Synergy Telecom P Ltd. Brochure

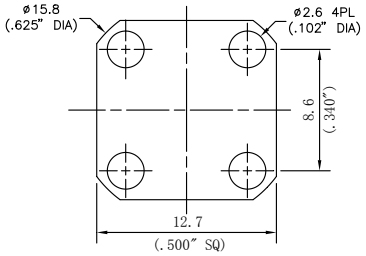
RF Coaxial Series

- Connector
- Adapter
- Termination
- Waveguide-Coaxial Adapter
- DC Block
- Grass Bead

http://www.rfconnector.in Email:pradeep@rfconnectorhouse.com

RF Coaxial Connectors

SMA	DC~27GHz
2.92mm	DC~40GHz
2.4mm	DC~50GHz
1.85mm	DC~65GHz
N type	DC~18GHz
TNCA	DC~18GHz
SSMA	DC~40GHz



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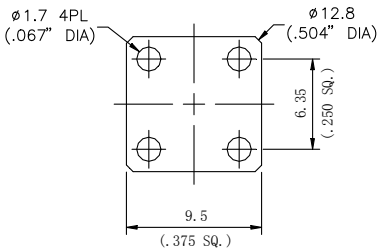

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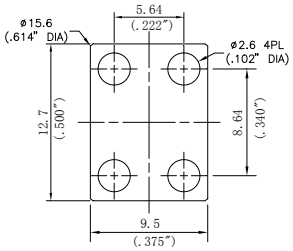

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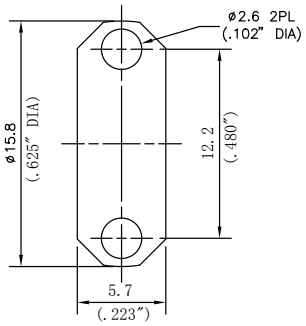

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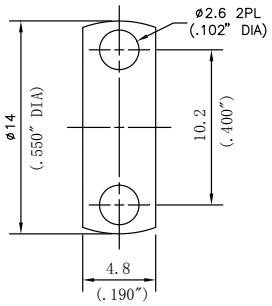

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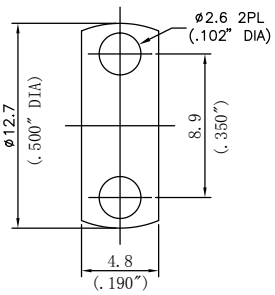

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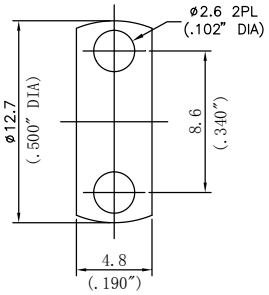

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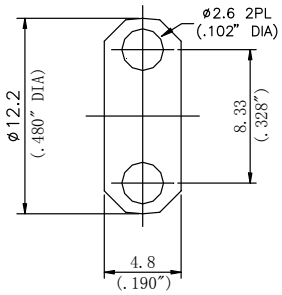

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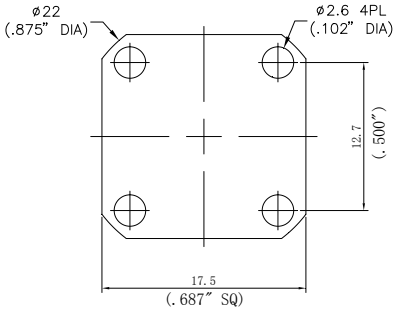

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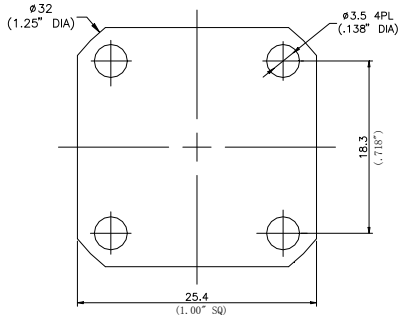

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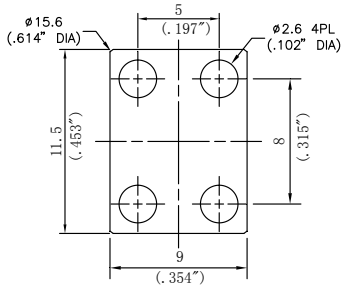

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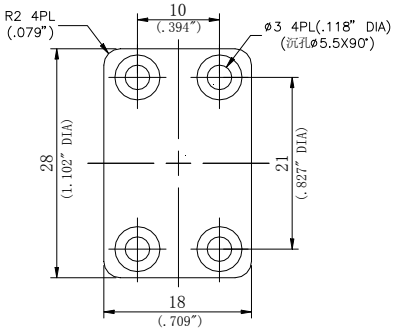


F33

SMA Connector Series（DC~27GHz）

SMA series RF coaxial connector with small size, broad band, good mechanical performance, high reliable.

Performance Features

Impedance: 50Ω

Frequency Range: DC~27GHz

VSWR:

DC~18GHz···· 1.10:1（Max）

18GHz~27GHz···· 1.15:1（Max）

Contact resistance: Centre Conductor≤3.0mΩ

Outer Conductor≤2.0mΩ

Insulation resistance: ≥5000MΩ

Withstanding Voltage: 1000V

Durability: 500 Cycles

Operating Temperature: -55℃~+165℃

Materials/Finishes

Housing:

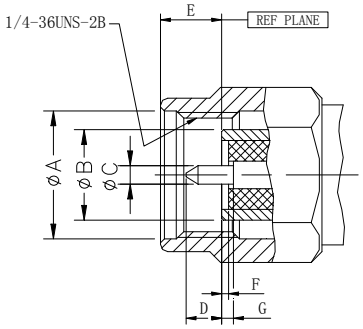
Type 303 Stainless Steel

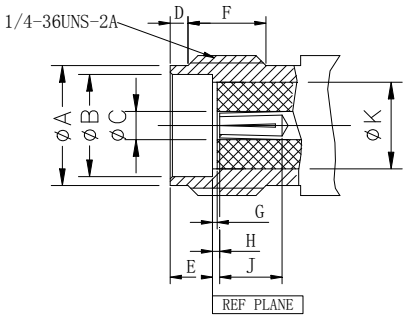
Polished&Passivated

Centre Contact:Beryllium Copper Plated Gold(MIL-G-45204)

Insulators:PTFE&PEI

Interfaces



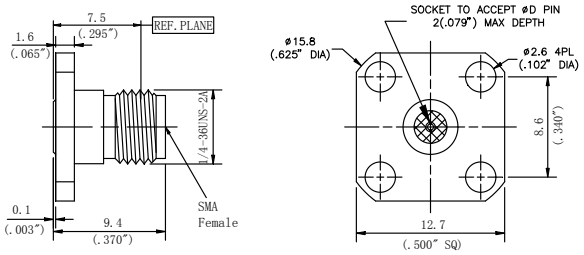


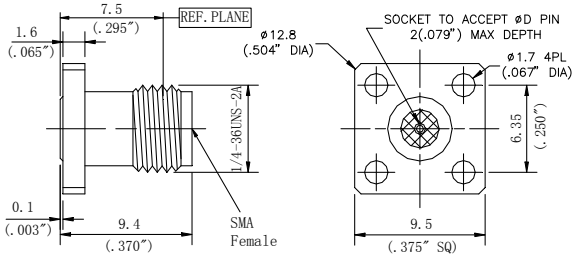
SMA Male				
	mm		Inch	
	Min	Max	Min	Max
A	6.48	6.73	0.255	0.265
B	4.52	4.59	0.1780	0.1808
C	0.90	0.93	0.0355	0.0365
D	2.03	2.29	0.080	0.090
E	2.59	3.35	0.102	0.132
F	0.00	0.05	0.000	0.002
G	0.00	0.08	0.000	0.003

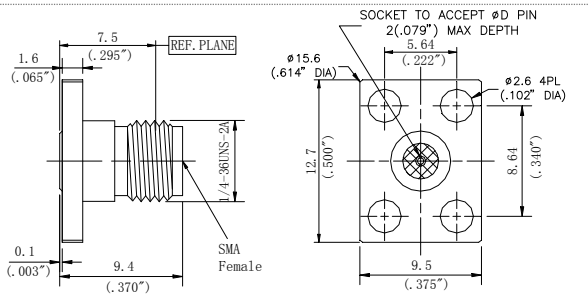
SMA Female				
	mm		Inch	
	Min	Max	Min	Max
A	5.28	5.49	0.208	0.216
B	4.60	4.67	0.1810	0.1837
C	1.27	1.29	0.0500	0.0506
D	0.38	1.14	0.015	0.045
E	1.88	1.98	0.074	0.078
F	3.81	——	0.150	——
G	0.00	0.05	0.000	0.002
H	0.00	0.08	0.000	0.003
J	2.54	——	0.100	——
K	4.10	4.13	0.1615	0.1625

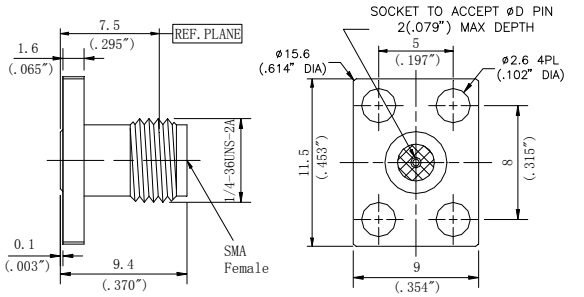
Note: Interface per MIL-STD-348A

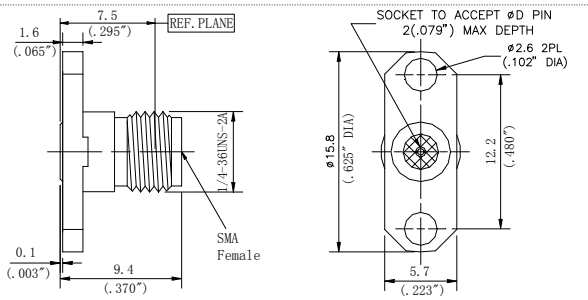
✧ SMA Series Field Replaceable Connectors

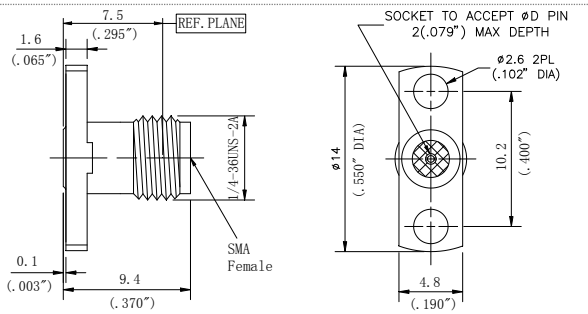


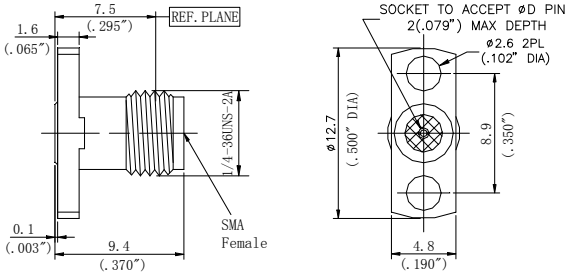








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1.6
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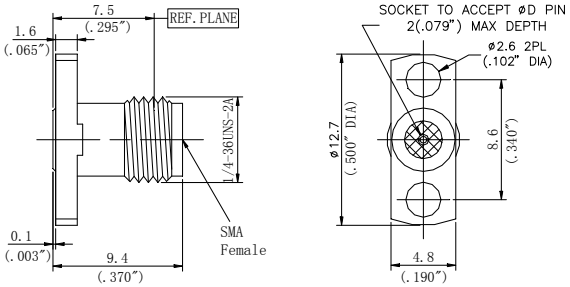
1/4-36UNS-2A
SMA
Female
0.1
(.003")
9.4
(.370")
SOCKET TO ACCEPT ØD PIN
2(.079") MAX DEPTH
ø2.6 2PL
(.102" DIA)
ø12.7
(.500" DIA)
8.9
(.350")
4.8
(.190")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1.6
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1/4-36UNS-2A
SMA
Female
0.1
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9.4
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SOCKET TO ACCEPT ØD PIN
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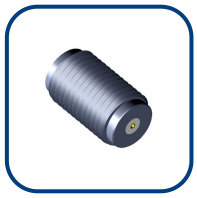

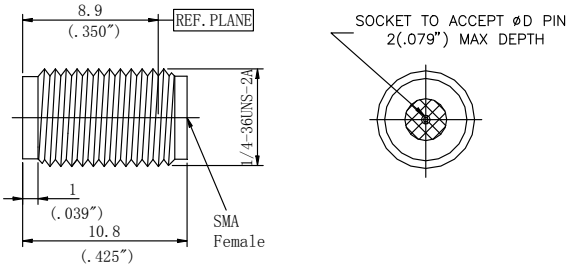
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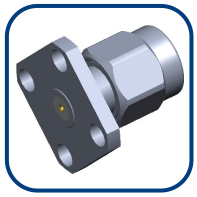
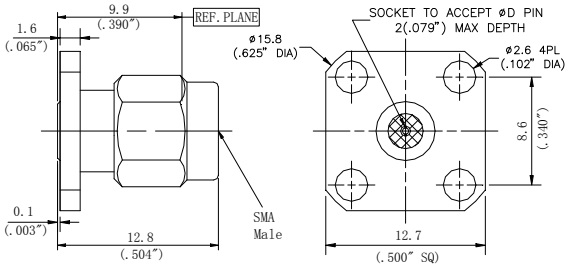
SOCKET TO ACCEPT ØD PIN
2(.079") MAX DEPTH

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ø15.8
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SMA
Male
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12.8
(.504")
SOCKET TO ACCEPT ØD PIN
2(.079") MAX DEPTH
ø2.6 4PL
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8.6
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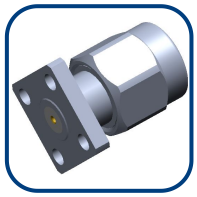
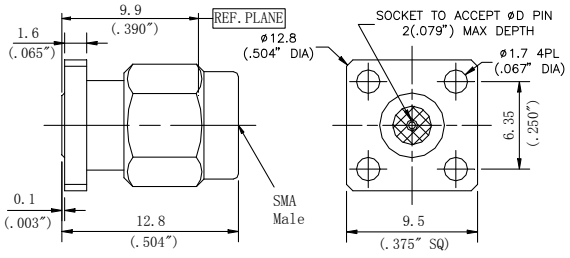
12.7
(.500" SQ)

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Male
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ø1.7 4PL
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9.5
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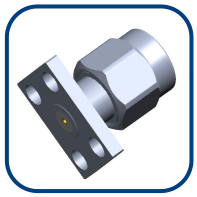

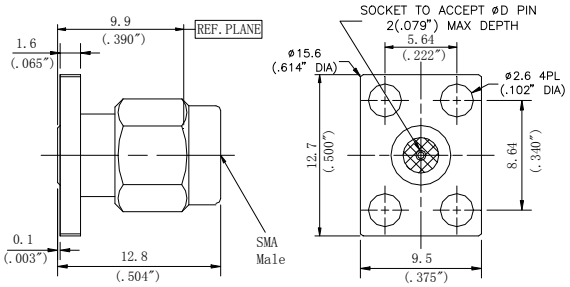
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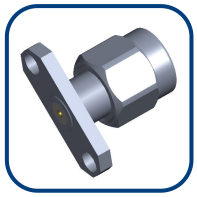

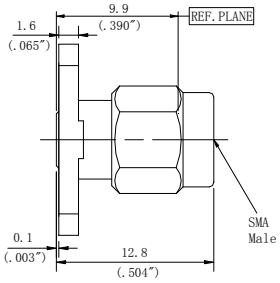
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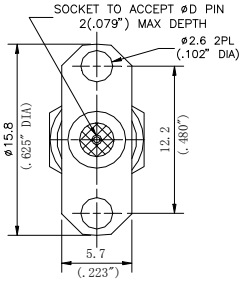
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ø15.8
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12.2
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5.7
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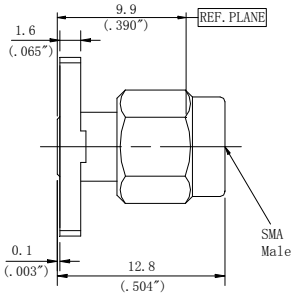
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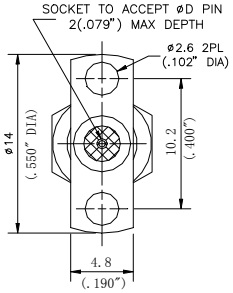
SMA
Male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ø2.6 2PL
(.102" DIA)
ø14
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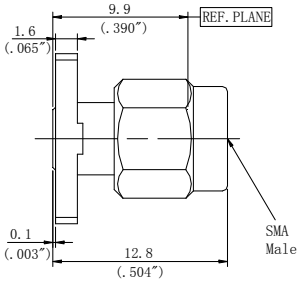
10.2
(.400")
4.8
(.190")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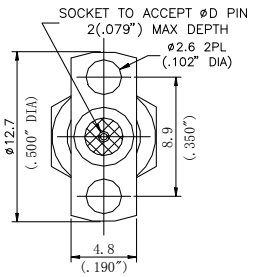
SMA
Male


SOCKET TO ACCEPT øD PIN
2(.079") MAX DEPTH
ø2.6 2PL
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ø12.7
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8.9
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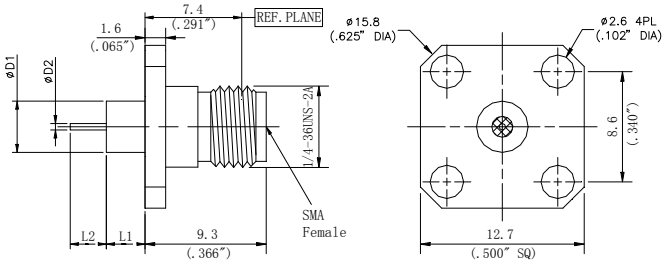
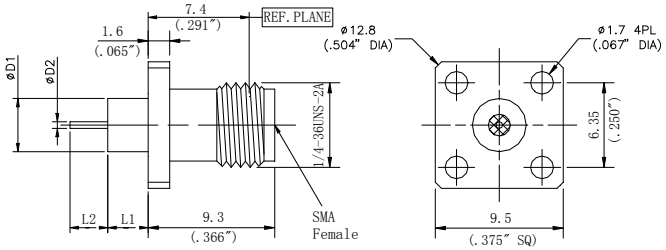
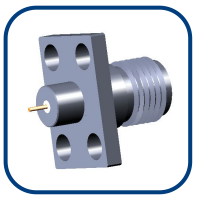
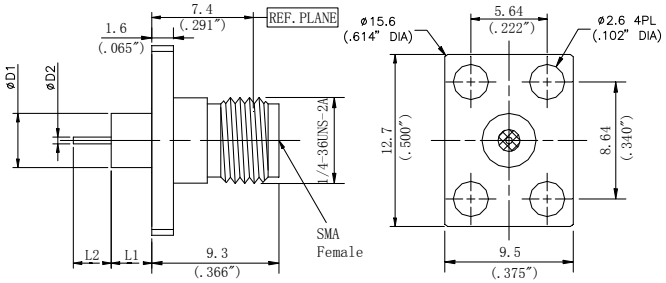
4.8
(.190")

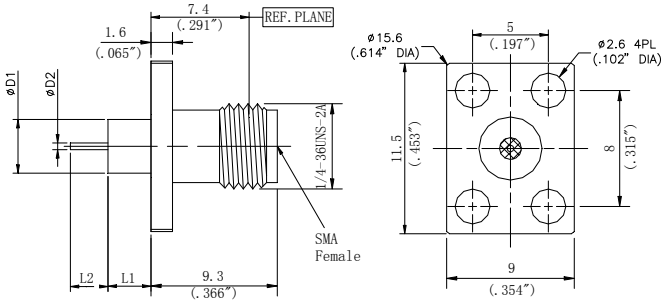
✧ SMA Series Bulkhead Flange Connectors

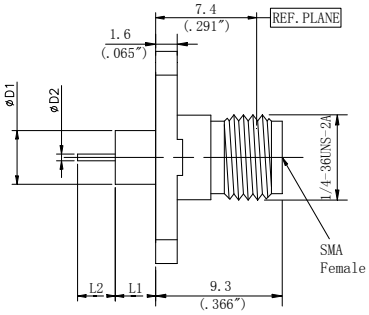








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(.065")
øD1
øD2
1/4-36UNS-2A
SMA
Female
L2
L1
9.3
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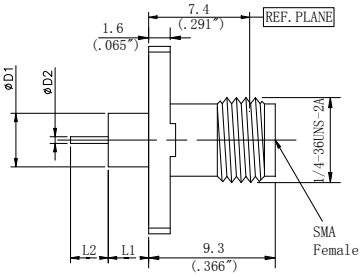
ø2.6 2PL
(.102" DIA)
ø15.8
(.622" DIA)
12.2
(.480")
5.7
(.223")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øD2
1/4-36UNS-2A
SMA
Female
L2
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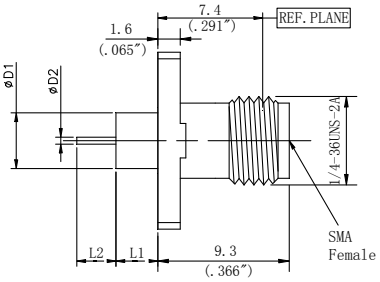
ø2.6 2PL
(.102" DIA)
ø14
(.550" DIA)
10.2
(.400")
4.8
(.190")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øD1
øD2
1/4-36UNS-2A
SMA
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L2
L1
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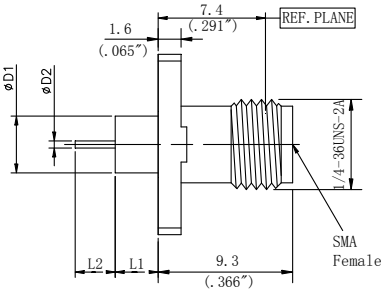
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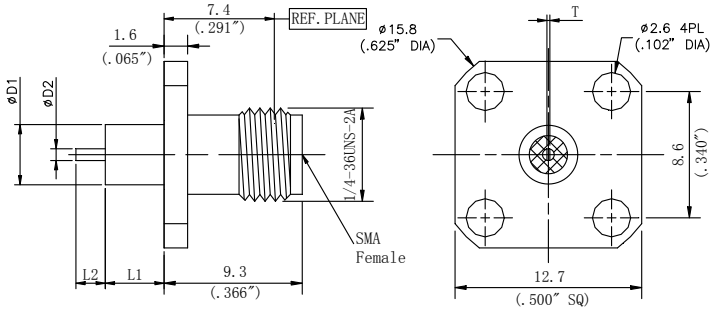

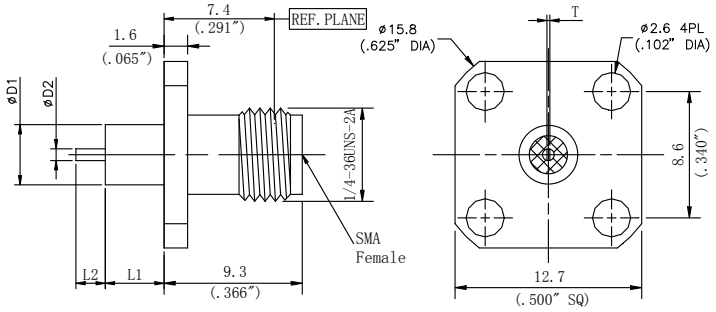

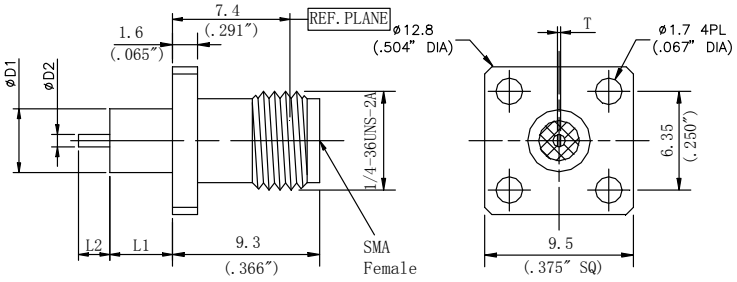

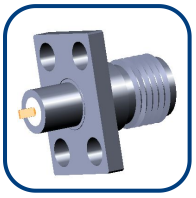

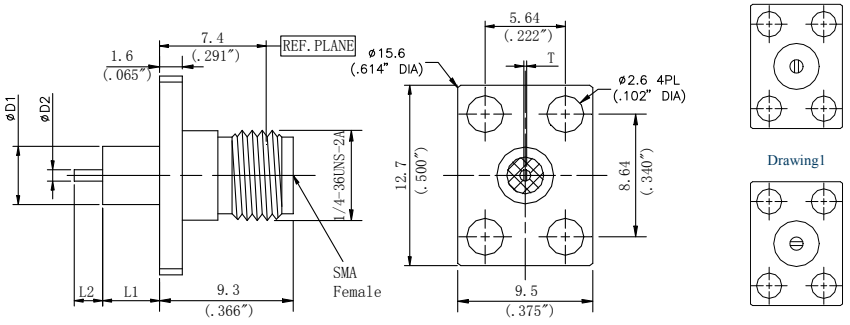

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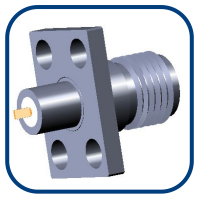

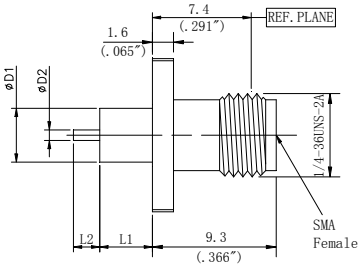
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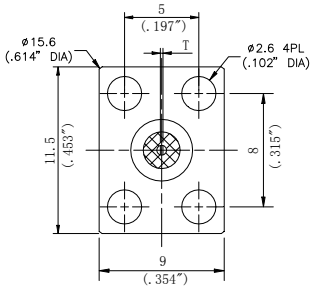
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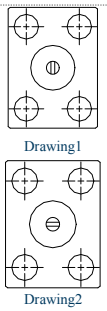
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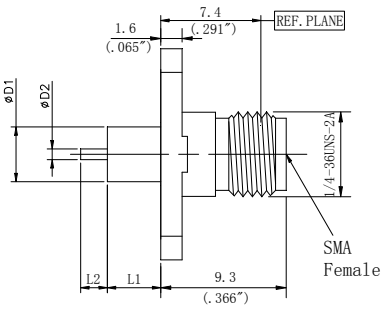
Drawing2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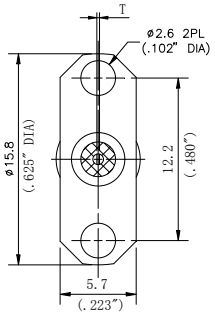
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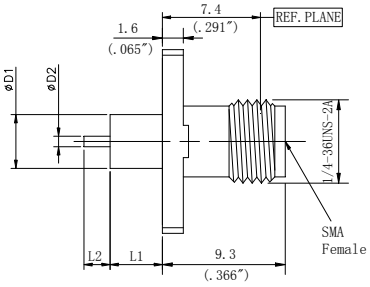
Drawing1
Drawing2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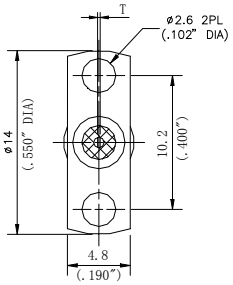
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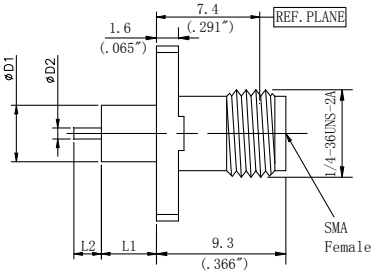
Drawing1
Drawing2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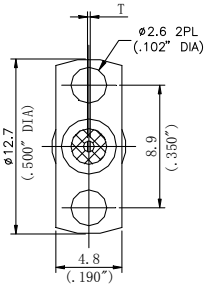
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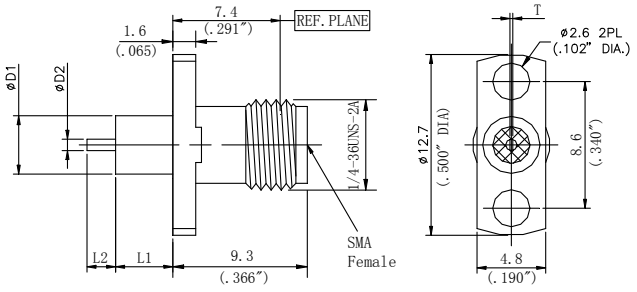
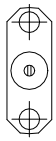
Drawing1
Drawing2





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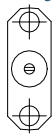

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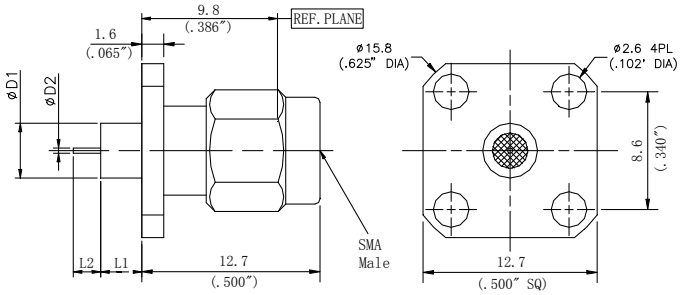

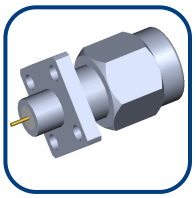

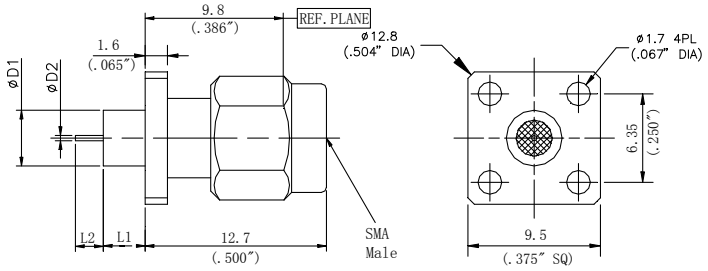

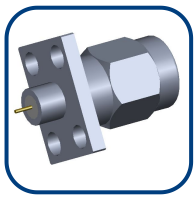

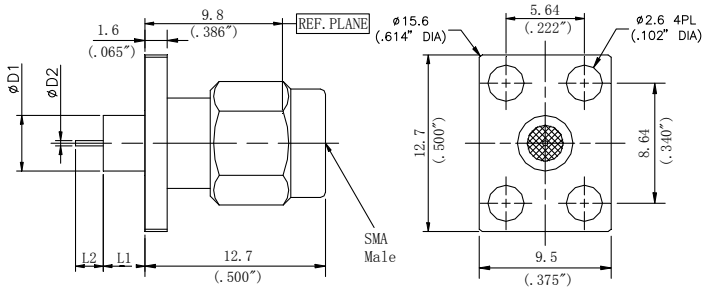

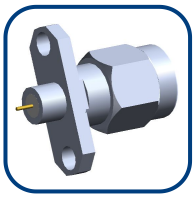

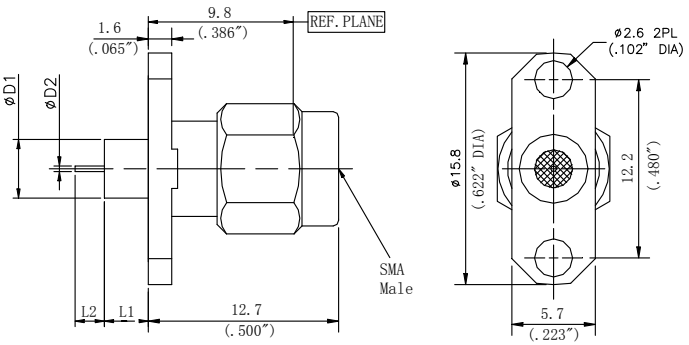
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L2
L1
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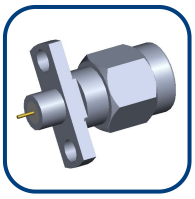

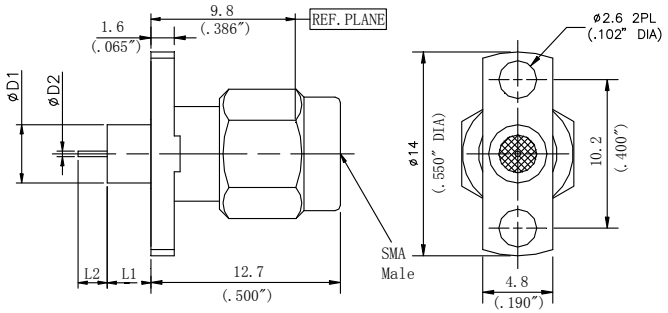
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L2
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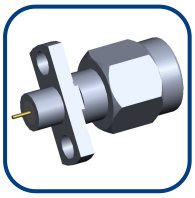

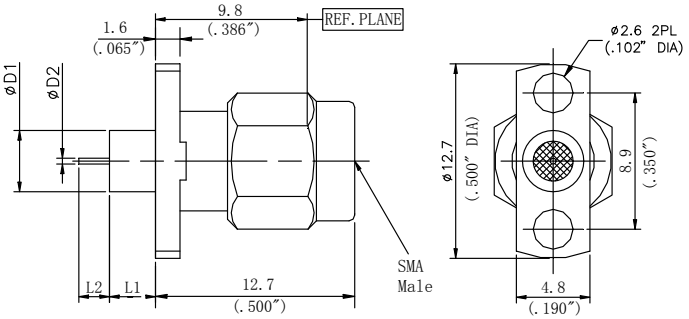
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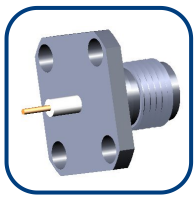
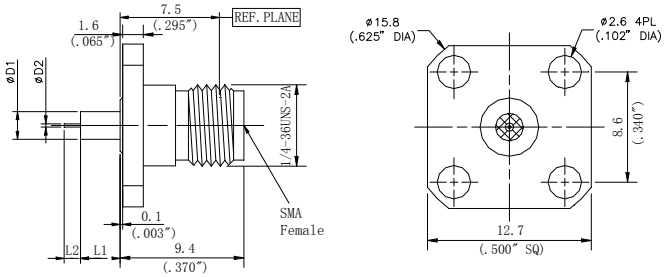
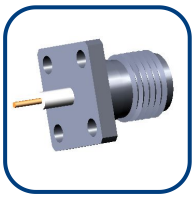
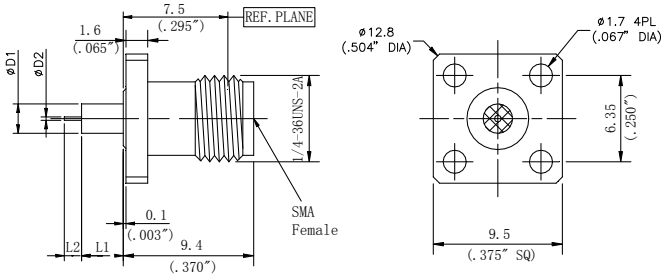
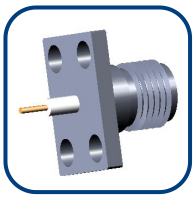
✧ SMA Series Thread-in Connectors

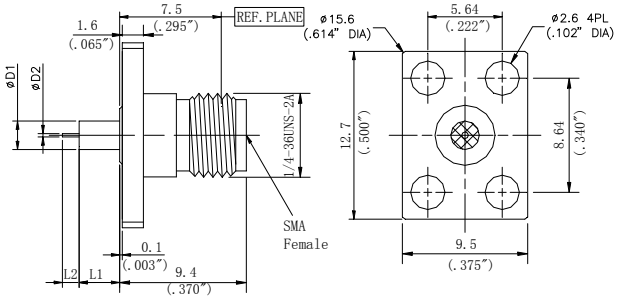


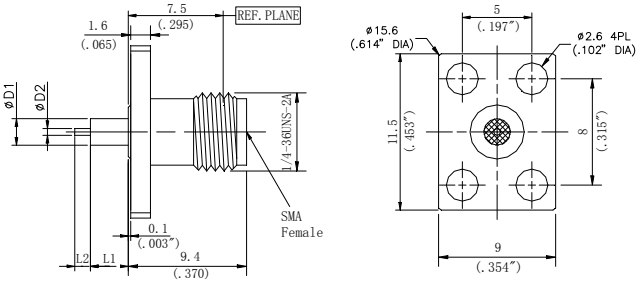


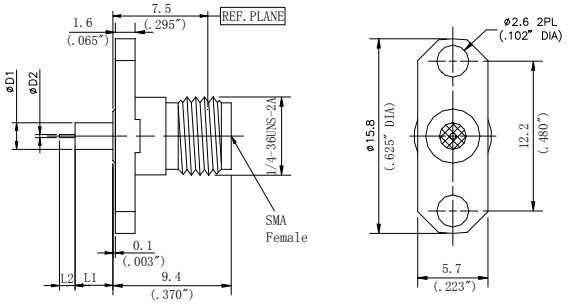








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L1
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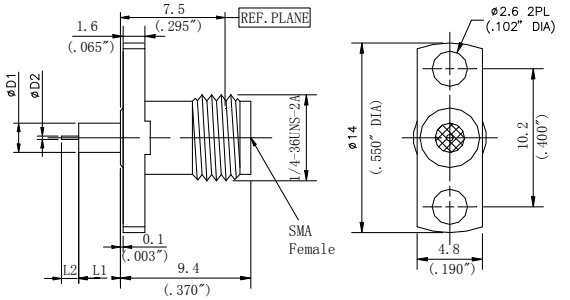
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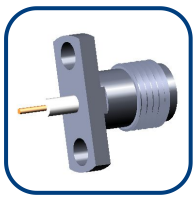

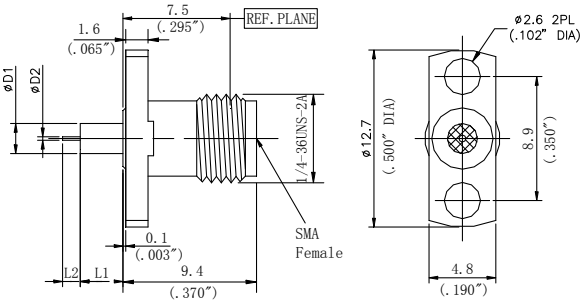
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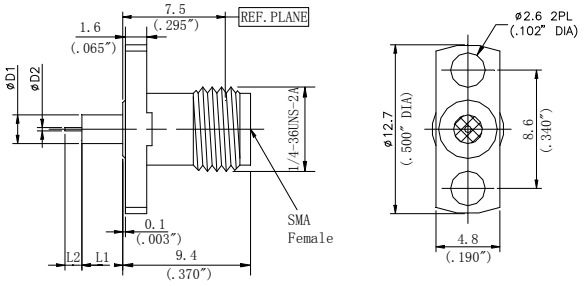
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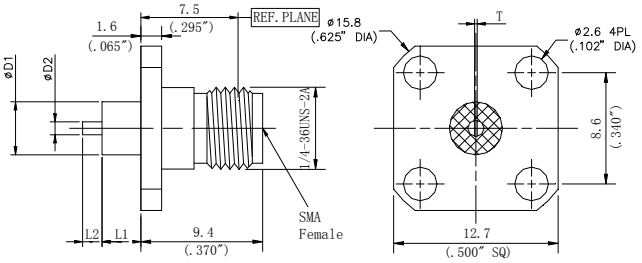

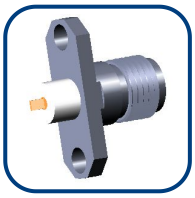

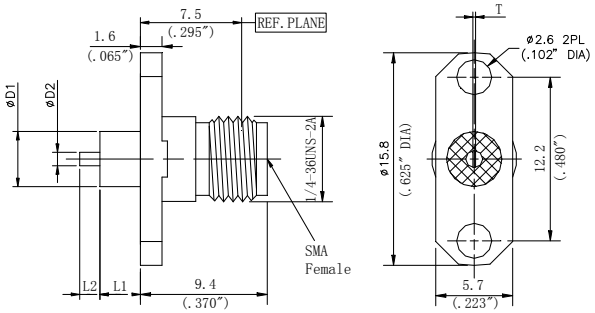

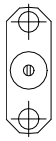

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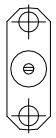

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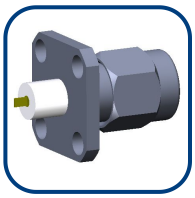
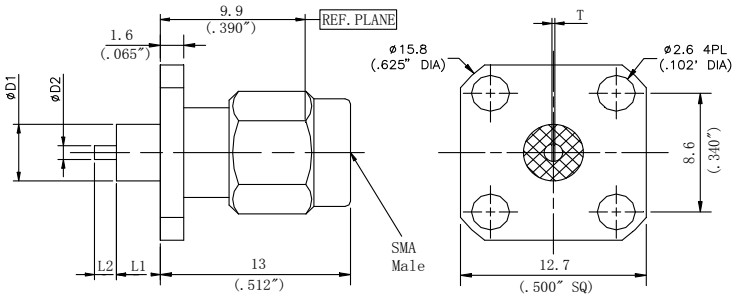
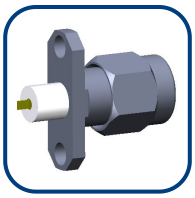
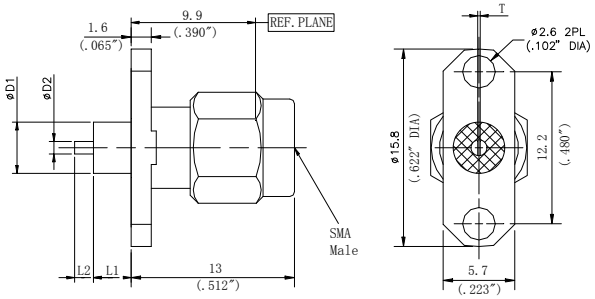
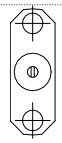


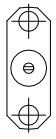






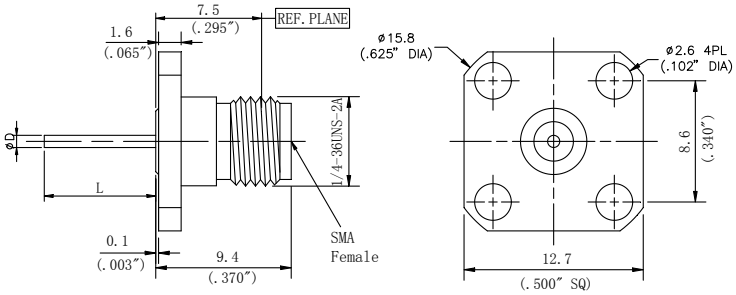


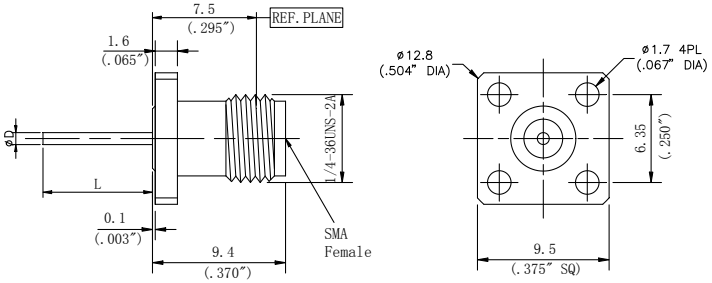
Drawing1

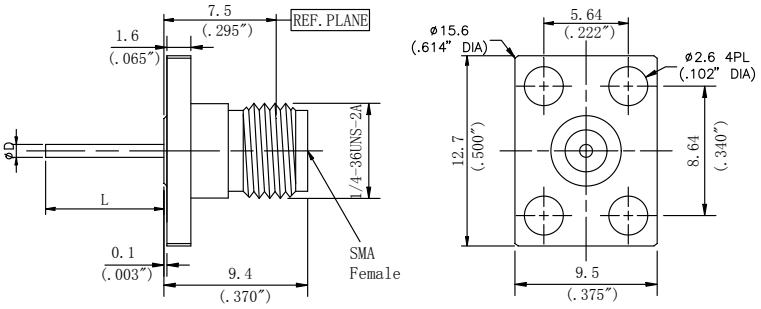


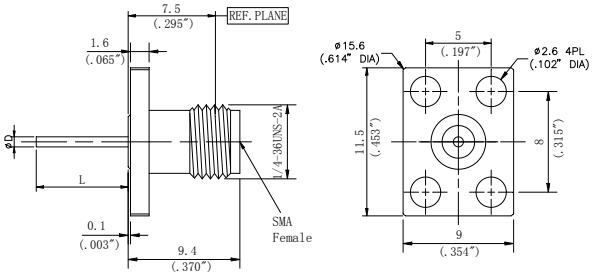
Drawing2

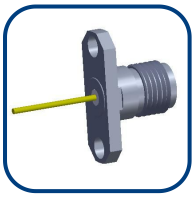
✧ SMA Series Airline Bulkhead Connectors

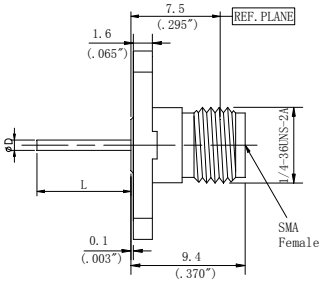


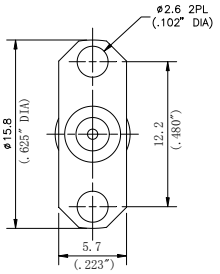


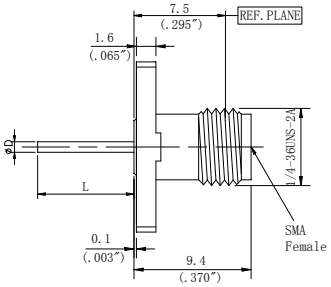


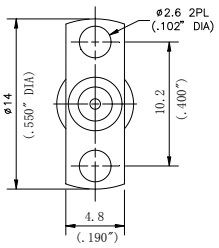


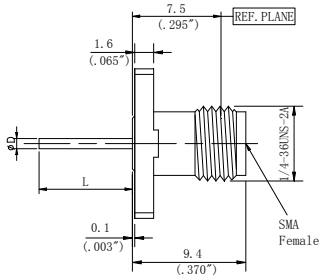


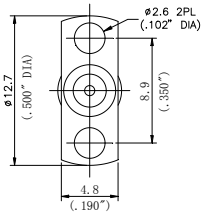

7.5
(.295")
REF. PLANE
1.6
(.065")
ØD
L
1/4-36UNS-2A
SMA
Female
0.1
(.003")
9.4
(.370")


Ø2.6 2PL
(.102" DIA)
Ø15.8
(.625" DIA)
12.2
(.480")
5.7
(.223")

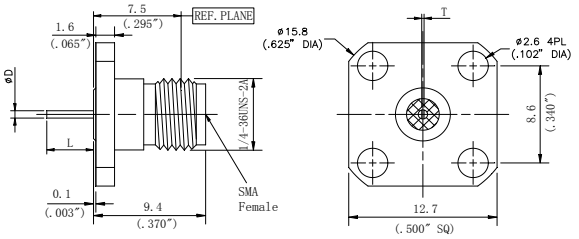

7.5
(.295")
REF. PLANE
1.6
(.065")
ØD
L
1/4-36UNS-2A
SMA
Female
0.1
(.003")
9.4
(.370")

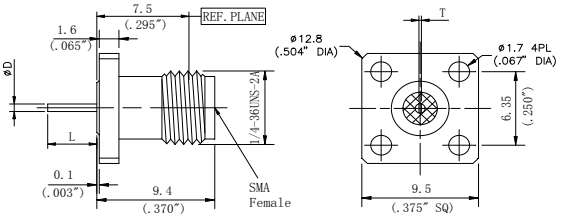

Ø2.6 2PL
(.102" DIA)
Ø14
(.550" DIA)
10.2
(.400")
4.8
(.190")

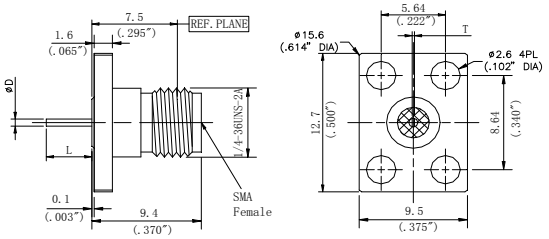

7.5
(.295")
REF. PLANE
1.6
(.065")
ØD
L
1/4-36UNS-2A
SMA
Female
0.1
(.003")
9.4
(.370")

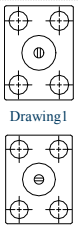

Ø2.6 2PL
(.102" DIA)
Ø12.7
(.500" DIA)
8.9
(.350")
4.8
(.190")

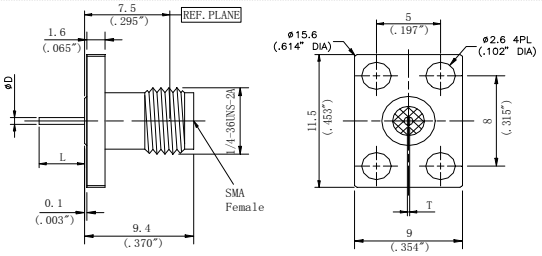
✧ SMA Series Straight Connectors

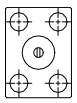


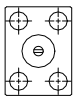




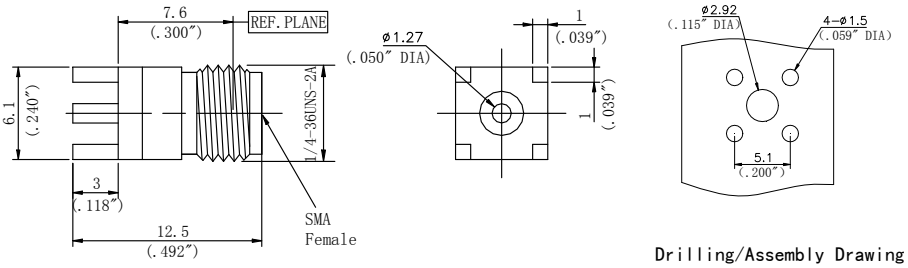




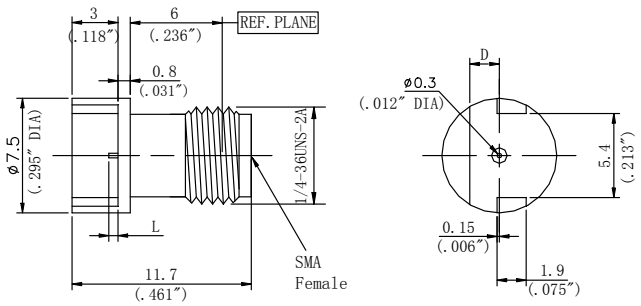




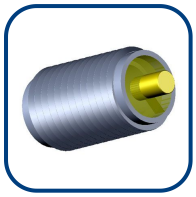
✧ SMA Series PCB Connectors

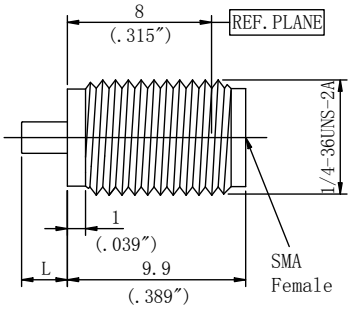


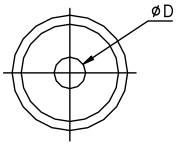
Drilling/Assembly Drawing



✧ SMA Series Bulkhead Thread-in Connectors







2.92mmConnector Series（DC~40GHz）

Performance Features

Impedance: 50Ω

Frequency Range: DC~40GHz

VSWR:

DC~40GHz…… 1.15:1（Max）

Contact resistance: Centre Conductor≤3.0mΩ
Outer Conductor≤2.0mΩ

Insulation resistance: ≥3000MΩ

Withstanding Voltage: 750V

Durability: 500 Cycles

Operating Temperature: -55℃~+165℃

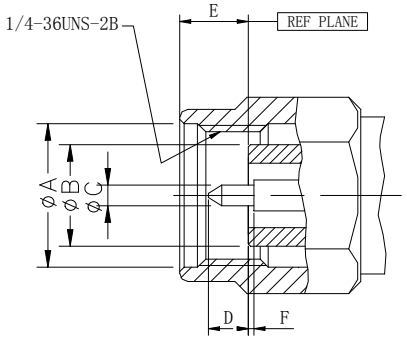
Materials/Finishes

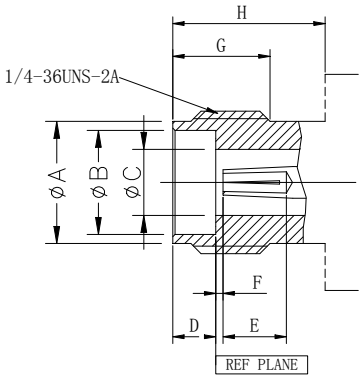
Housing : Type 303 Stainless Stell-Polished&Passivated

Center Contact:Beryllium copper Plated Gold(MIL-G-45204)

Insulators:PEI or PEI&PTFE

Interfaces



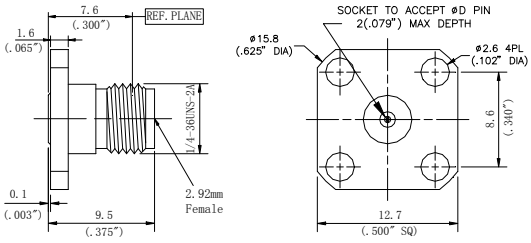


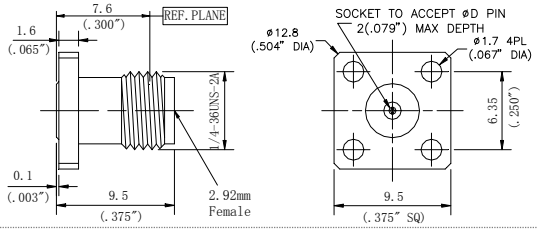
2.92mm Male				
	mm		Inch	
	Min	Max	Min	Max
A	6.48	——	0.255	——
B	4.52	4.57	0.178	0.180
C	0.90	0.94	0.0355	0.0370
D	1.40	1.65	0.055	0.065
E	——	3.43	——	0.135
F	0.00	0.13	0.000	0.005

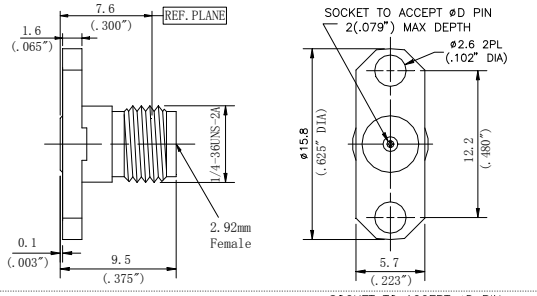
2.92mm Female				
	mm		Inch	
	Min	Max	Min	Max
A	5.23	5.44	0.206	0.214
B	4.60	4.65	0.181	0.183
C	2.90	2.95	0.114	0.116
D	1.88	1.98	0.074	0.078
E	2.67	——	0.105	——
F	0.00	0.13	0.000	0.005
G	4.32	——	0.170	——
H	5.54	——	0.218	——

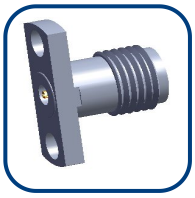
Note: interface per MIL-STD-348A

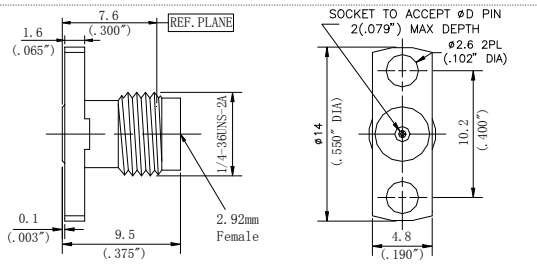
✧ 2.92mm Series Field Replaceable Flange Connectors

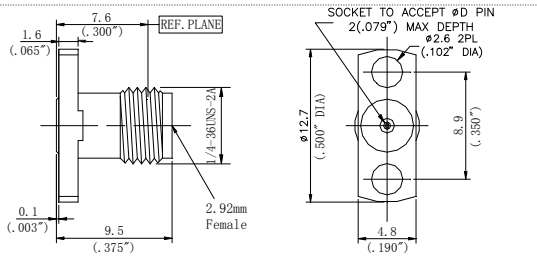


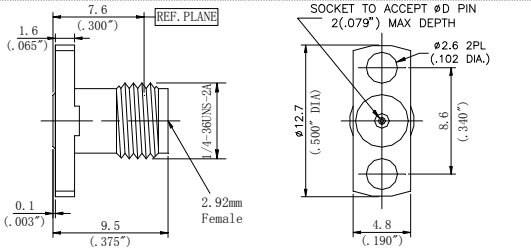


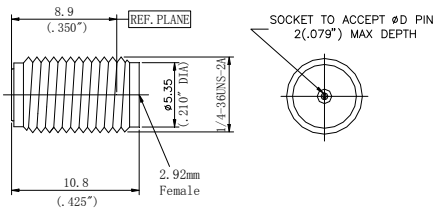


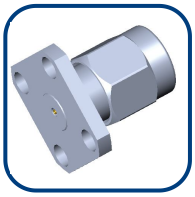


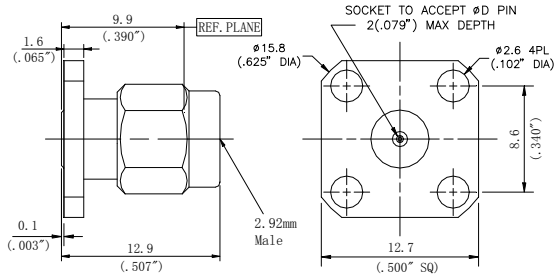


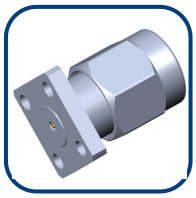


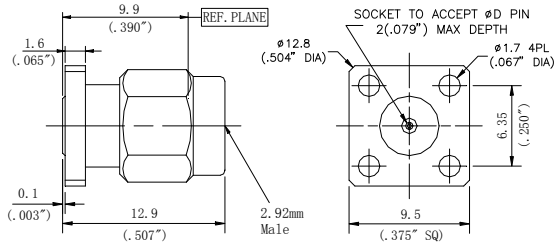


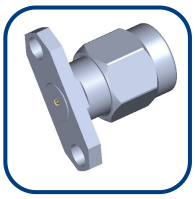


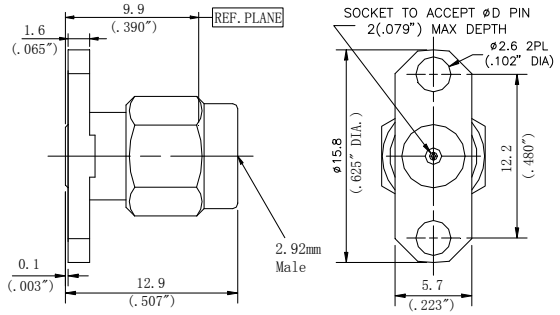


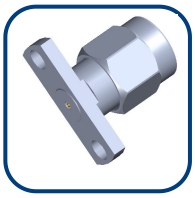

9.9
(.390")
REF. PLANE
1.6
(.065")
ø15.8
(.625" DIA)
SOCKET TO ACCEPT øD PIN
2(.079") MAX DEPTH
ø2.6 4PL
(.102" DIA)
8.6
(.340")
0.1
(.003")
12.9
(.507")
2.92mm
Male
12.7
(.500" SQ)

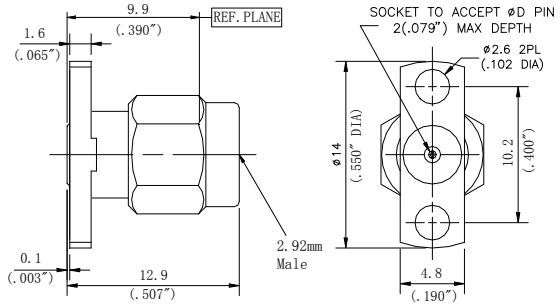


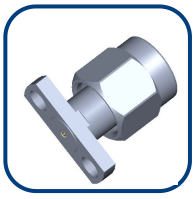

9.9
(.390")
REF. PLANE
1.6
(.065")
ø12.8
(.504" DIA)
SOCKET TO ACCEPT øD PIN
2(.079") MAX DEPTH
ø1.7 4PL
(.067" DIA)
6.35
(.250")
0.1
(.003")
12.9
(.507")
2.92mm
Male
9.5
(.375" SQ)

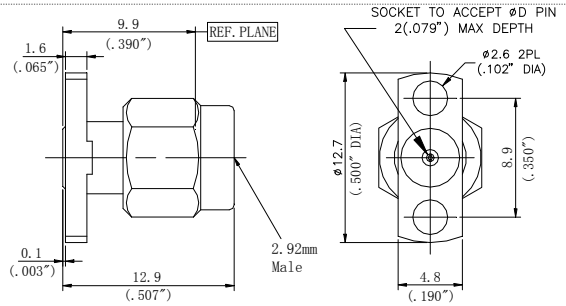



9.9
(.390")
REF. PLANE
1.6
(.065")
SOCKET TO ACCEPT øD PIN
2(.079") MAX DEPTH
ø2.6 2PL
(.102" DIA)
ø15.8
(.625" DIA.)
12.2
(.480")
0.1
(.003")
12.9
(.507")
2.92mm
Male
5.7
(.223")




9.9
(.390")
REF. PLANE
1.6
(.065")
SOCKET TO ACCEPT øD PIN
2(.079") MAX DEPTH
ø2.6 2PL
(.102 DIA)
ø14
(.550" DIA)
10.2
(.400")
0.1
(.003")
12.9
(.507")
2.92mm
Male
4.8
(.190")

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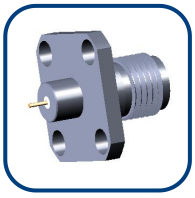
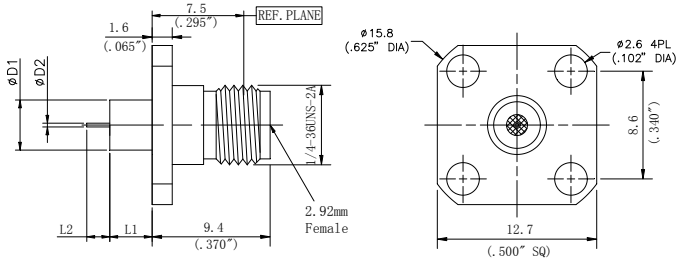
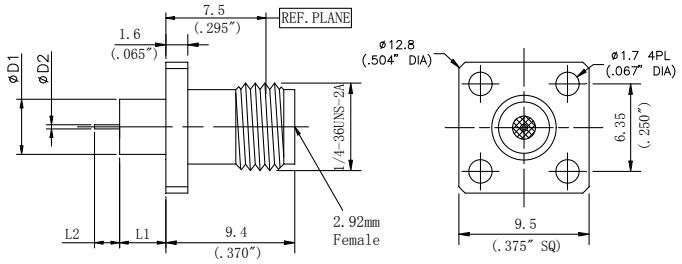
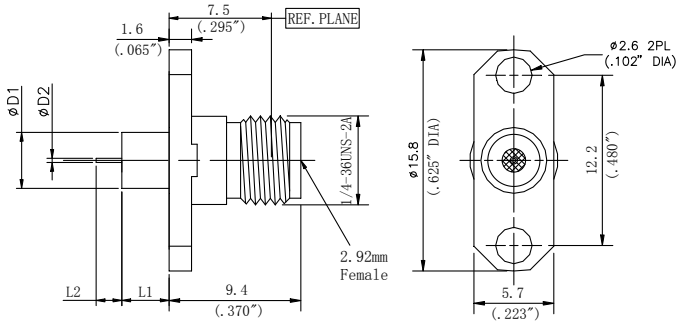
(.390")
REF. PLANE
1.6
(.065")
SOCKET TO ACCEPT øD PIN
2(.079") MAX DEPTH
ø2.6 2PL
(.102" DIA)
ø12.7
(.500" DIA)
8.9
(.350")
0.1
(.003")
12.9
(.507")
2.92mm
Male
4.8
(.190")

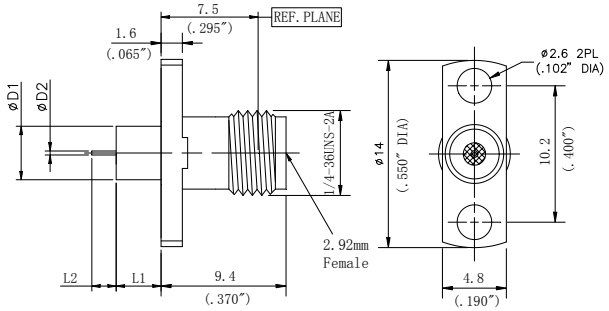
✧ 2.92mm Series Bulkhead Flange Connectors

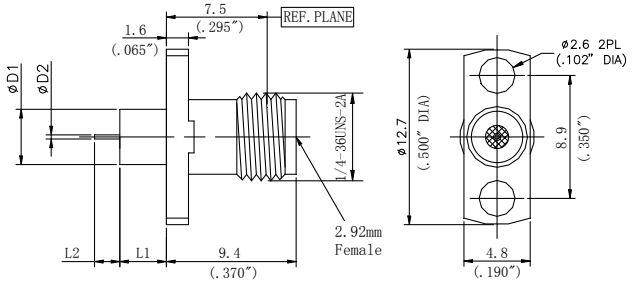


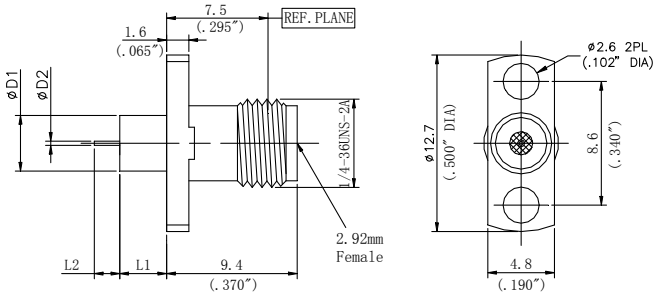









7.5
(.295")
REF. PLANE
1.6
(.065")
ØD1
ØD2
1/4-36UNS-2A
2.92mm
Female
L2
L1
9.4
(.370")
ø2.6 2PL
(.102" DIA)
ø12.7
(.500" DIA)
8.9
(.350")
4.8
(.190")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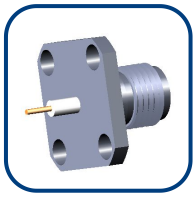
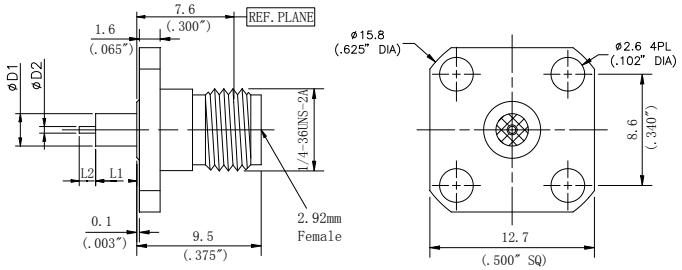
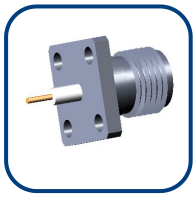
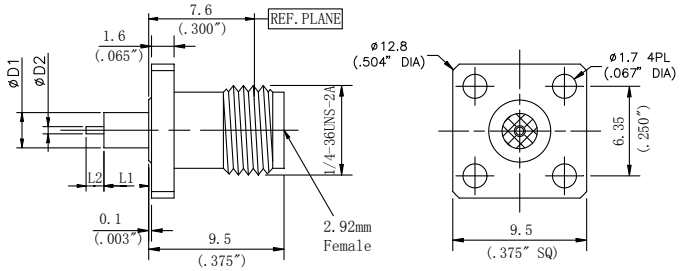
REF. PLANE
1.6
(.065")
ØD1
ØD2
1/4-36UNS-2A
2.92mm
Female
L2
L1
9.4
(.370")
ø2.6 2PL
(.102" DIA)
ø12.7
(.500" DIA)
8.6
(.340")
4.8
(.190")

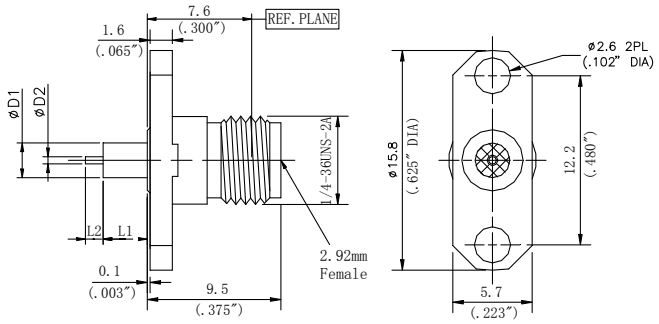
✧ 2.92mm Series Thread-in Connectors

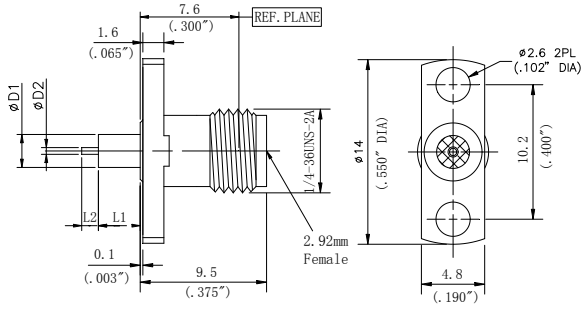


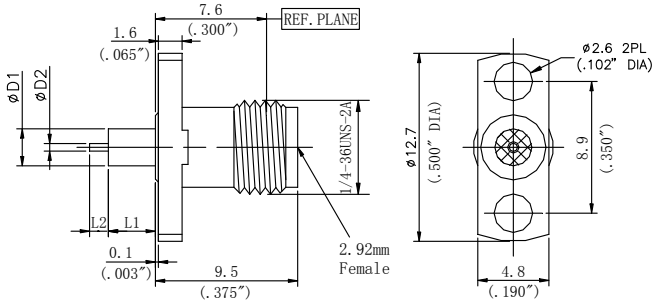








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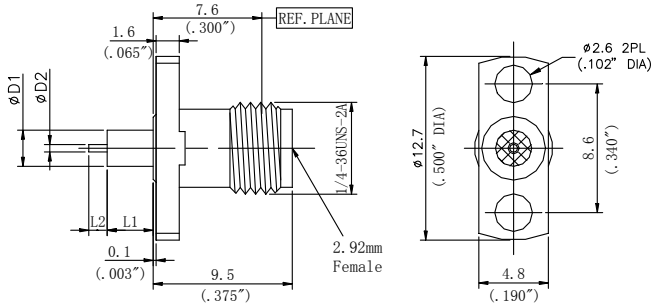
(.300")
REF. PLANE
1.6
(.065")
øD1
øD2
1/4-36UNS-2A
L2
L1
0.1
(.003")
9.5
(.375")
2.92mm
Female
ø2.6 2PL
(.102" DIA)
ø12.7
(.500" DIA)
8.9
(.350")
4.8
(.190")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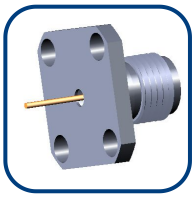
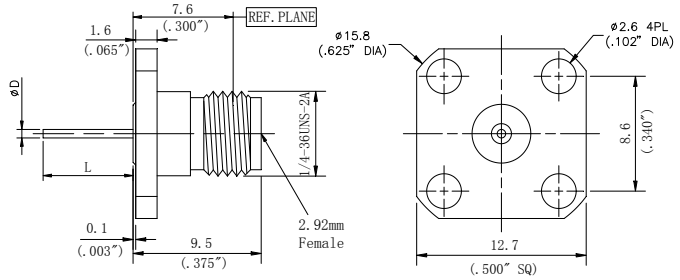
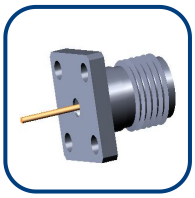
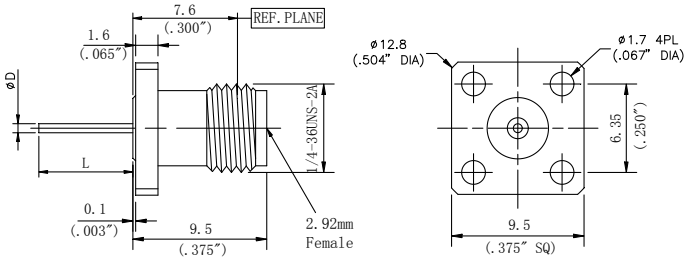
(.300")
REF. PLANE
1.6
(.065")
øD1
øD2
1/4-36UNS-2A
L2
L1
0.1
(.003")
9.5
(.375")
2.92mm
Female
ø2.6 2PL
(.102" DIA)
ø12.7
(.500" DIA)
8.6
(.340")
4.8
(.190")

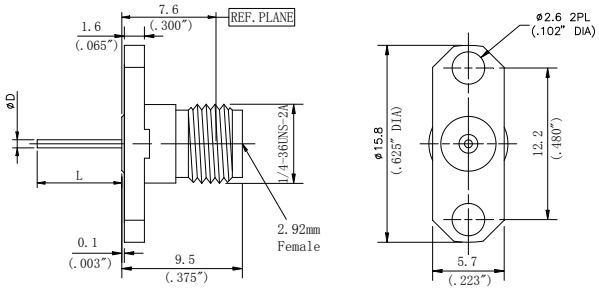
✧ 2.92mm Series Airline Bulkhead connectors

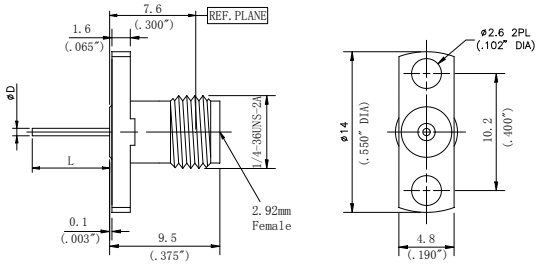


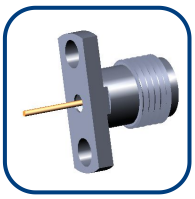


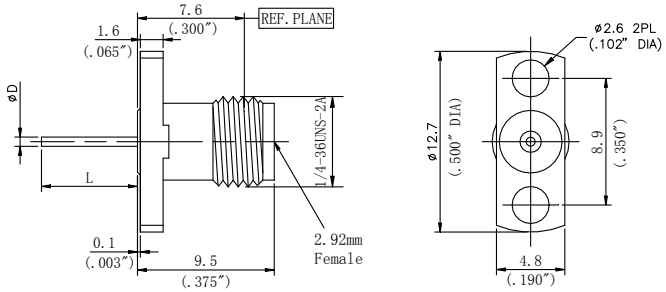


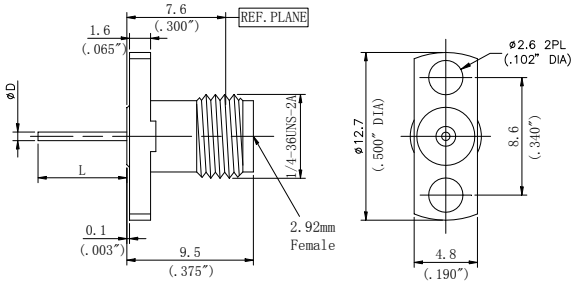









7.6
(.300")
REF. PLANE
1.6
(.065")
øD
L
1/4-36UNS-2A
0.1
(.003")
9.5
(.375")
2.92mm
Female
ø2.6 2PL
(.102" DIA)
ø12.7
(.500" DIA)
8.9
(.350")
4.8
(.190")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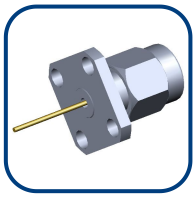
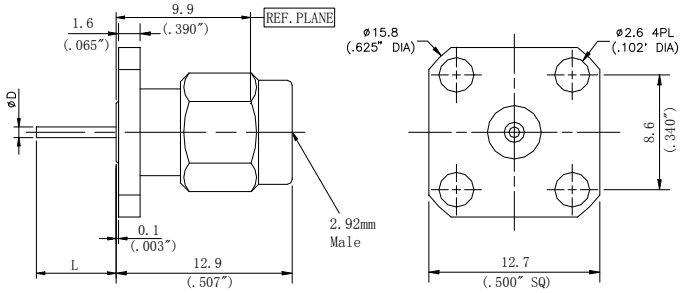
REF. PLANE
1.6
(.065")
øD
L
1/4-36UNS-2A
0.1
(.003")
9.5
(.375")
2.92mm
Female
ø2.6 2PL
(.102" DIA)
ø12.7
(.500" DIA)
8.6
(.340")
4.8
(.190")




9.9
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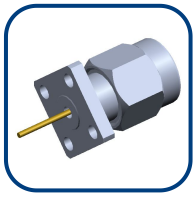
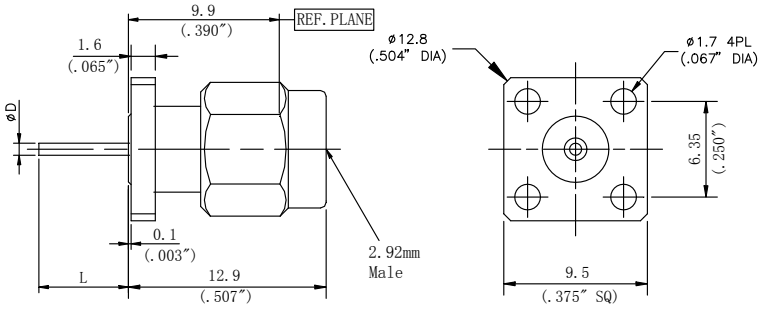
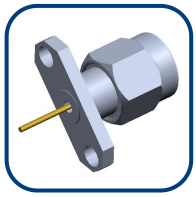
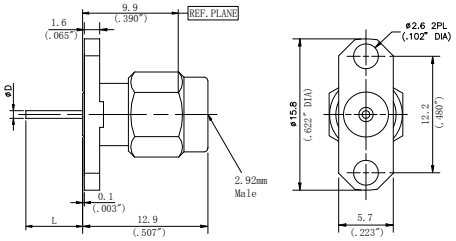
REF. PLANE
1.6
(.065")
øD
0.1
(.003")
L
12.9
(.507")
2.92mm
Male
ø15.8
(.625" DIA)
ø2.6 4PL
(.102" DIA)
8.6
(.340")
12.7
(.500" SQ)




9.9
(.390")
REF. PLANE
1.6
(.065")
øD
0.1
(.003")
L
12.9
(.507")
2.92mm
Male
ø12.8
(.504" DIA)
ø1.7 4PL
(.067" DIA)
6.35
(.250")
9.5
(.375" SQ)

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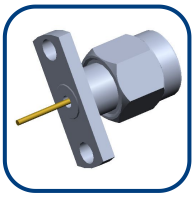
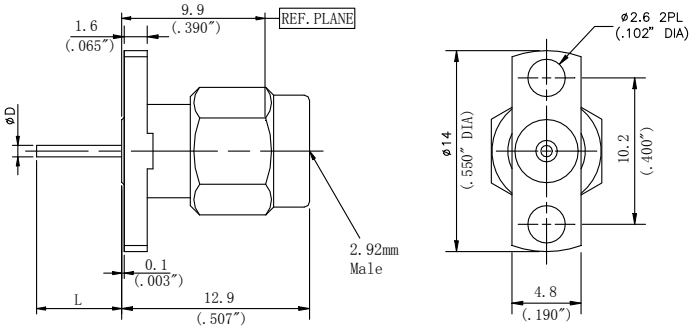
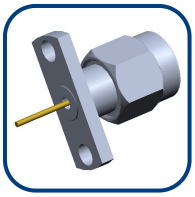
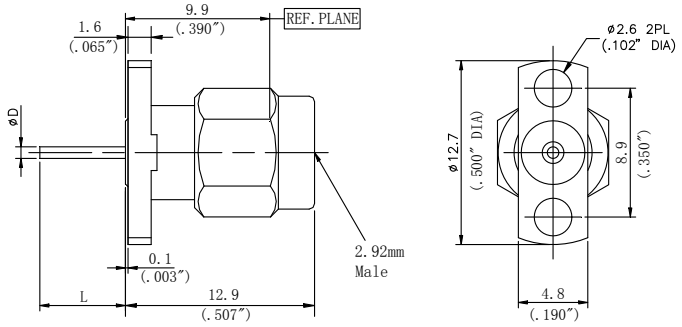
REF. PLANE
1.6
(.065")
øD
2.92mm
Male
0.1
(.003")
L
12.9
(.507")
ø2.6 2PL
(.102" DIA)
ø15.8
(.622" DIA)
12.2
(.480")
5.7
(.223")

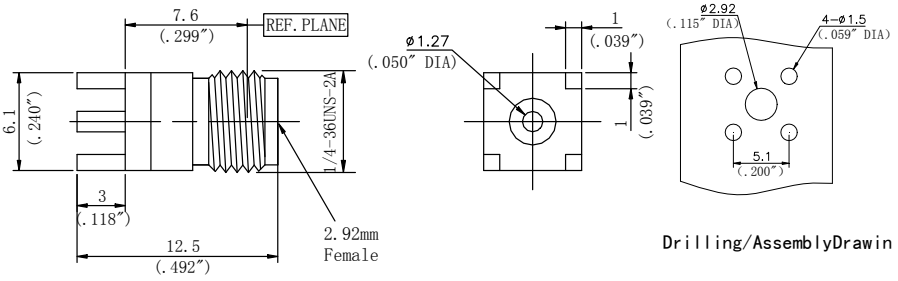



9.9
(.390")
REF. PLANE
1.6
(.065")
øD
2.92mm
Male
0.1
(.003")
L
12.9
(.507")
ø2.6 2PL
(.102" DIA)
ø14
(.550" DIA)
10.2
(.400")
4.8
(.190")

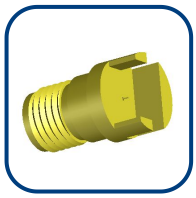


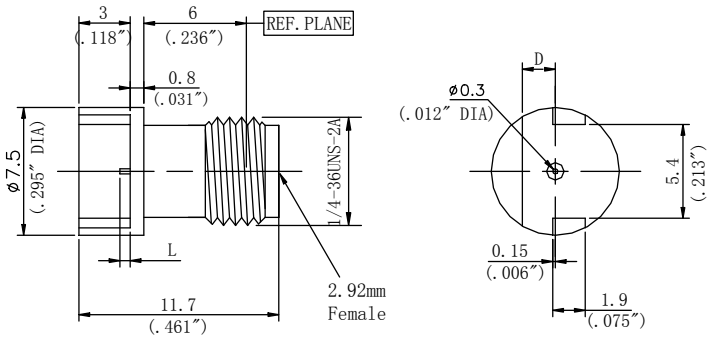

9.9
(.390")
REF. PLANE
1.6
(.065")
øD
2.92mm
Male
0.1
(.003")
L
12.9
(.507")
ø2.6 2PL
(.102" DIA)
ø12.7
(.500" DIA)
8.9
(.350")
4.8
(.190")

✧ 2.92mm Series PCB Connectors

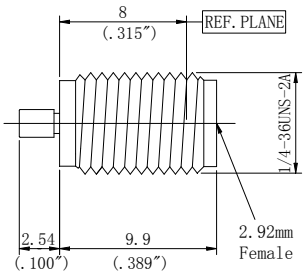


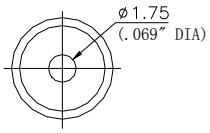
Drilling/AssemblyDrawing





✧ 2.92mm Series Bulkhead Thread-in Connectors



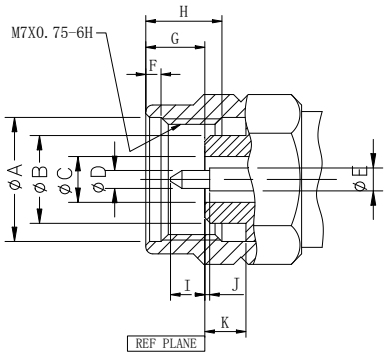


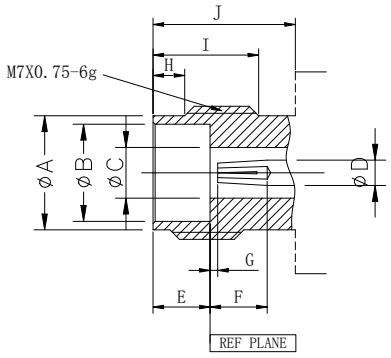
2.4mm Connector Series（DC~50GHz）

Performance Features
Impedance：50Ω
Frequency Range：DC~50GHz
VSWR：
DC~50GHz…… 1.15:1（Max）
Contact resistance：Centre Conductor≤3.0mΩ Outer Conductor≤2.0mΩ
Insulation resistance：≥3000MΩ
Withstanding Voltage：750V
Durability：500 Cycles
Operating Temperature：-55℃~+165℃

Materials/Finishes
Housing:Type303 Stainless Steel -Polished&Passivated
Center Contact:Beryllium Copper Plated Gold(Per MIL-G-45204)
Insulators:PEI or PEI&PTFE

Interface Standards



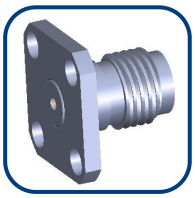


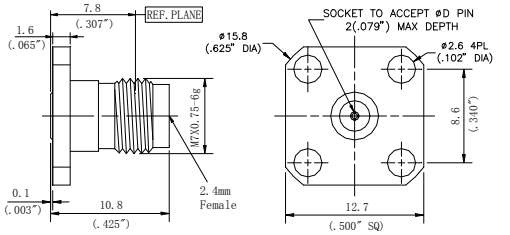
2.4mm Male				
	mm		Inch	
	Min	Max	Min	Max
A	7.01	7.11	0.276	0.280
B	4.72	4.75	0.186	0.187
C	2.39	2.41	0.094	0.095
D	0.50	0.52	0.0196	0.0206
E	1.03	1.05	0.0405	0.0415
F	0.51	0.76	0.020	0.030
G	1.85	2.45	0.073	0.105
H	4.37	4.65	0.172	0.183
I	1.35	1.45	0.053	0.057
J	0	0.076	0	0.003
K	3.38	3.48	0.133	0.137

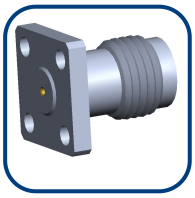
2.4mm Female				
	mm		Inch	
	Min	Max	Min	Max
A	5.79	5.89	0.228	0.232
B	4.77	4.795	0.1878	0.1888
C	2.39	2.41	0.094	0.095
D	1.03	1.05	0.0406	0.0414
E	3.00	3.10	0.118	0.122
F	2.65	——	0.1043	——
G	0	0.076	0	0.003
H	1.37	1.63	0.054	0.064
I	4.80	5.05	0.189	0.199
J	6	——	0.2362	——

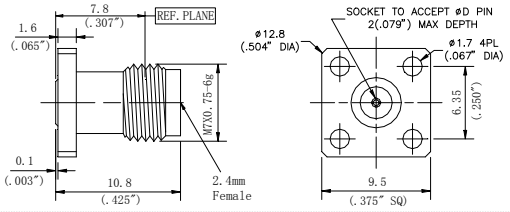
Interface Per IEC 61169

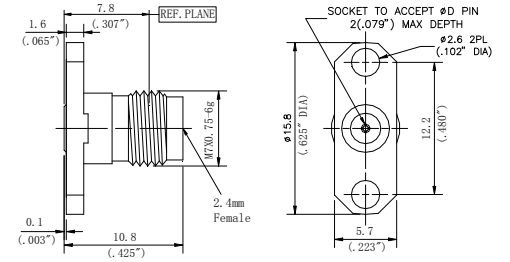
✧ 2.4mm Series Field Replaceable Flange Connectors

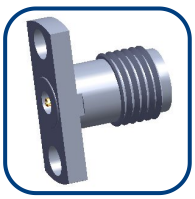


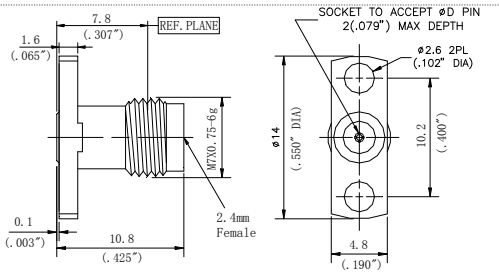


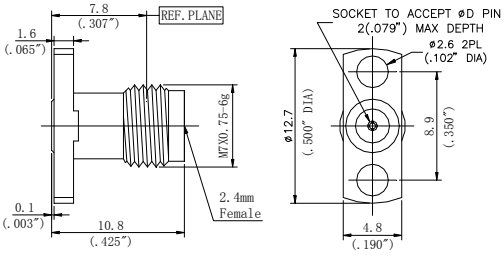


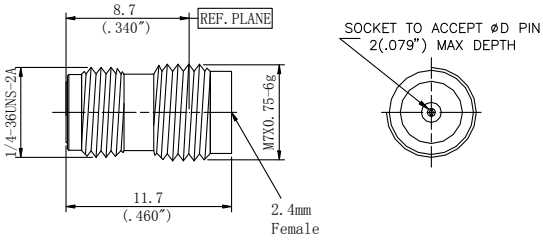


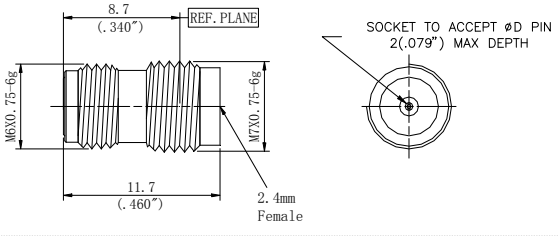


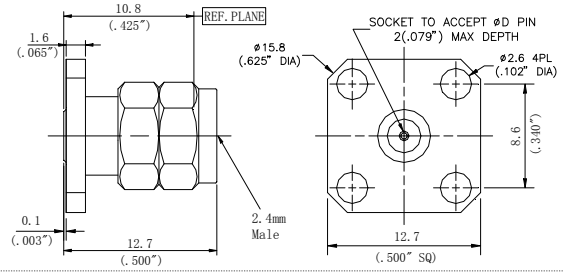


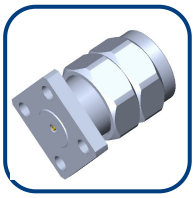


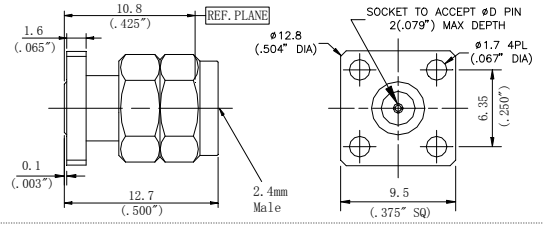


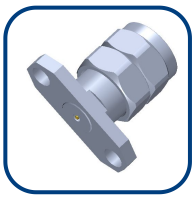


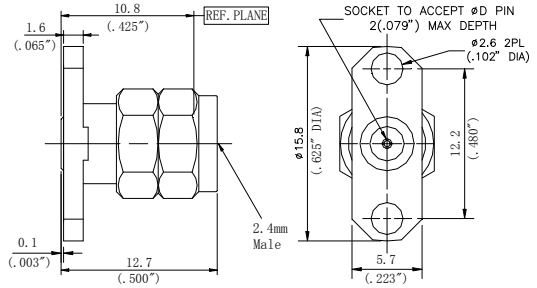



10.8
(.425")
REF. PLANE
1.6
(.065")
ø15.8
(.625" DIA)
SOCKET TO ACCEPT øD PIN
2(.079") MAX DEPTH
ø2.6 4PL
(.102" DIA)
8.6
(.340")
0.1
(.003")
12.7
(.500")
2.4mm
Male
12.7
(.500" SQ)




10.8
(.425")
REF. PLANE
1.6
(.065")
ø12.8
(.504" DIA)
SOCKET TO ACCEPT øD PIN
2(.079") MAX DEPTH
ø1.7 4PL
(.067" DIA)
6.35
(.250")
0.1
(.003")
12.7
(.500")
2.4mm
Male
9.5
(.375" SQ)

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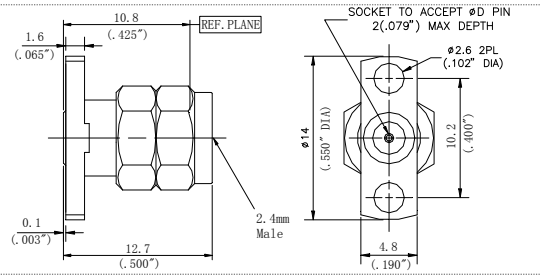
(.425")
REF. PLANE
1.6
(.065")
SOCKET TO ACCEPT øD PIN
2(.079") MAX DEPTH
ø2.6 2PL
(.102" DIA)
ø15.8
(.625" DIA)
12.2
(.480")
0.1
(.003")
12.7
(.500")
2.4mm
Male
5.7
(.223")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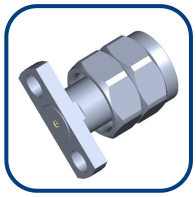
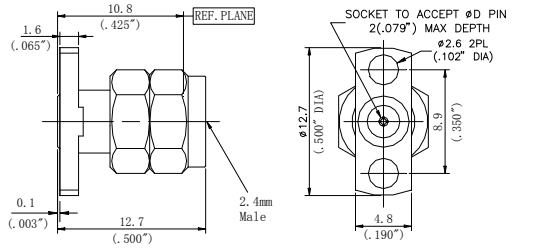
REF. PLANE
1.6
(.065")
SOCKET TO ACCEPT øD PIN
2(.079") MAX DEPTH
ø2.6 2PL
(.102" DIA)
ø14
(.550" DIA)
10.2
(.400")
0.1
(.003")
12.7
(.500")
2.4mm
Male
4.8
(.190")

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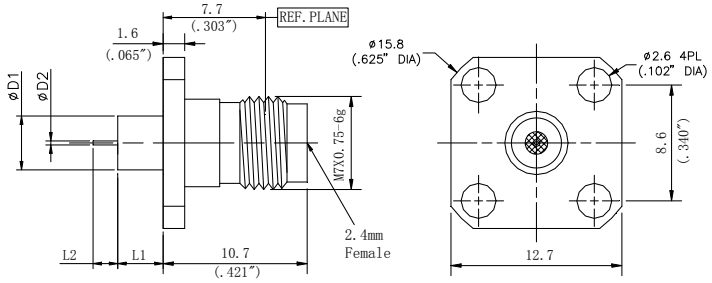
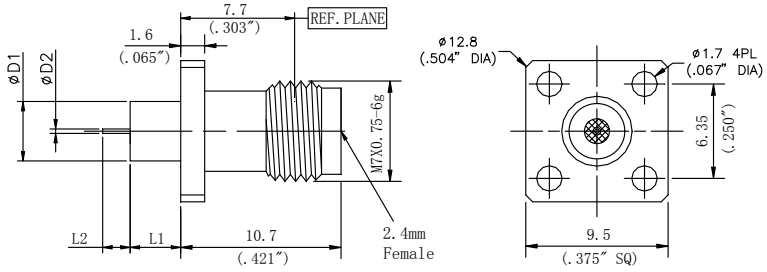
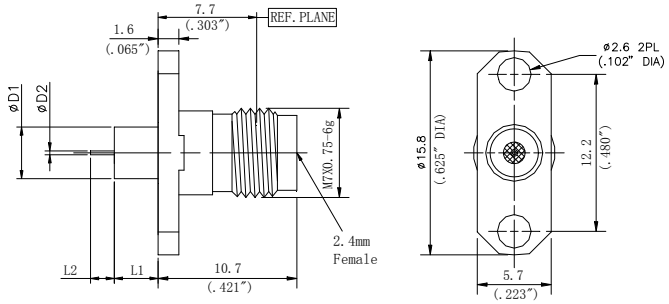
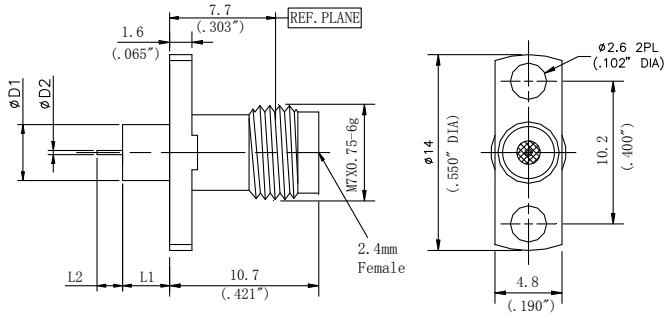
REF. PLANE
1.6
(.065")
SOCKET TO ACCEPT øD PIN
2(.079") MAX DEPTH
ø2.6 2PL
(.102" DIA)
ø12.7
(.500" DIA)
8.9
(.350")
0.1
(.003")
12.7
(.500")
2.4mm
Male
4.8
(.190")

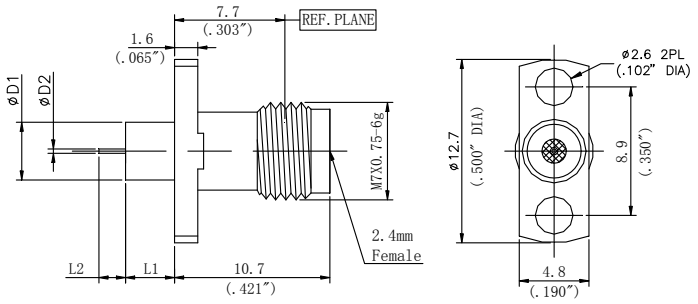
✧ 2.4mm Series Bulkhead Flange Connectors



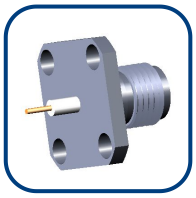


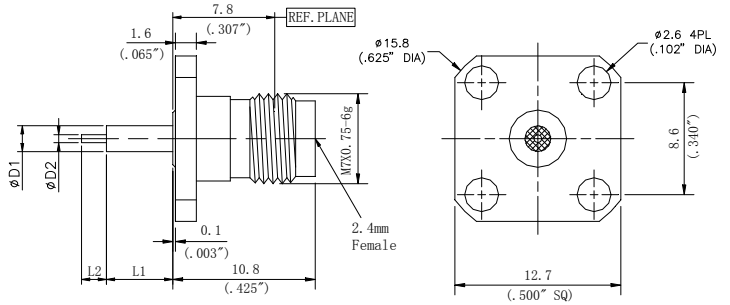


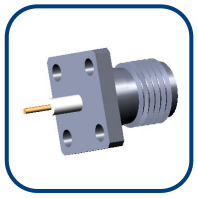


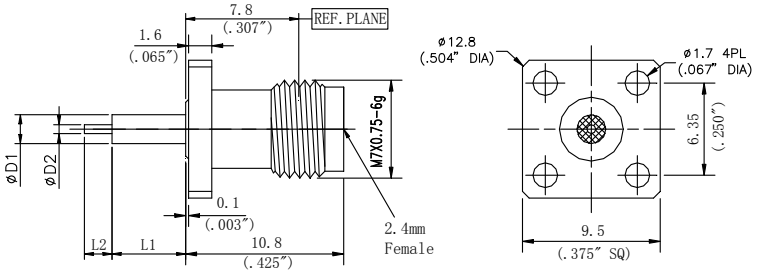

7.7
(.303")
REF. PLANE
1.6
(.065")
øD1
øD2
M7X0.75-6g
2.4mm
Female
L2
L1
10.7
(.421")
ø2.6 2PL
(.102" DIA)
ø12.7
(.500" DIA)
8.9
(.350")
4.8
(.190")

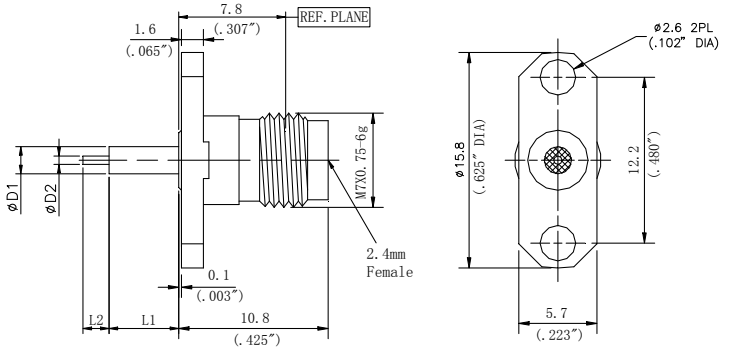
✧ 2.4mm Series Thread-in Connectors

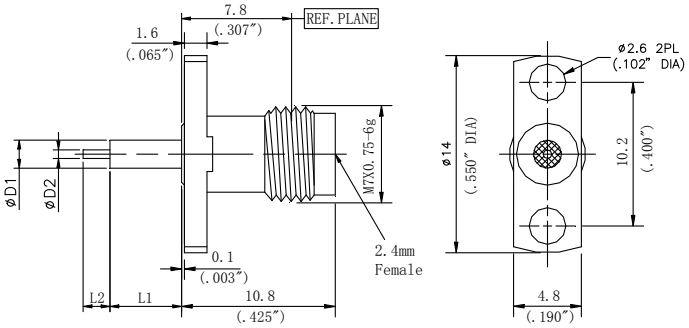


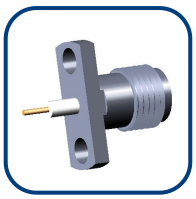


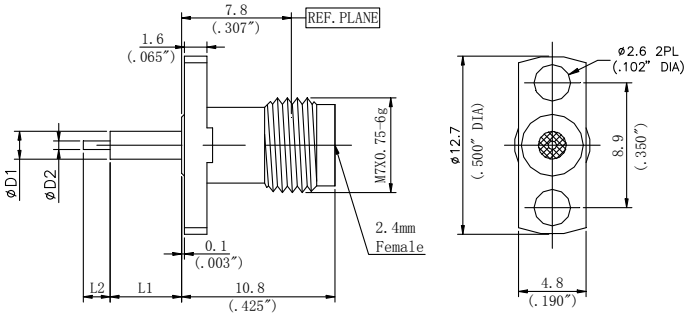







7.8
(.307")
REF. PLANE
1.6
(.065")
ØD1
ØD2
M7X0.75-6g
2.4mm
Female
0.1
(.003")
L2
L1
10.8
(.425")
ø2.6 2PL
(.102" DIA)
ø14
(.550" DIA)
10.2
(.400")
4.8
(.190")

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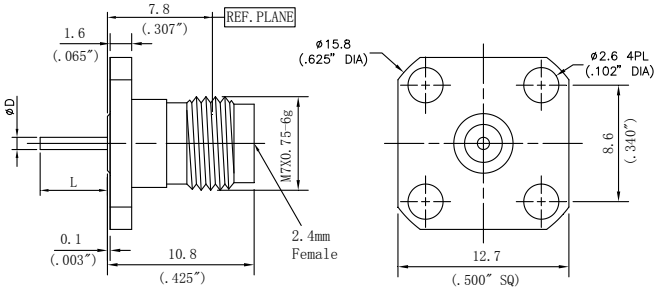
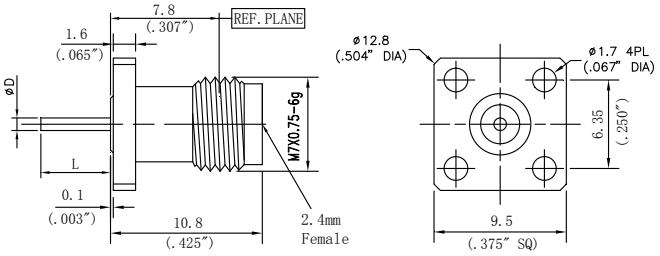
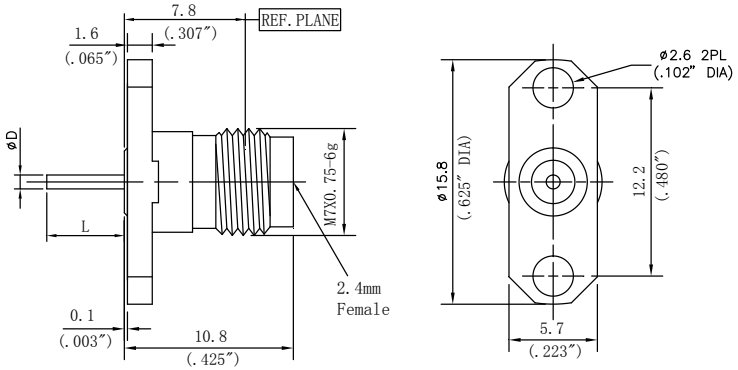
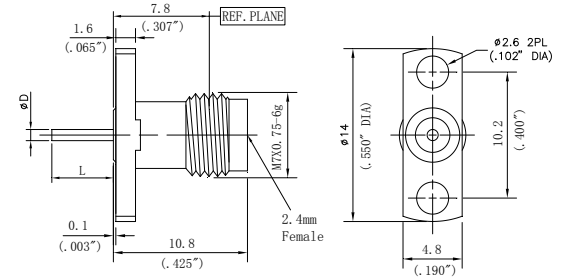
ØD1
ØD2
M7X0.75-6g
2.4mm
Female
0.1
(.003")
L2
L1
10.8
(.425")
ø2.6 2PL
(.102" DIA)
ø12.7
(.500" DIA)
8.9
(.350")
4.8
(.190")

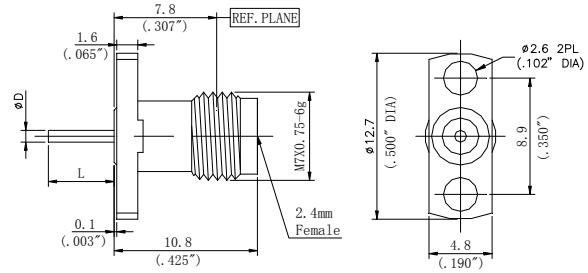
✧ 2.4mm Series Airline Bulkhead Connectors








7.8
(.307")
REF. PLANE
1.6
(.065")
øD
L
M7X0.75-6g
2.4mm
Female
0.1
(.003")
10.8
(.425")
ø2.6 2PL
(.102" DIA)
ø14
(.550" DIA)
10.2
(.400")
4.8
(.190")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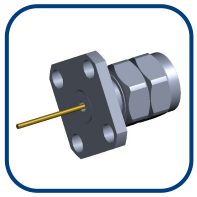
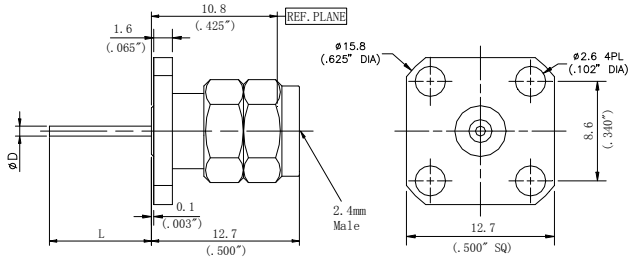
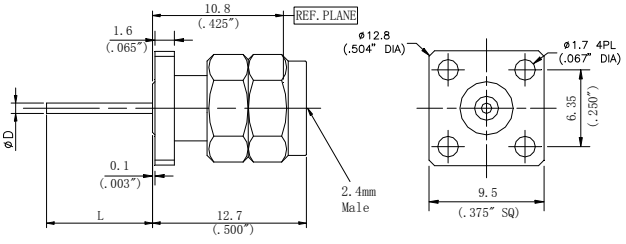
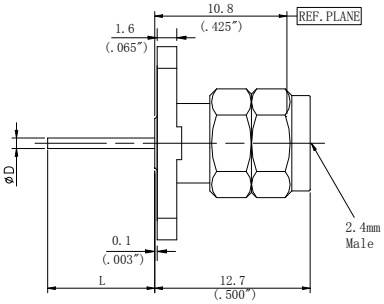
REF. PLANE
1.6
(.065")
øD
L
M7X0.75-6g
2.4mm
Female
0.1
(.003")
10.8
(.425")
ø2.6 2PL
(.102" DIA)
ø12.7
(.500" DIA)
8.9
(.350")
4.8
(.190")




10.8
(.425")
REF. PLANE
1.6
(.065")
ø15.8
(.625" DIA)
ø2.6 4PL
(.102" DIA)
øD
L
0.1
(.003")
12.7
(.500")
2.4mm
Male
8.6
(.340")
12.7
(.500" SQ)


10.8
(.425")
REF. PLANE
1.6
(.065")
ø12.8
(.504" DIA)
ø1.7 4PL
(.067" DIA)
øD
0.1
(.003")
L
12.7
(.500")
2.4mm
Male
6.35
(.250")
9.5
(.375" SQ)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REF. PLANE
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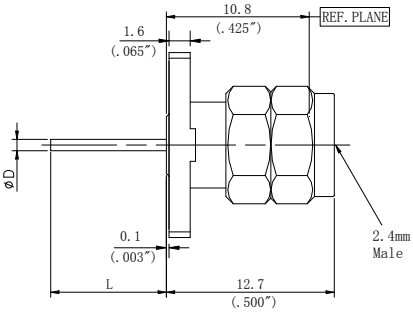
ØD
0.1
(.003")
L
12.7
(.500")
2.4mm
Male
Ø2.6 2PL
(.102" DIA)
Ø15.8
(.625" DIA)
12.2
(.480")
5.7
(.223")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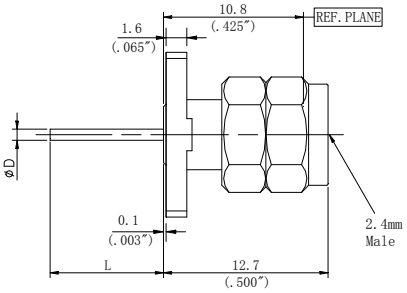
ØD
0.1
(.003")
L
12.7
(.500")
2.4mm
Male
Ø2.6 2PL
(.102" DIA)
Ø14
(.550" DIA)
10.2
(.400")
4.8
(.190")


10.8
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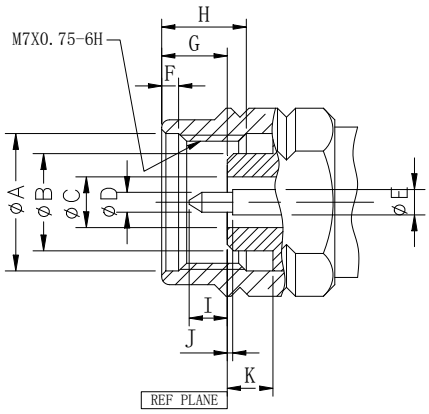
REF. PLANE
1.6
(.065")
ØD
0.1
(.003")
L
12.7
(.500")
2.4mm
Male
Ø2.6 2PL
(.102" DIA)
Ø12.7
(.500" DIA)
8.9
(.350")
4.8
(.190")

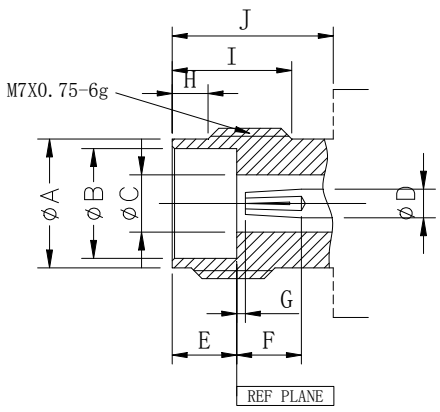
1.85mmConnector Series（DC~65GHz）

Performance Features
Impedance：50Ω
Frequency Range：DC~65GHz
VSWR：
DC~65GHz…… 1.25:1（Max）
Contact resistance： Centre Conductor ≤ 3.0mΩ Outer Conductor≤2.5mΩ
Insulation resistance：≥3000MΩ
Withstanding Voltage：500V
Durability：500 Cycles
Operating Temperature：-55℃~+165℃

Materials/Finishes
Housing：Type303 Stainless Stell-Polished&Passivated
Center Contact:Beryllium copper Plated Gold(Per MIL-G-45204)
Insulators:PEI

Interface Standards



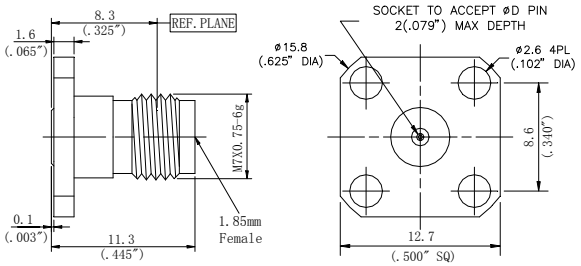


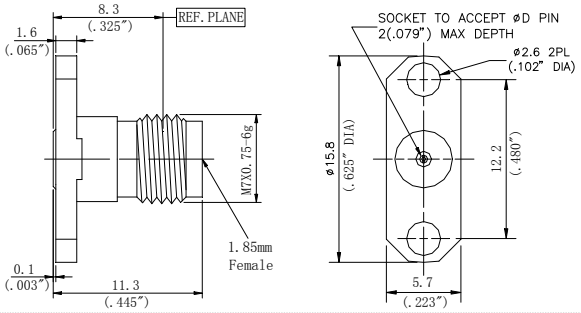
1.85mm Male				
	mm		Inch	
	Min	Max	Min	Max
A	7.01	7.11	0.276	0.280
B	4.725	4.75	0.186	0.187
C	1.84	1.86	0.07233	0.0733
D	0.50	0.52	0.0196	0.0206
E	0.7909	0.816	0.0311	0.0321
F	0.51	0. 76	0.020	0.030
G	1.85	2.45	0.073	0.096
H	4.37	4.62	0.172	0.182
I	1.35	1.45	0.053	0.057
J	0	0.076	——	0.003
K	3.38	3.48	0.133	0.137

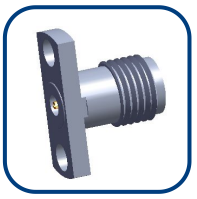
1.85mm Female				
	mm		Inch	
	Min	Max	Min	Max
A	5.79	5.89	0.228	0.232
B	4.77	4.795	0.1878	0.1888
C	1.84	1.86	0.07233	0.07333
D	0.79	0.82	0.0311	0.0321
E	3.00	3.10	0.118	0.122
F	2.64	——	0.104	——
G	0	0.076	0	0.003
H	1.37	1.63	0.054	0.064
I	4.80	5.05	0.189	0.199
J	6	——	0.236	——

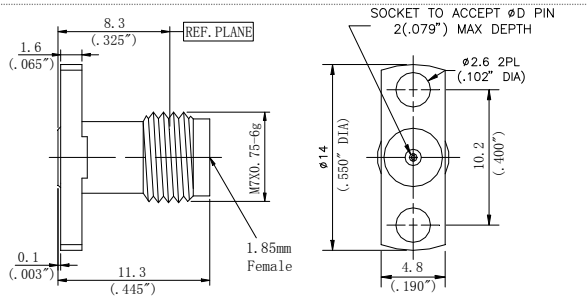
Interface Per IEC 61169

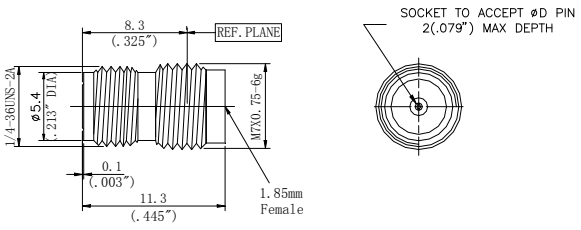
✧ 1.85mm Series Field Replaceable Flange Connectors

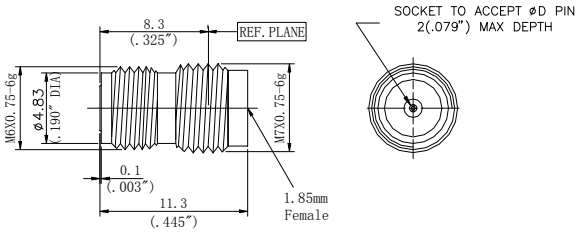


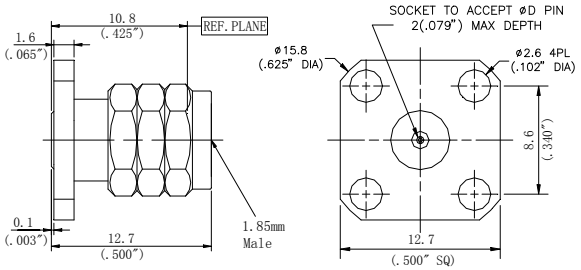


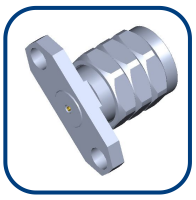


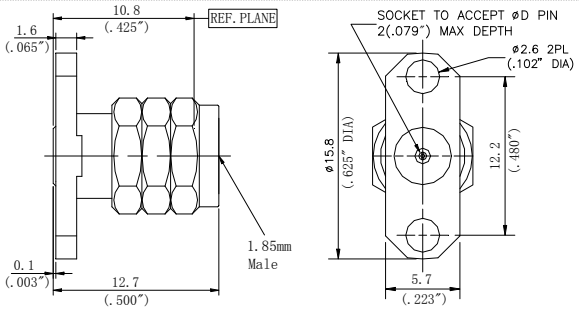


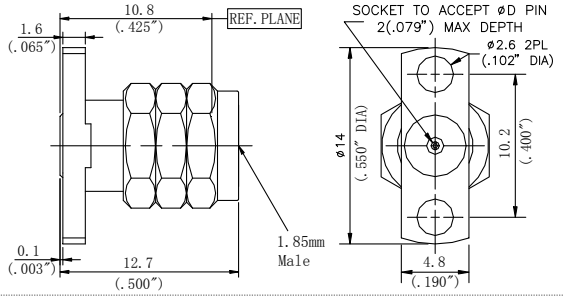








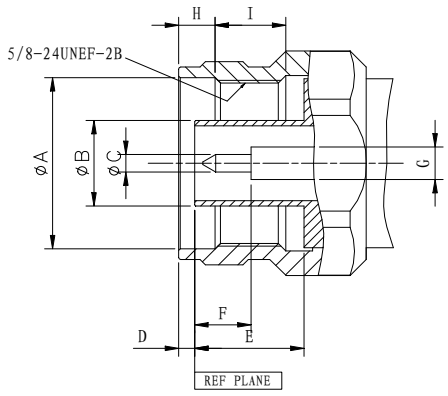

10.8
(.425")
REF. PLANE
1.6
(.065")
0.1
(.003")
12.7
(.500")
1.85mm
Male
SOCKET TO ACCEPT øD PIN
2(.079") MAX DEPTH
ø2.6 2PL
(.102" DIA)
ø15.8
(.625" DIA)
12.2
(.480")
5.7
(.223")

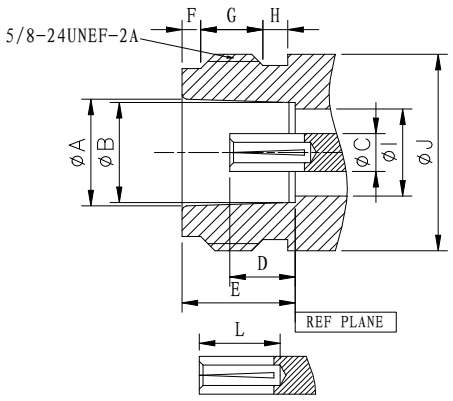

10.8
(.425")
REF. PLANE
1.6
(.065")
0.1
(.003")
12.7
(.500")
1.85mm
Male
SOCKET TO ACCEPT øD PIN
2(.079") MAX DEPTH
ø2.6 2PL
(.102" DIA)
ø14
(.550" DIA)
10.2
(.400")
4.8
(.190")

N Type Connector Series（DC~18GHz）

Performance Features	Materials/Finishes
Impedance：50Ω	Housing:Type303 Stainless Steel -Polished&Passivated
Frequency Range：DC~18GHz	Centre Contact:Beryllium Copper Plated Gold(Per MIL-G-45204)
VSWR：	Insulators:PTFE&PEI
DC~18GHz…… 1.15:1（Max）	
Contact resistance：Centre Conductor≤1.0mΩ Outer Conductor≤0.2mΩ	
Insulation resistance：≥5000MΩ	
Withstanding Voltage：1500V	
Durability：500 Cycles	
Operating Temperature：-55℃~+165℃	

Interface Standards



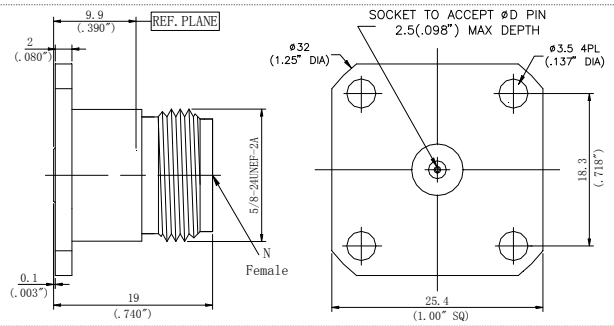


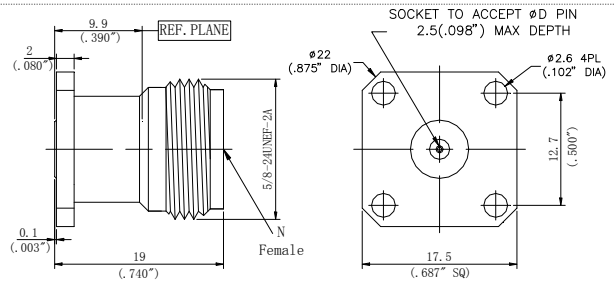
N Type Male				
	mm		Inch	
	Min	Max	Min	Max
A	16.00	——	0.630	——
B	7.98	8.04	0.3140	0.3165
C	1.64	1.67	0.0644	0.0656
D	0.28	1.30	0.011	0.051
E	9.19	9.45	0.362	0.372
F	5.28	5.36	0.208	0.211
G	3.03	3.05	0.1194	0.1200
H	4.01	4.27	0.158	0.168
I	4.50	5.00	0.177	0.197

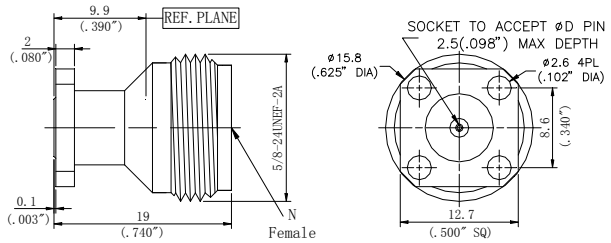
N Type Female				
	mm		Inch	
	Min	Max	Min	Max
A	8.53	8.74	0.336	0.344
B	8.05	8.10	0.317	0.319
C	3.03	3.05	0.1194	0.1200
D	5.18	5.26	0.204	0.207
E	9.07	9.17	0.357	0.361
F	1.19	1.96	0.047	0.077
G	4.57	5.59	0.180	0.220
H	1.02	2.03	0.040	0.080
I	6.99	7.01	0.2753	0.2759
J	——	15.93	——	0.627

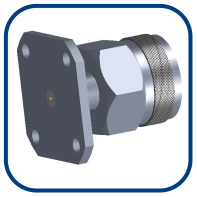
Interface Per MIL-STD-348A

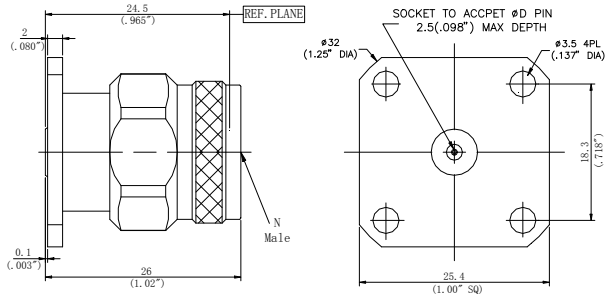
✧ N Series Field Replaceable Flange Connectors

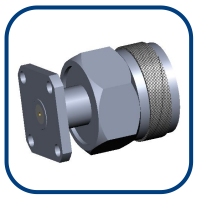


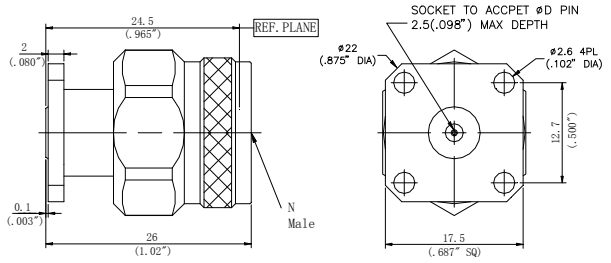


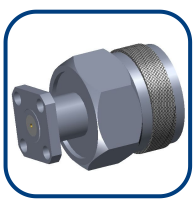


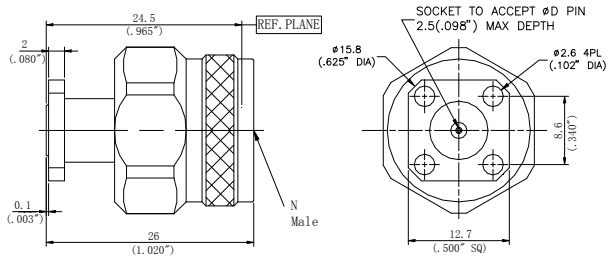




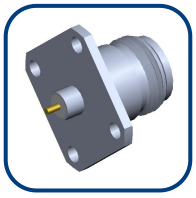


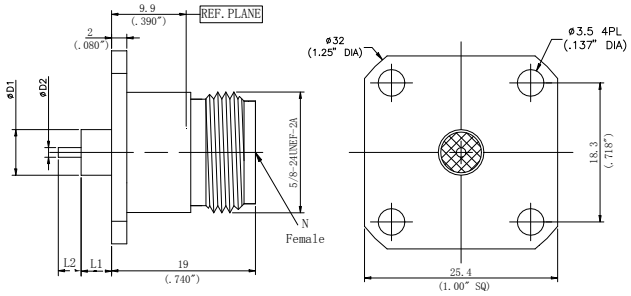


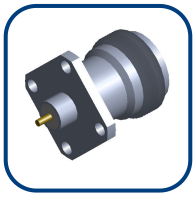


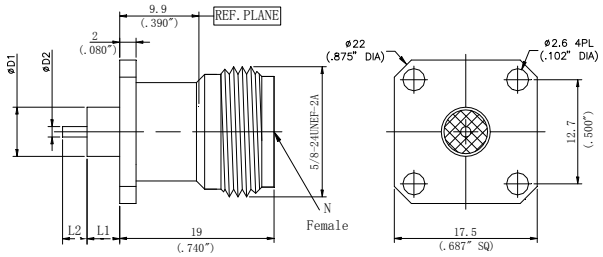


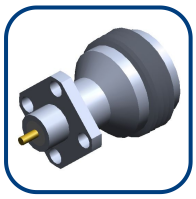
✧ N Series Bulkhead Flange Connectors

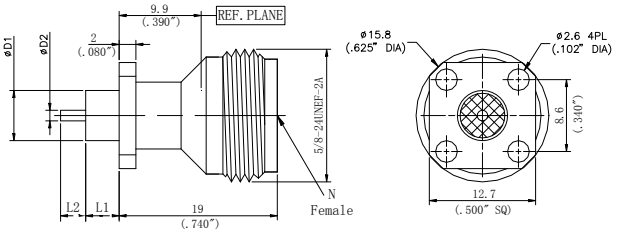


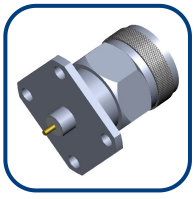


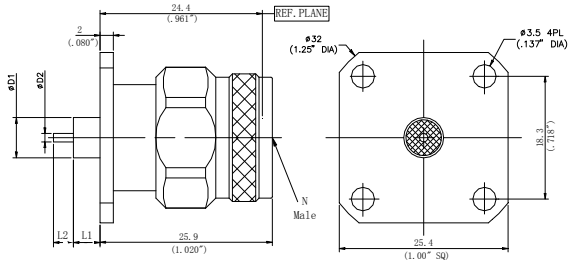


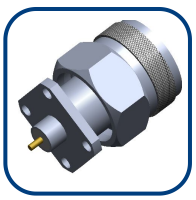


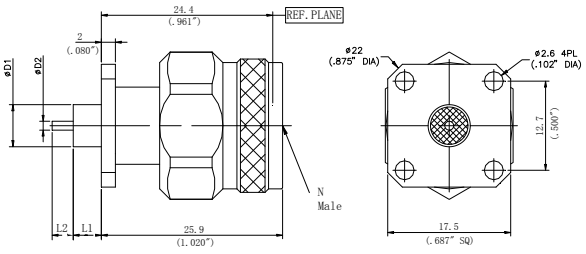




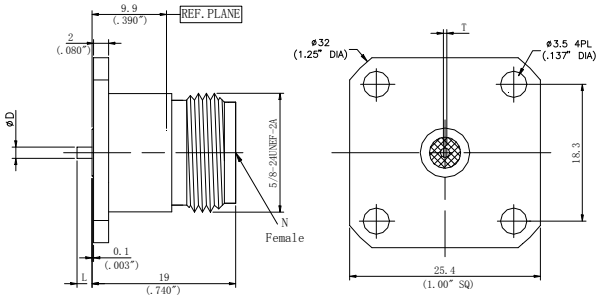


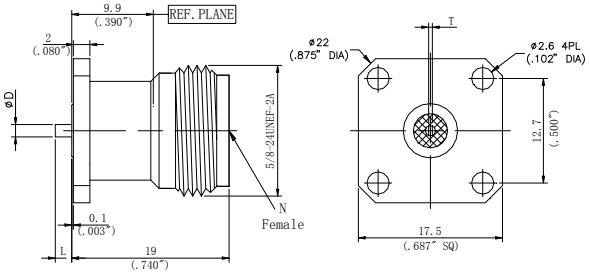


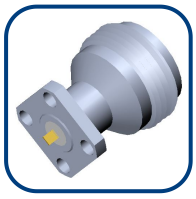


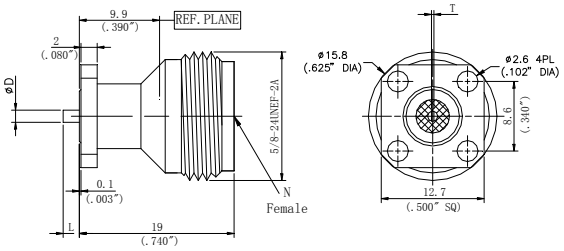


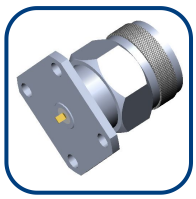
✧ N Series Straight Connectors

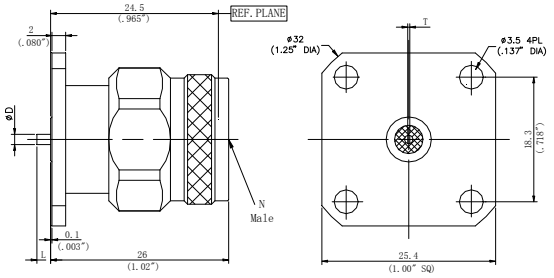


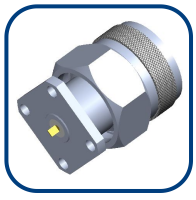


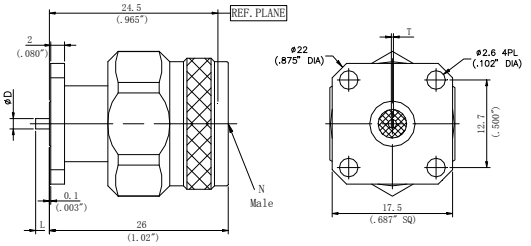




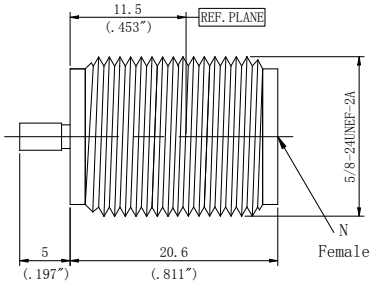


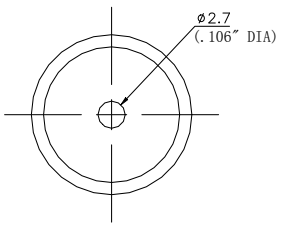






✧ N Series Bulkhead Thread-in Connectors





TNCA Type Connector Series（DC~18GHz）

Performance Features

Impedance: 50Ω

Frequency Range: DC~18GHz

VSWR:

DC~18GHz···· 1.15:1（Max）

Contact resistance: Centre Conductor ≤1.5mΩ

Outer Conductor≤0.2mΩ

Operating Temperature: -55℃~+165℃

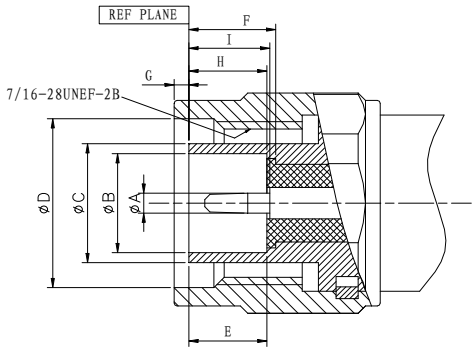
Materials/Finishes

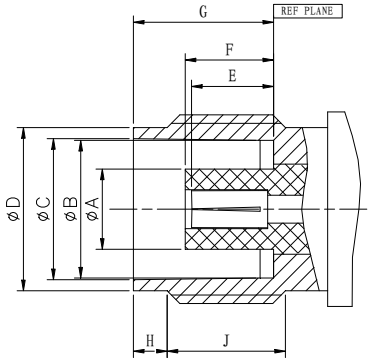
Housing:Type 303 Stainless Steel Polished&Passivated

Centre Conductor: Beryllium Plated Gold(Per MIL-G-45204)

Insulators: PTFE&PEI

Interface Standards



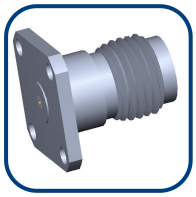


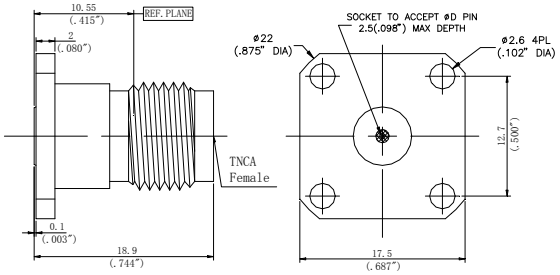
TNCA Male				
	mm		Inch	
	Min	Max	Min	Max
A	1.32	1.37	0.052	0.054
B	6.05	6.15	0.238	0.242
C	7.98	8.08	0.314	0.318
D	11.18	——	0.440	——
E	5.28	——	0.208	——
F	5.38	——	0.212	——
G	5.28	——	0.208	——
H	5.28	——	0.208	——

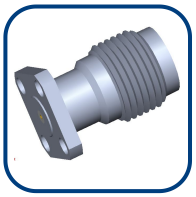
TNCA Female				
	mm		Inch	
	Min	Max	Min	Max
A	4.62	4.72	0.182	0.186
B	8.10	8.15	0.319	0.321
C	8.31	8.46	0.327	0.333
D	9.60	9.68	0.378	0.381
E	5.03	5.28	0.198	0.208
F	5.03	5.28	0.198	0.208
G	8.31	8.51	0.327	0.335
H	1.73	2.24	0.068	0.088
J	4.75	——	0.187	——

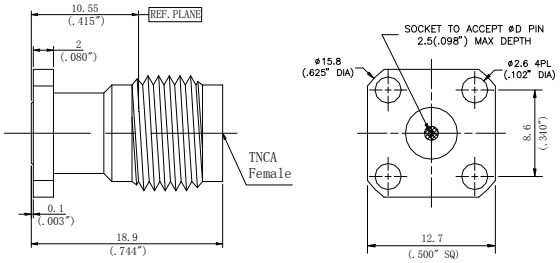
Interface Per MIL-STD-348A

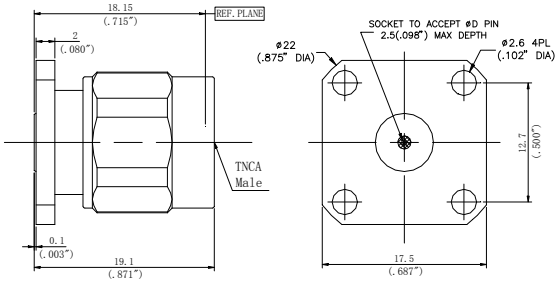
✧ TNCA Series Field Replaceable Flange Connectors



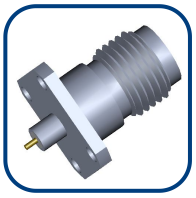


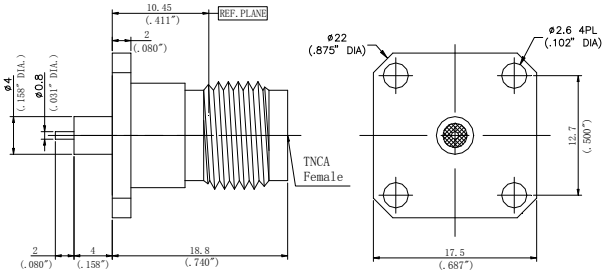


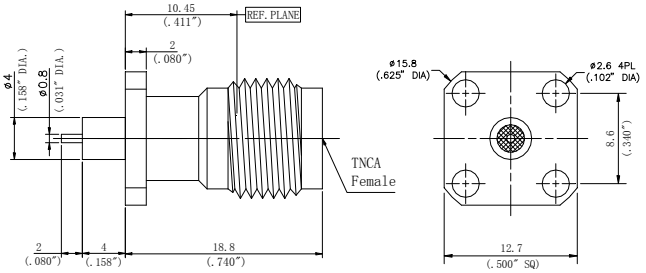




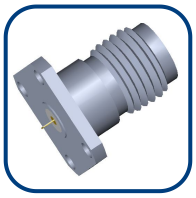
✧ TNCA Series Bulkhead Flange Connectors

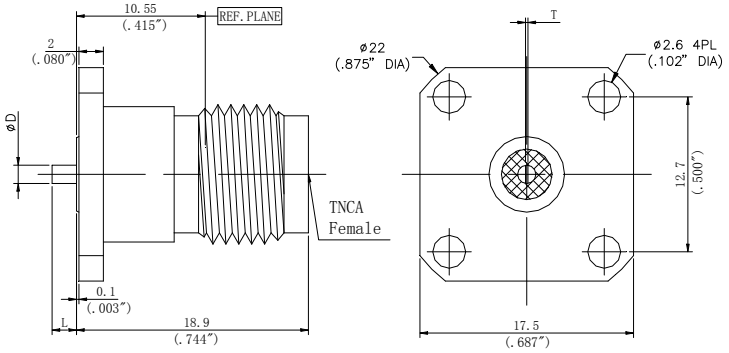


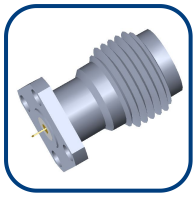


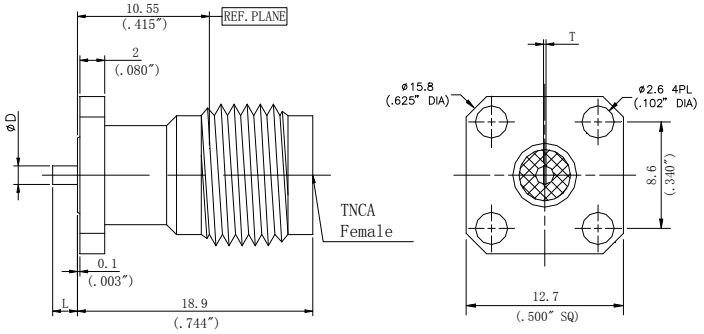


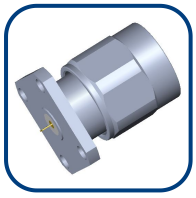
✧ TNCA Series Straight Connector

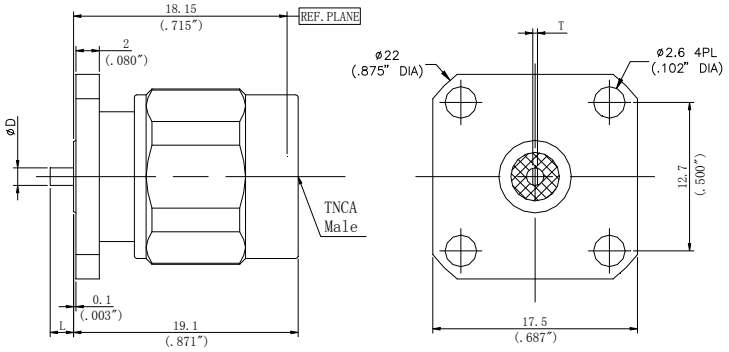












SSMA Connector Series（DC~40GHz）

Performance Features

Impedance: 50Ω

Frequency Range: DC~40GHz

VSWR:

DC~40GHz···· 1.20:1（Max）

Contact resistance: Centre Conductor≤5.0mΩ
Outer Conductor≤2.5mΩ

Insulation resistance: ≥1000MΩ

Withstanding Voltage: 750V

Durability: 500 Cycles

Operating Temperature: -55℃~+165℃

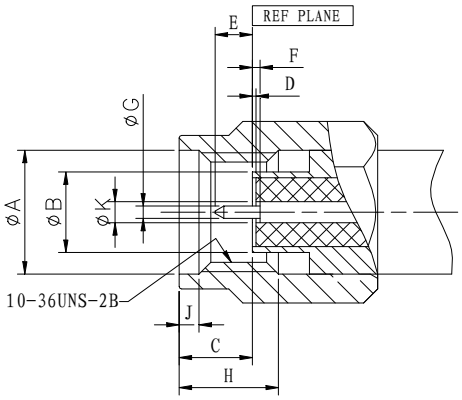
Materials/Finishes

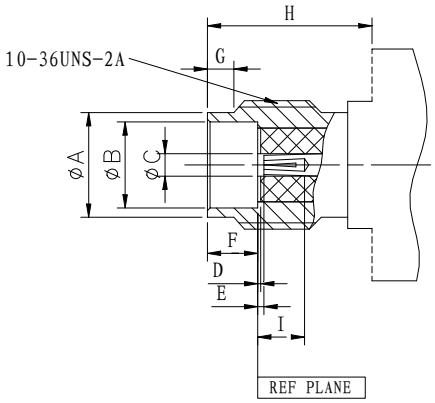
Housing:Type 303 Stainless Steel -Polished&Passivated

Center Contact:Beryllium Plated Gold

Insulators:PTFE&PEI

Interface Standards



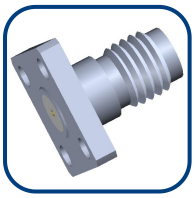


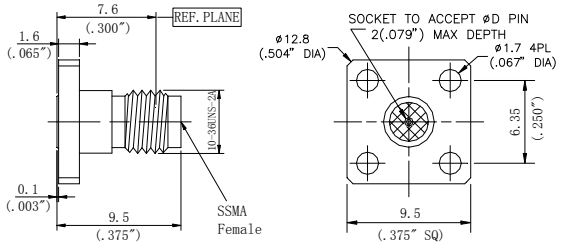
SSMA Male				
	mm		Inch	
	Min	Max	Min	Max
A	4.98	5.13	0.196	0.202
B	3.15	3.22	0.124	0.1268
C	2.54	3.38	0.100	0.133
D	0.00	0.25	0.000	0.010
E	1.27	1.65	0.050	0.065
F	0.00	0.25	0.000	0.010
G	0.50	0.53	0.0195	0.0208
H	3.30	——	0.130	——
J	0.38	1.14	0.015	0.045
K	0.85	0.88	0.0335	0.0348

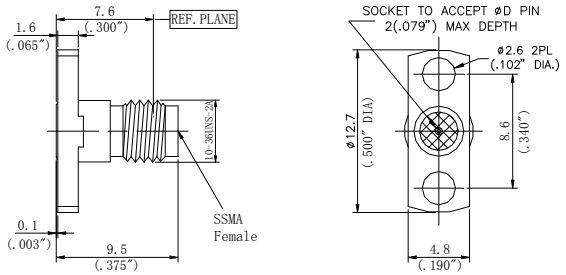
SSMA Female				
	mm		Inch	
	Min	Max	Min	Max
A	3.89	4.06	0.153	0.160
B	3.23	3.30	0.127	0.130
C	0.851	0.884	0.0335	0.0348
D	0.00	0.25	0.000	0.010
E	0.00	0.25	0.000	0.010
F	1.90	1.96	0.075	0.077
G	0.51	1.02	0.020	0.040
H	5.84	——	0.230	——
I	1.91	——	0.075	——

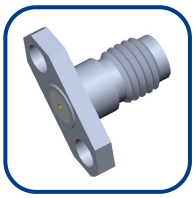
Interface : Per MIL-STD-348A

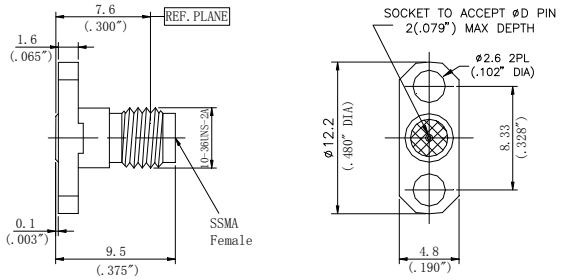
✧ SSMA Series Field Replaceable Flange Connectors

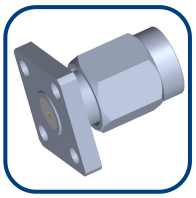


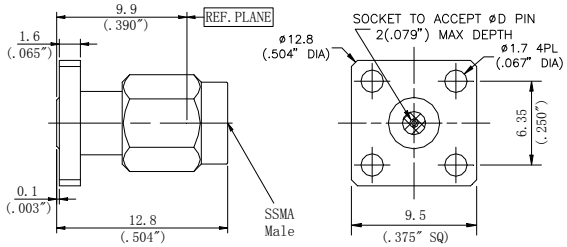

7.6
(.300")
REF. PLANE
1.6
(.065")
10-36UNS-2A
0.1
(.003")
9.5
(.375")
SSMA
Female
SOCKET TO ACCEPT ØD PIN
2(.079") MAX DEPTH
ø12.8
(.504" DIA)
ø1.7 4PL
(.067" DIA)
6.35
(.250")
9.5
(.375" SQ)

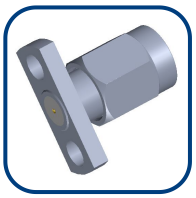

7.6
(.300")
REF. PLANE
1.6
(.065")
10-36UNS-2A
0.1
(.003")
9.5
(.375")
SSMA
Female
SOCKET TO ACCEPT ØD PIN
2(.079") MAX DEPTH
ø2.6 2PL
(.102" DIA.)
ø12.7
(.500" DIA)
8.6
(.340")
4.8
(.190")

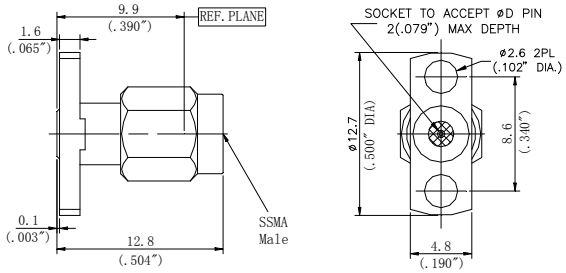


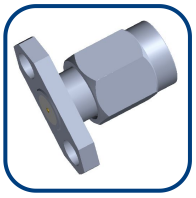

7.6
(.300")
REF. PLANE
1.6
(.065")
10-36UNS-2A
0.1
(.003")
9.5
(.375")
SSMA
Female
SOCKET TO ACCEPT ØD PIN
2(.079") MAX DEPTH
ø2.6 2PL
(.102" DIA)
ø12.2
(.480" DIA)
8.33
(.328")
4.8
(.190")

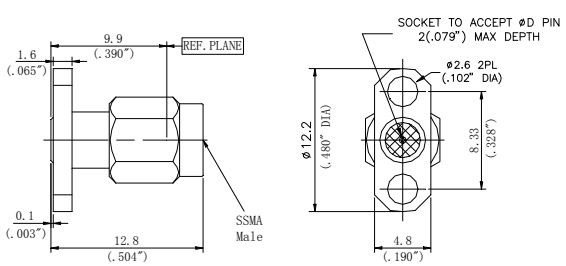



9.9
(.390")
REF. PLANE
1.6
(.065")
0.1
(.003")
12.8
(.504")
SSMA
Male
SOCKET TO ACCEPT ØD PIN
2(.079") MAX DEPTH
ø12.8
(.504" DIA)
ø1.7 4PL
(.067" DIA)
6.35
(.250")
9.5
(.375" SQ)

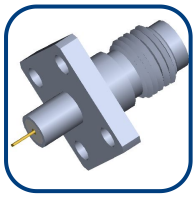


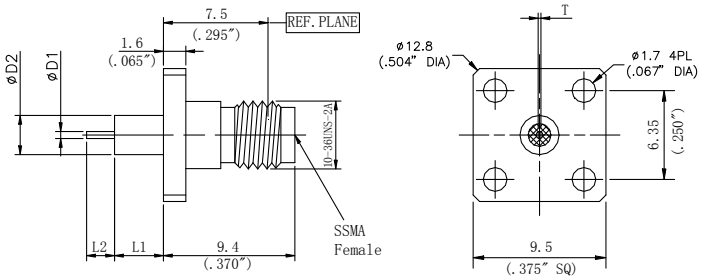

9.9
(.390")
REF. PLANE
1.6
(.065")
0.1
(.003")
12.8
(.504")
SSMA
Male
SOCKET TO ACCEPT ØD PIN
2(.079") MAX DEPTH
ø2.6 2PL
(.102" DIA.)
ø12.7
(.500" DIA)
8.6
(.340")
4.8
(.190")

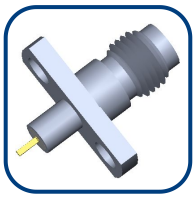


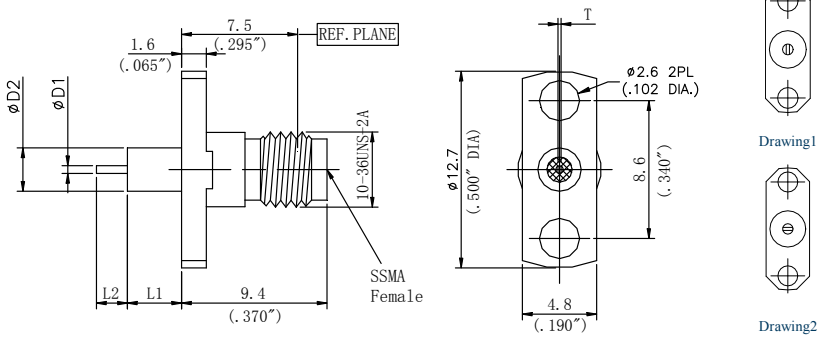

9.9
(.390")
REF. PLANE
1.6
(.065")
0.1
(.003")
12.8
(.504")
SSMA
Male
SOCKET TO ACCEPT ØD PIN
2(.079") MAX DEPTH
ø2.6 2PL
(.102" DIA)
ø12.2
(.480" DIA)
8.33
(.328")
4.8
(.190")

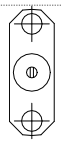
✧ SSMA Series Bulkhead Flange Connectors





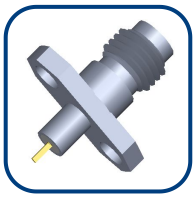


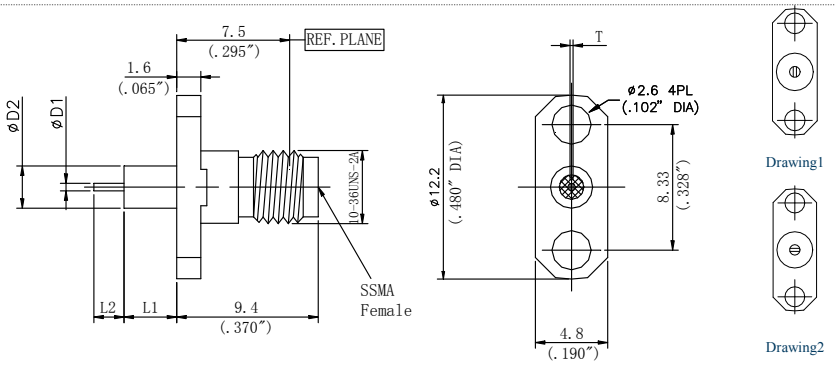


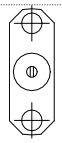


Drawing1

Drawing2







Drawing1

Drawing2

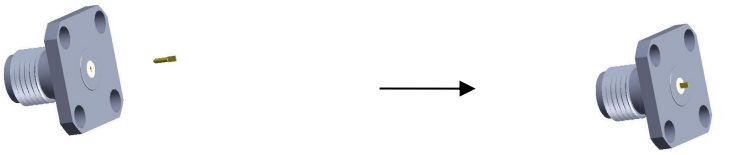
Combined Connector

The Combined adapter including a replaceable connector and a pin.

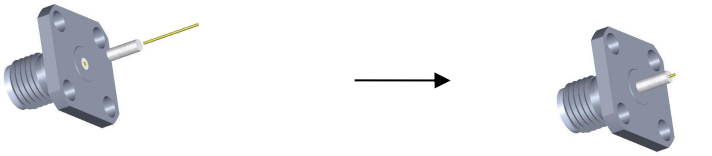
There are various types of these parts, this solution can short the delivery and low the cost.

Structure types:

Replace Airline Bulkhead Connecto`r



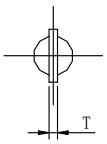
Replace Straight Connector

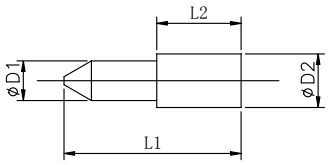


Replace Thread-in Connectors

✧ Pin Specification

1. Flat Pin

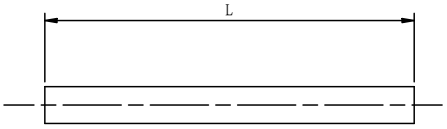


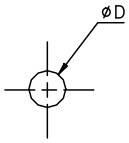


Part no.	ΦD1	ΦD2	L1	L2	T
L10S36	0.91mm/0.036 "	1.27mm/0.05 "	4.2mm/0.165 "	2mm/0.079 "	0.2mm/0.008 "
L10S20	0.51mm/0.020 "	0.6mm/0.024 "	2.8mm/0.110 "	1mm/0.04 "	0.15mm/0.006 "

Note：The part no. Designation of flat pin——D550S20F01 with L10S20, the final part no. Become :D550L10S20F01。

2. Round Pin

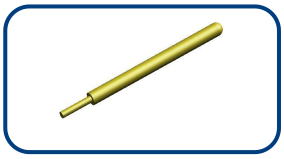


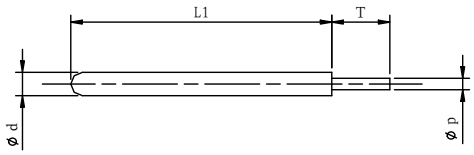


Part no.	L04S20	L03S20	L04S18	L03S18	L04S15	L03S15	L04S12	L03S12
L	7.5mm/0.295”	6.5mm/0.256”	7.5mm/0.295”	6.5mm/0.256”	7.5mm/0.295”	6.5mm/0.256”	7.5mm/0.295”	6.5mm/0.256”
ΦD	0.51mm/0.02 "		0.46mm/0.018”		0.38mm/0.015”		0.30mm/0.012”	

Note: The standard hope depth of SMA\2.92mm\2.4mm\SSMA replaceable Adapter is 2mm, N\TNCA replaceable Adapter is 2.5mm。

3. Ladder Round Pin

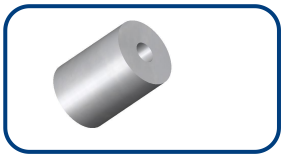


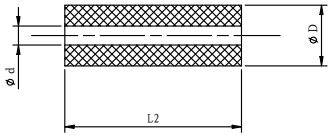


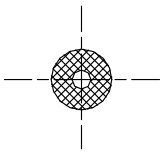
Part no.	L05S20A	L06S20A
Φd	0.51mm/0.02 "	
L1	4.1mm/0.160”	5.7mm/0.225”
T	1.27mm/0.05”	
Φp	0.254mm/0.01”	

Note: The standard hole depth of SMA\2.92mm\2.4mm\SSMA replaceable Adapter is 2mm, N\TNCA replaceable Adapter is 2.5mm。

4. (PTFE)







RF Coaxial Adapters

IN-series Adapter

✧ TNC-TNC Adapter (DC~11GHz)

Performance Features

Impedance: 50Ω

Frequency Range: DC~11GHz

Durability: 500 Cycles

Operating Temperature: -55℃~+165℃

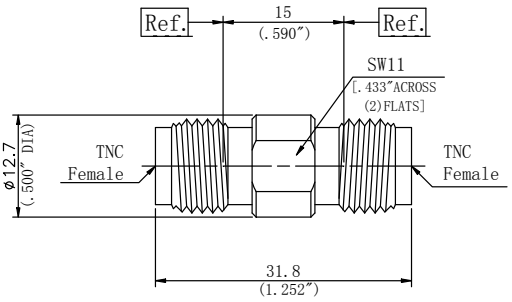
Materials/Finishes

Housing:Type 303 Stainless Steel -Polished&Passivated

Center Contact:Beryllium Copper Plated Gold(Per MIL-G-45204)

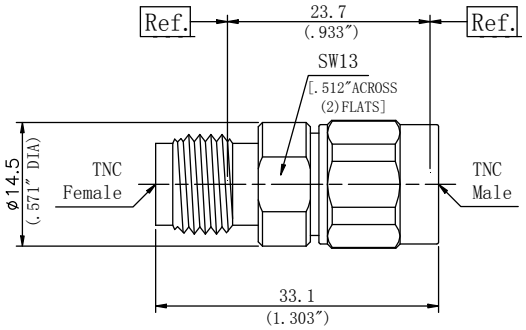
Insulators: PEI&PTFE

Interface TNC Per MIL-STD-348A

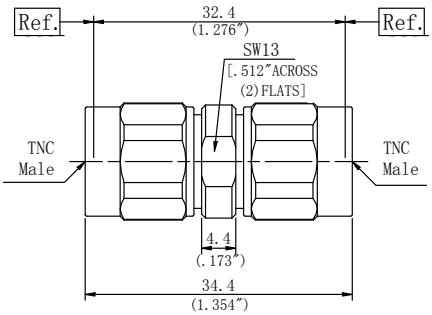


TNC (F) To TNC (F)

VSWR DC-11GHz 1.15:1 (Max)



TNC (M) To TNC (F)
VSWR : DC-11GHz....1.15:1 (Max)



TNC (M) To TNC (M)
VSWR : DC-11GHz....1.15:1 (Max)

✧ TNCA-TNCA Adapter (DC~18GHz)

Performance Features

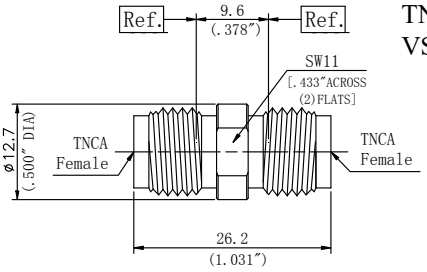
Impedance: 50Ω
Frequency Range: DC~18GHz

Durability: 500Cycles
Operating Temperature: -55℃~+165℃

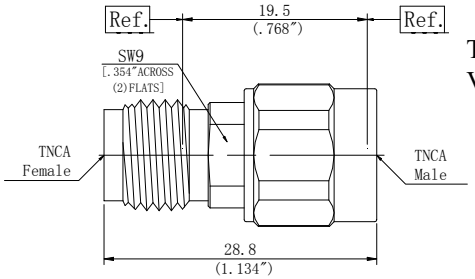
Materials/Finishes

Housing:Type 303 Stainless Steel -Polished&Passivated
Center Contact:Beryllium Copper Plated Gold(Per MIL-G-45204)
Insulators:PEI&PTFE

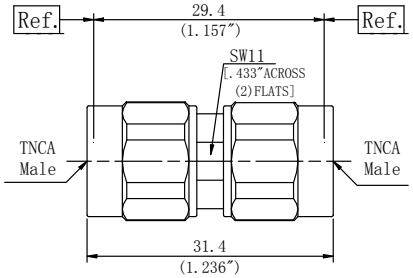
Interface TNCA Per MIL-STD-348A



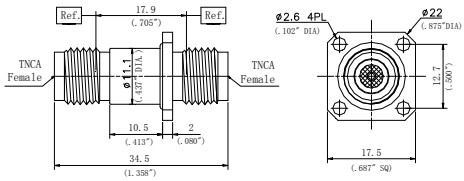
TNCA (F) To TNCA (F)
VSWR : DC-18GHz 1.25:1(max)



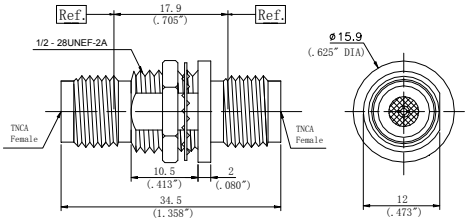
TNCA (M) To TNCA (F)
VSWR : DC-18GHz 1.25:1(max)



TNCA (M) To TNCA (M)
VSWR : DC-18GHz 1.25:1(max)



TNCA(F) To TNCA (F) 4 Hole
VSWR : DC-18Ghz 1.25:1(Max)



TNCA(F) To TNCA (F) BH
VSWR : DC-18Ghz 1.25:1(Max)

✧ BNC-BNC Adapter (DC~8GHz)

Performance Features

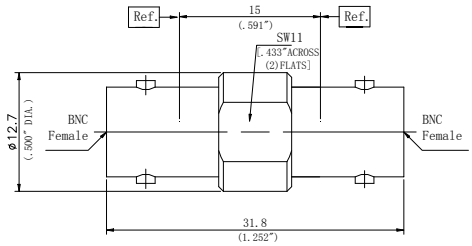
Impedance: 50Ω
Frequency Range: DC~8GHz

Durability: 500Cycles
Operating Temperature: -55℃~+165℃

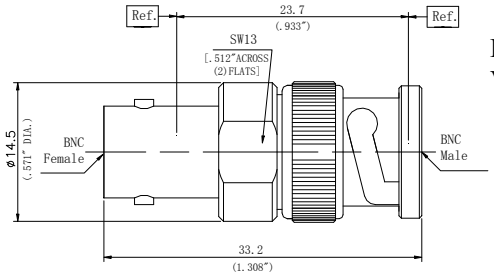
Materials/Finishes

Housing:Type 303 Stainless Steel -Polished&Passivated
Center Contact:Beryllium Copper Plated Gold(Per MIL-G-45204)
Insulators:PEI&PTFE

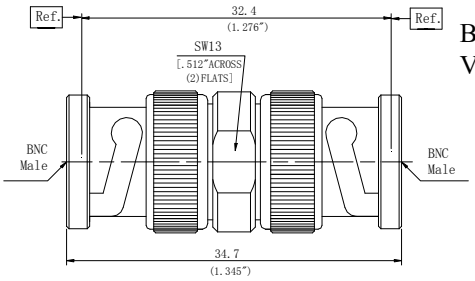
Interface BNC Per MIL-STD-348A



BNC (F) To BNC (F)
VSWR : DC-8GHz 1.15:1 (max)



BNC (M) To BNC (F)
VSWR : DC-8GHz 1.15:1 (max)



BNC (M) To BNC (M)
VSWR : DC-8GHz 1.15:1 (max)

✧ N-N Adapter (DC~18GHz)

Performance Features

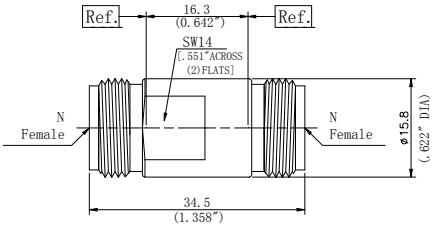
Impedance: 50Ω
Frequency Range: DC~18GHz

Durability: 500Cycles
Operating Temperature: -55℃~+165℃

Materials/Finishes

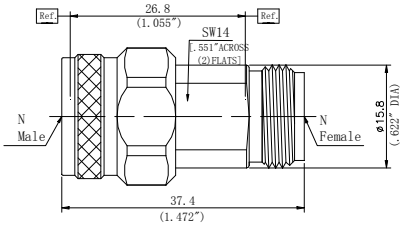
Housing:Type 303 Stainless Steel -Polished&Passivated
Center Contact:Beryllium Copper Plated Gold(Per MIL-G-45204)
Insulators:PEI

Interface N Type Per MIL-STD-348A

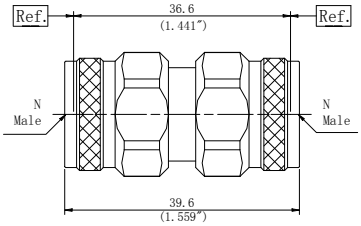


N（f）to N（f）

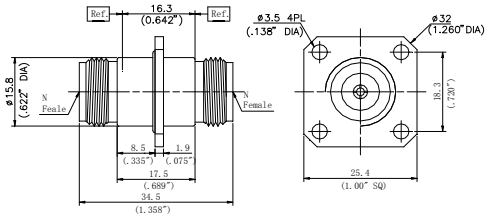
VSWR : DC-18GHz 1.15:1（max）



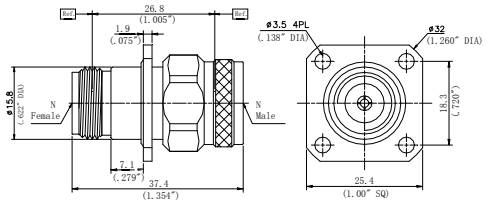
N(M) To N(F)
VSWR : DC-18GHz 1.15:1(max)



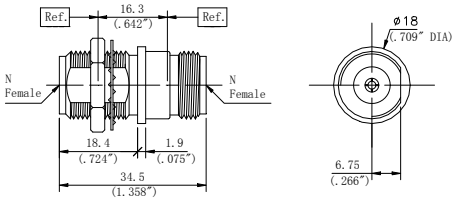
N(M) To N(M)
VSWR : DC-18GHz 1.15:1(max)



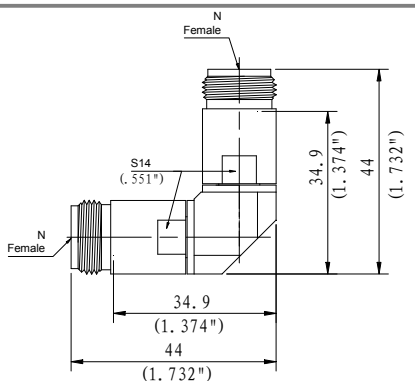
N(F) To N(F)
VSWR : DC-18GHz 1.15:1(max)



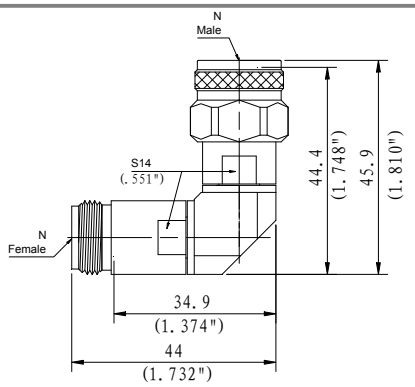
N(M) To N(F)
VSWR : DC-18GHz 1.15:1(max)



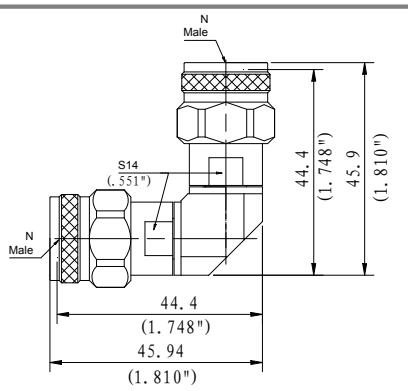
N (F) To N (F)
VSWR : DC-18GHz 1.15:1(max)



N(F) To N(F) RA
VSWR : DC-18GHz 1.15:1(max)



N(M) To N(F) RA
VSWR : DC-18GHz 1.15:1(max)



N (M) To N (M) RA
VSWR : DC-18GHz 1.15:1(max)

✧ SMA-SMA Adapter (DC~27GHz)

Performance Features

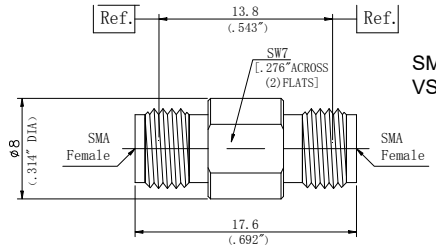
Impedance: 50Ω
Frequency Range: DC~27GHz

Durability: 500Cycles
Operating Temperature: -55℃~+165℃

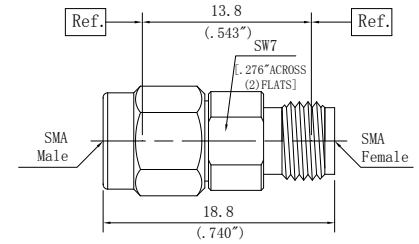
Materials/Finishes

Housing:Type 303 Stainless Steel -Polished&Passivated
Center Contact:Beryllium Copper Plated Gold(Per MIL-G-45204)
Insulators:PEI&PTFE

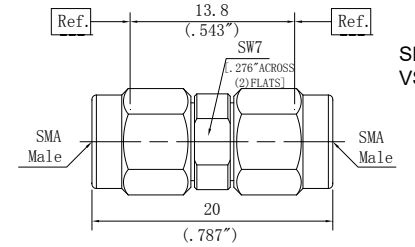
Interface SMA Per MIL-STD-348A



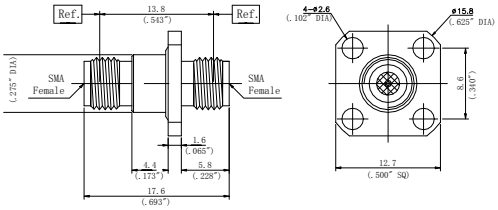
SMA (F) To SMA (F)
VSWR : DC-27GHz 1.15:1 (max)



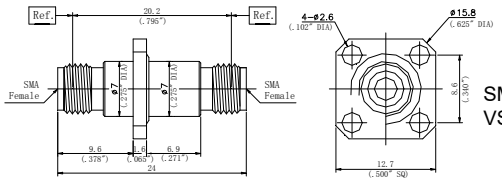
SMA (M) To SMA (F)
VSWR : DC-27GHz 1.15:1 (max)



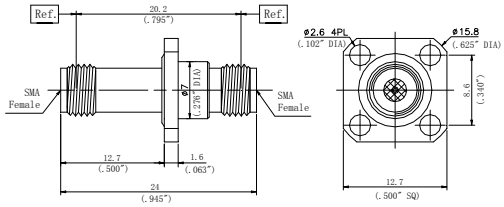
SMA (M) To SMA (M)
VSWR : DC-27GHz 1.15:1 (max)



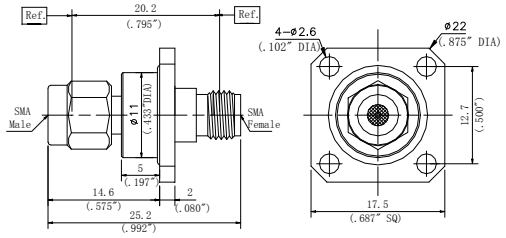
SMA (F) To SMA (F) 4 Hole
VSWR : DC-27GHz 1.15:1 (max)

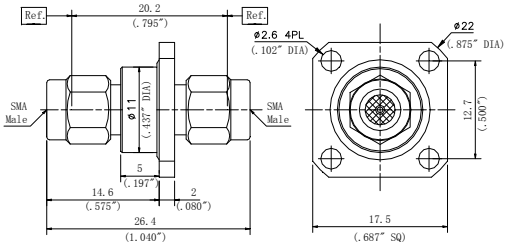


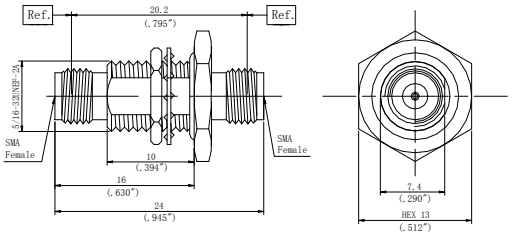
SMA (F) To SMA (F) 4 Hole
VSWR : DC-27GHz 1.15:1 (max)

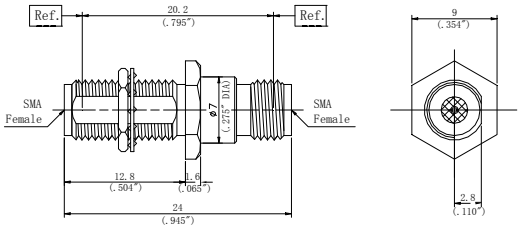


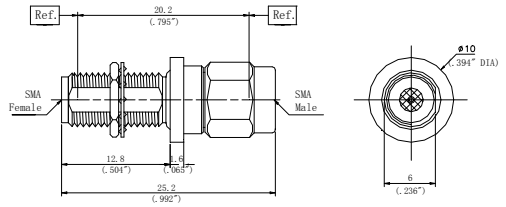
SMA (F) To SMA (F) 4 Hole
VSWR : DC-27GHz 1.15:1 (max)

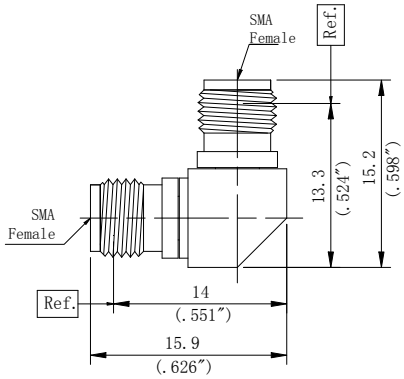

Ref.
20.2
(.795")
Ref.
4-ø2.6
(.102" DIA)
ø22
(.875" DIA)
SMA
Male
ø11
(.433" DIA)
SMA
Female
12.7
(.500")
5
(.197")
14.6
(.575")
2
(.080")
25.2
(.992")
17.5
(.687" SQ)

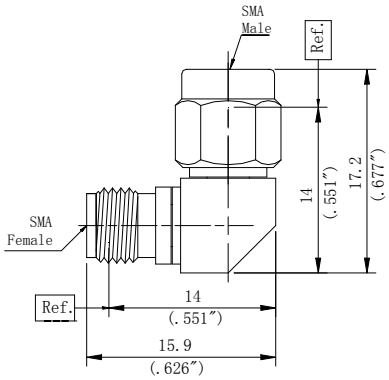

Ref.
20.2
(.795")
Ref.
ø2.6 4PL
(.102" DIA)
ø22
(.875" DIA)
SMA
Male
ø11
(.437" DIA)
SMA
Male
12.7
(.500")
5
(.197")
14.6
(.575")
2
(.080")
26.4
(1.040")
17.5
(.687" SQ)

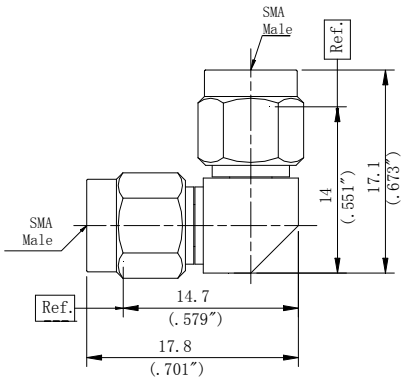

Ref.
20.2
(.795")
Ref.
5/16-32UNEF-2A
SMA
Female
SMA
Female
10
(.394")
16
(.630")
24
(.945")
7.4
(.290")
HEX 13
(.512")


Ref.
20.2
(.795")
Ref.
SMA
Female
ø7
(.275" DIA)
SMA
Female
12.8
(.504")
1.6
(.063")
24
(.945")
9
(.354")
2.8
(.110")


Ref.
20.2
(.795")
Ref.
SMA
Female
SMA
Male
12.8
(.504")
1.6
(.063")
25.2
(.992")
ø10
(.394" DIA)
6
(.236")


SMA
Female
Ref.
13.3
(.524")
15.2
(.598")
SMA
Female
Ref.
14
(.551")
15.9
(.626")


SMA
Male
Ref.
14
(.551″)
17.2
(.677″)
SMA
Female
Ref.
14
(.551″)
15.9
(.626″)


SMA
Male
Ref.
14
(.551″)
17.1
(.673″)
SMA
Male
Ref.
14.7
(.579″)
17.8
(.701″)

✧ SSMA-SSMA Adapter (DC~40GHz)

Performance Features

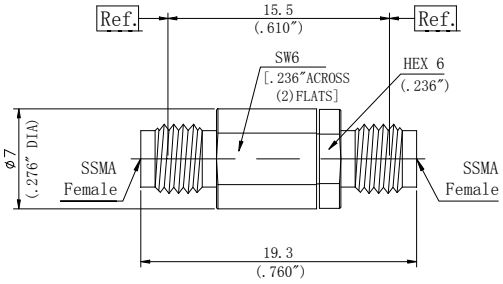
Impedance: 50Ω
Frequency Range: DC~40GHz

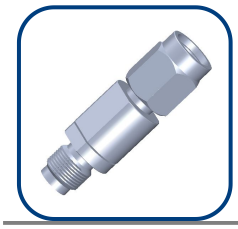
Durability: 500Cycles
Operating Temperature: -55℃~+165℃

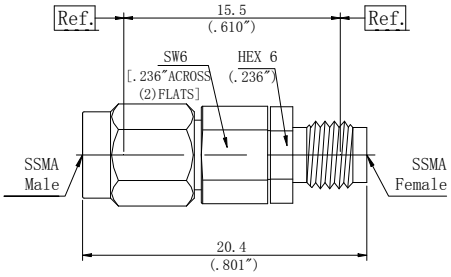
Materials/Finishes

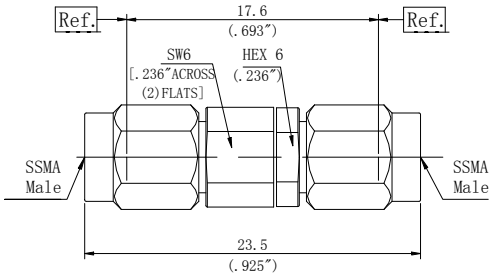
Housing:Type 303 Stainless Steel -Polished&Passivated
Center Contact:Beryllium Copper Plated Gold(Per MIL-G-45204)
Insulators:PEI&PTFE

Interface SSMA Per MIL-STD-348A









✧ 3.5mm-3.5mm Adapter (DC~33GHz)

Performance Features

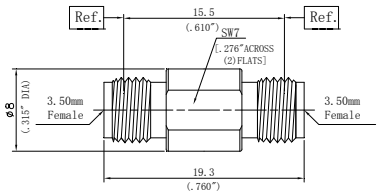
Impedance: 50Ω
Frequency Range: DC~33GHz

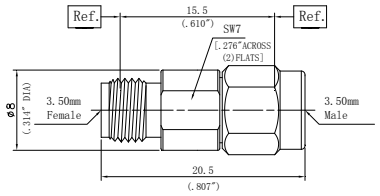
Durability: 500Cycles
Operating Temperature: -55℃~+165℃

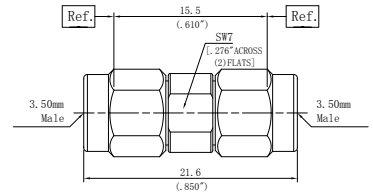
Materials/Finishes

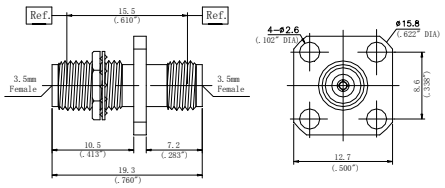
Housing:Type 303 Stainless Steel -Polished&Passivated
Center Contact:Beryllium Copper Plated Gold(Per MIL-G-45204)
Insulators:PEI

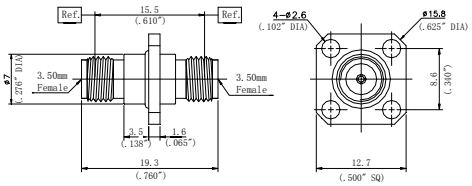
Interface 3.5mmPerIEC-60169

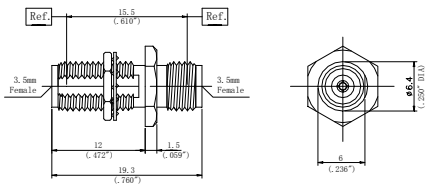


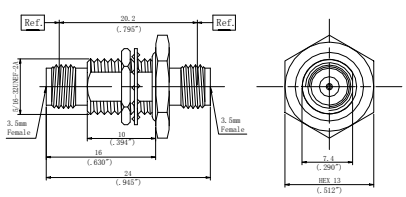


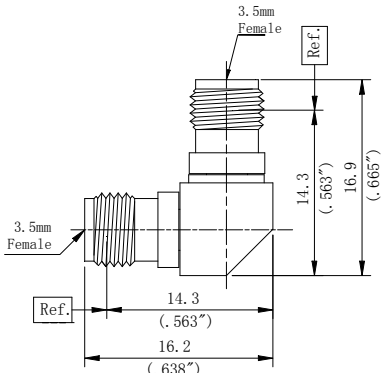


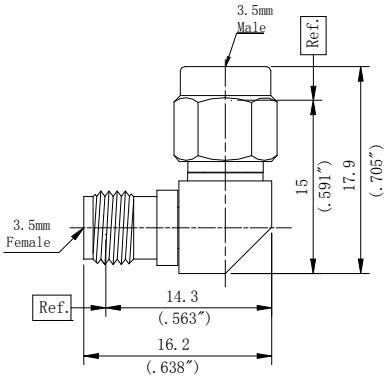


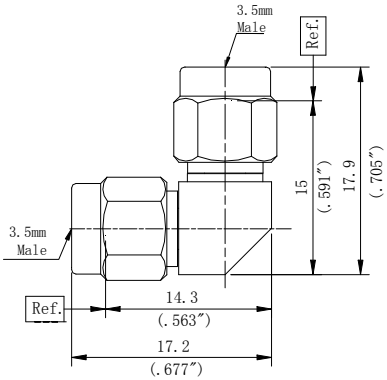







3.5mm
Female
Ref.
14.3
(.563")
16.9
(.665")
3.5mm
Female
Ref.
14.3
(.563")
16.2
(.638")


3.5mm
Male
Ref.
15
(.591")
17.9
(.705")
3.5mm
Female
Ref.
14.3
(.563")
16.2
(.638")


3.5mm
Male
Ref.
15
(.591")
17.9
(.705")
3.5mm
Male
Ref.
14.3
(.563")
17.2
(.677")

✧ 2.92mm-2.92mm Adapter (DC~40GHz)

Performance Features

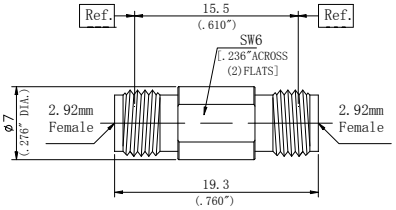
Impedance: 50Ω
Frequency Range: DC~40GHz

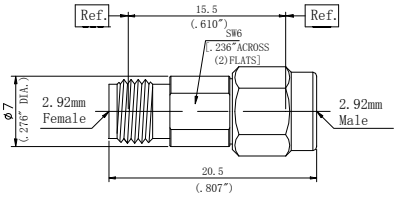
Durability: 500Cycles
Operating Temperature: -55℃~+165℃

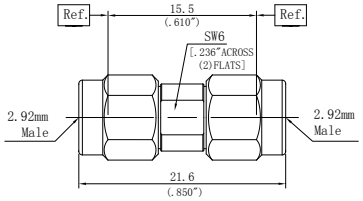
Materials/Finishes

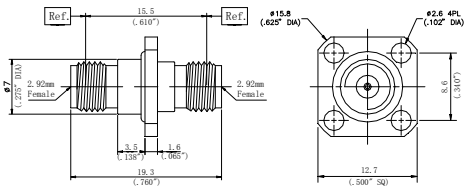
Housing:Type 303 Stainless Steel -Polished&Passivated
Center Contact:Beryllium Copper Plated Gold(Per MIL-G-45204)
Insulators:PEI

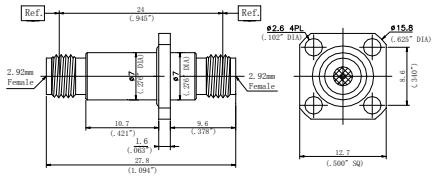
Interface 2.92mmPerMIL-STD-348A

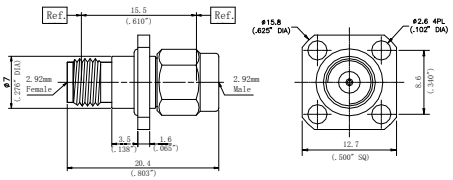


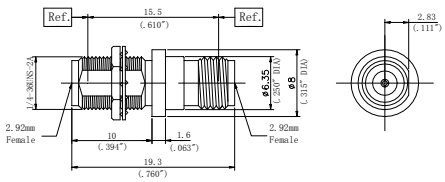


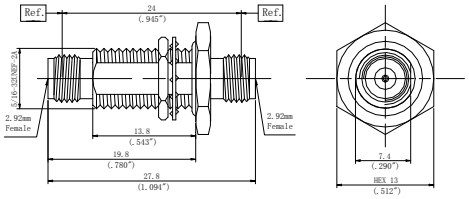


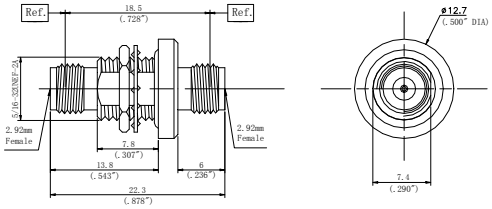


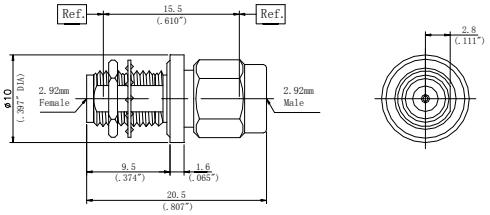


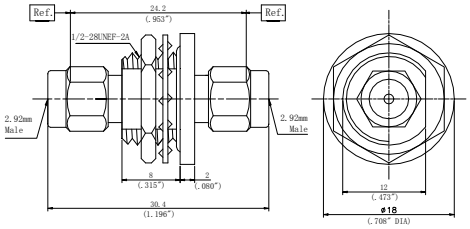


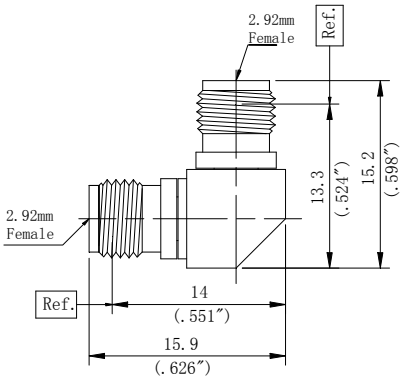


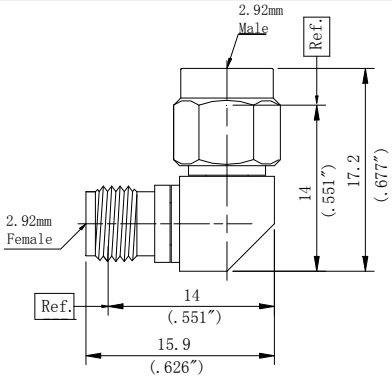

Ref.
24
(.945")
Ref.
5/16-32UNEF-2A
2.92mm
Female
13.8
(.543")
19.8
(.780")
27.8
(1.094")
2.92mm
Female
7.4
(.290")
HEX 13
(.512")

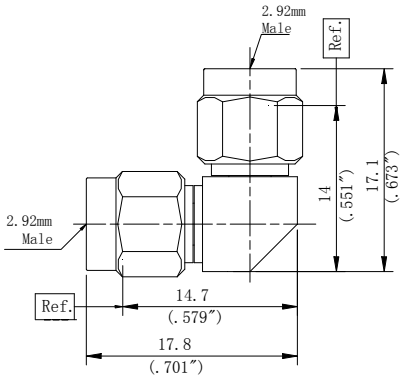

Ref.
18.5
(.728")
Ref.
5/16-32UNEF-2A
2.92mm
Female
7.8
(.307")
13.8
(.543")
6
(.236")
22.3
(.878")
2.92mm
Female
ø12.7
(.500" DIA)
7.4
(.290")


Ref.
15.5
(.610")
Ref.
ø10
(.397" DIA)
2.92mm
Female
2.92mm
Male
9.5
(.374")
1.6
(.065")
20.5
(.807")
2.8
(.111")


Ref.
24.2
(.953")
Ref.
1/2-28UNEF-2A
2.92mm
Male
8
(.315")
2
(.080")
30.4
(1.196")
2.92mm
Male
12
(.473")
ø18
(.708" DIA)


2.92mm
Female
Ref.
13.3
(.524")
15.2
(.598")
2.92mm
Female
Ref.
14
(.551")
15.9
(.626")


2.92mm
Male
Ref.
14
(.551")
17.2
(.677")
2.92mm
Female
Ref.
14
(.551")
15.9
(.626")


2.92mm
Male
Ref.
14
(.551″)
17.1
(.673″)
2.92mm
Male
Ref.
14.7
(.579″)
17.8
(.701″)

✧ 2.4mm-2.4mm Adapter (DC~50GHz)

Performance Features

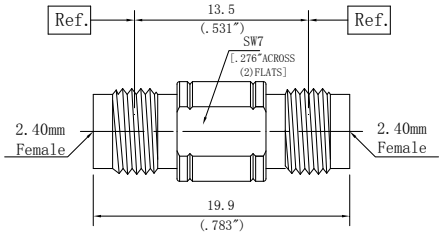
Impedance: 50Ω
Frequency Range: DC~50GHz

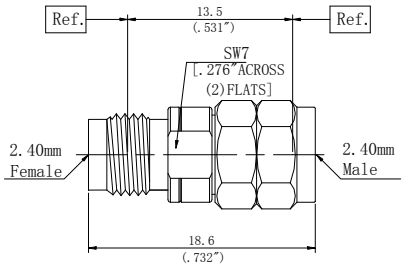
Durability: 500Cycles
Operating Temperature: -55℃~+165℃

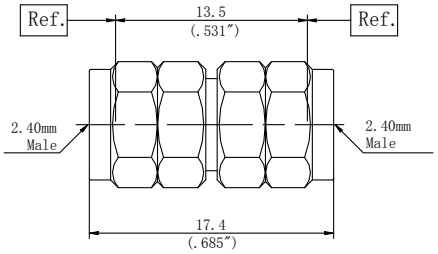
Materials/Finishes

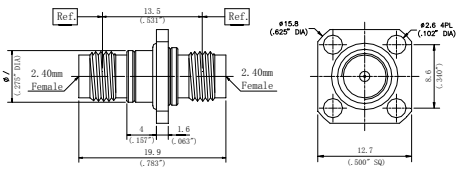
Housing:Type 303 Stainless Steel -Polished&Passivated
Center Contact:Beryllium Copper Plated Gold(Per MIL-G-45204)
Insulators:PEI

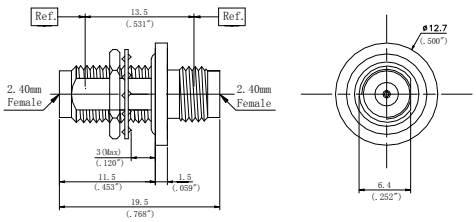
Interface 2.4mmPerIEC 61169











✧ 1.85mm-1.85mm Adapter (DC~65GHz)

Performance Features

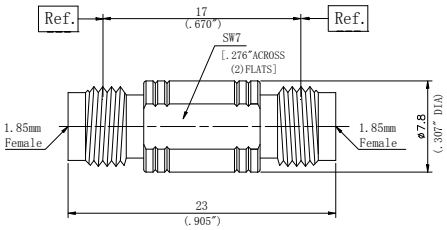
Impedance: 50Ω
Frequency Range: DC~65GHz

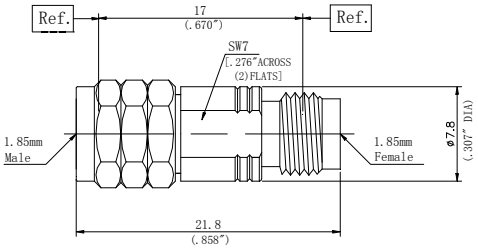
Durability: 500Cycles
Operating Temperature: -55℃~+165℃

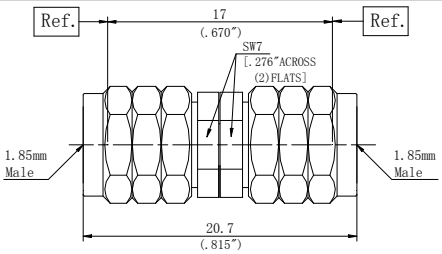
Materials/Finishes

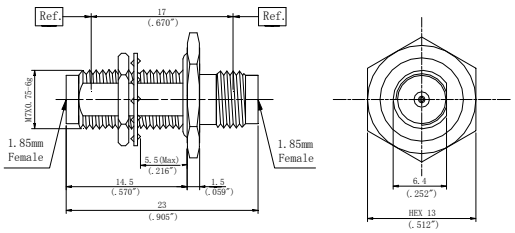
Housing:Type 303 Stainless Steel -Polished&Passivated
Center Contact:Beryllium Copper Plated Gold(Per MIL-G-45204)
Insulators:PEI

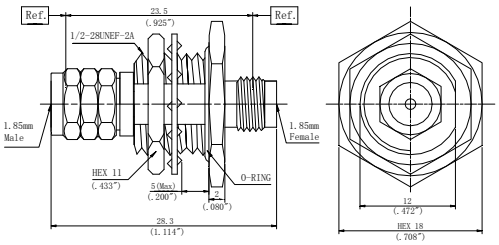
Interface 1.85mmPerIEC 61169











✧ 7/16-7/16 Adapter (DC~8GHz)

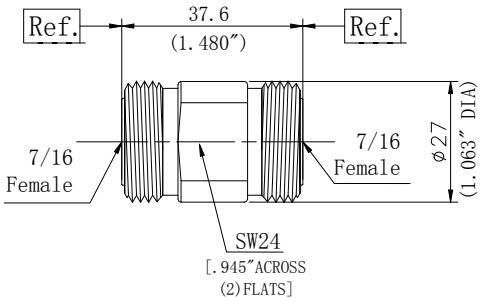
Performance Features

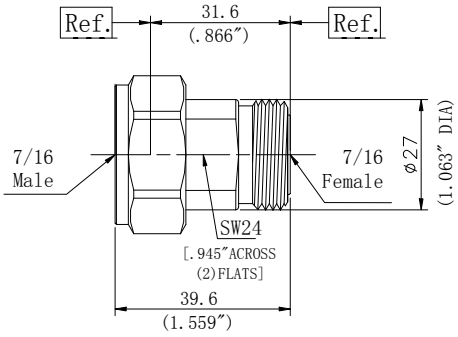
Impedance: 50Ω
Frequency Range: DC~8GHz
Durability: 500Cycles
Operating Temperature: -55℃~+165℃

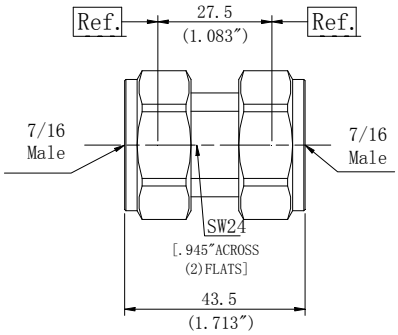
Materials/Finishes

Housing: Brass Plated Ternary alloy
Center Contact: Beryllium Copper Plated Sliver
Insulators:PEI

Interface 7/16PerIEC 60169







Between Series Adapter

✧ APC-7 Between Series Adapters(DC~18GHz)

Performance Features

Impedance: 50Ω
Frequency Range: DC~18GHz

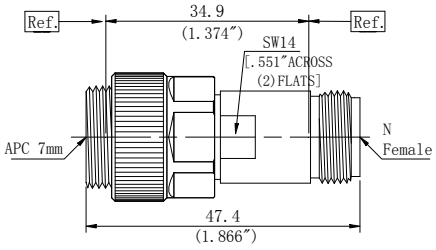
Durability: 500Cycles
Operating Temperature: -55℃~+165℃

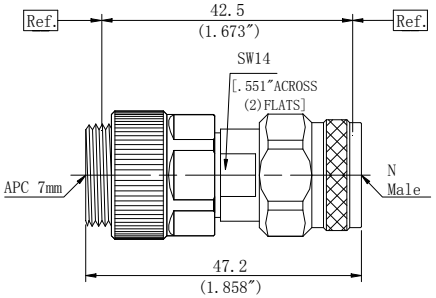
Materials/Finishes

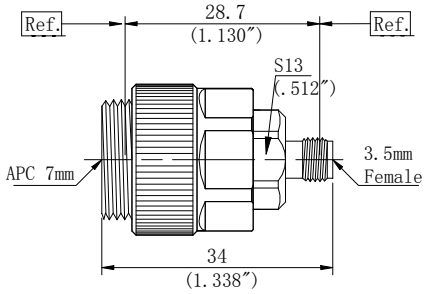
Housing:Type 303 Stainless Steel -Polished&Passivated
Center Contact:Beryllium Copper Plated Gold(Per MIL-G-45204)
Insulators:PEI

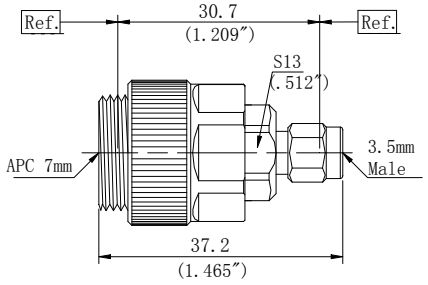
Interface

N Type Per MIL-STD-348A
APC-7Interface Per IEC-60457
3.5mmInterface Per IEC-60169









✧ L16-N Between Series Adapters(DC~18GHz)

Performance Features

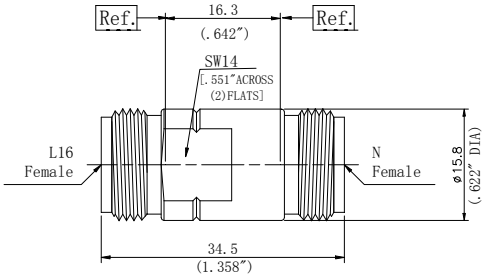
Impedance: 50Ω
Frequency Range: DC~18GHz

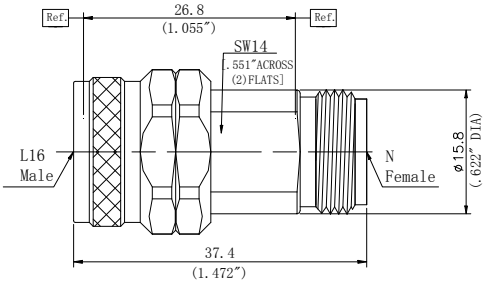
Durability: 500Cycles
Operating Temperature: -55℃~+165℃

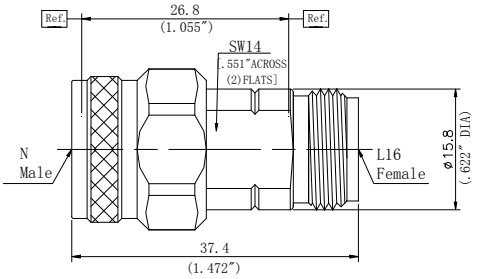
Materials/Finishes

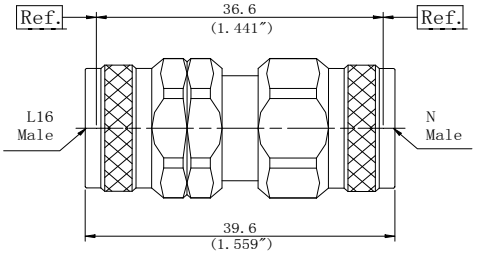
Housing:Type 303 Stainless Steel -Polished&Passivated钝化
Center Contact:Beryllium Copper Plated Gold(Per MIL-G-45204)
Insulators:PEI

Inter face	L16TypePerGJB681A	N Type Per MIL-STD-348A









✧ L16-SMA Between Series Adapters(DC~18GHz)

Performance Features

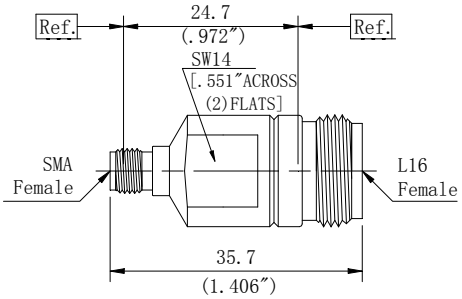
Impedance: 50Ω
Frequency Range: DC~18GHz

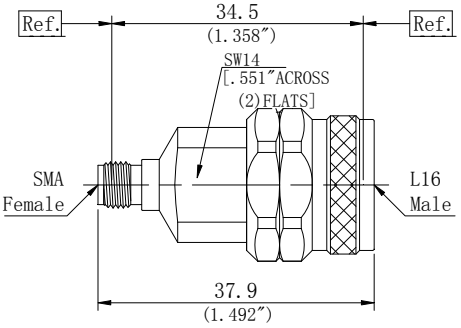
Durability: 500Cycles
Operating Temperature: -55℃~+165℃

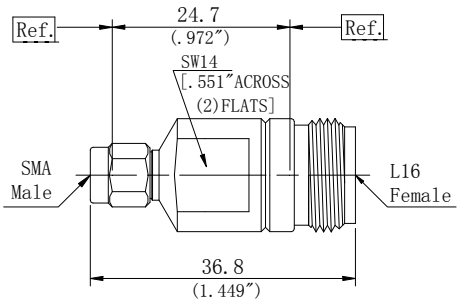
Materials/Finishes

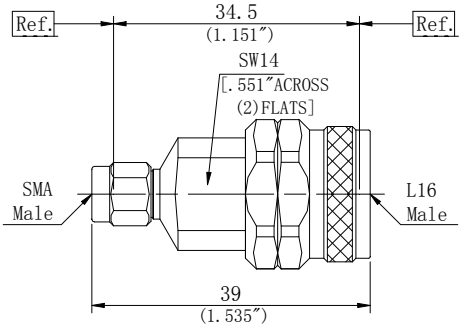
Housing:Type 303 Stainless Steel -Polished&Passivated
Center Contact:Beryllium Copper Plated Gold(Per MIL-G-45204)
Insulators:PEI&PTFE

Inter face L16TypePerGJB681A SMA Per MIL-STD-348A









✧ N-3.5mm Between Series Adapters(DC~18GHz)

Performance Features

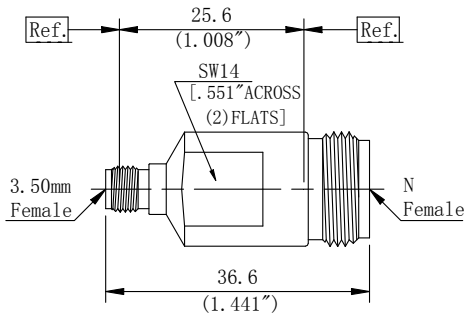
Impedance: 50Ω
Frequency Range: DC~18GHz

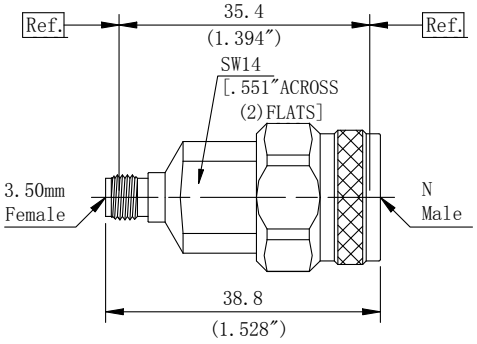
Durability: 500Cycles
Operating Temperature: -55℃~+165℃

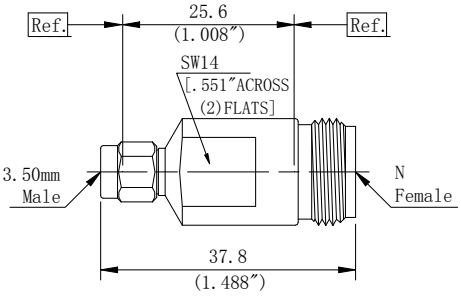
Materials/Finishes

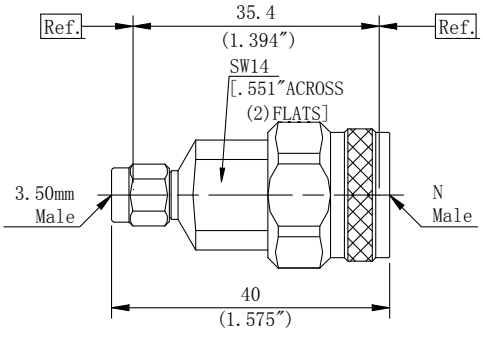
Housing:Type 303 Stainless Steel -Polished&Passivated
Center Contact:Beryllium Copper Plated Gold(Per MIL-G-45204)
Insulators:PEI

Interface N Type Per MIL-STD-348A 3.5mmPerIEC-60169









✧ N-2.92mm Between Series Adapters(DC~18GHz)

Performance Features

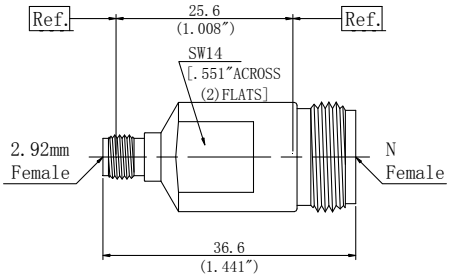
Impedance: 50Ω
Frequency Range: DC~18GHz

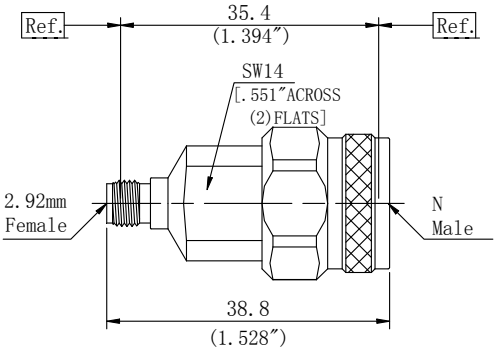
Durability: 500Cycles
Operating Temperature: -55℃~+165℃

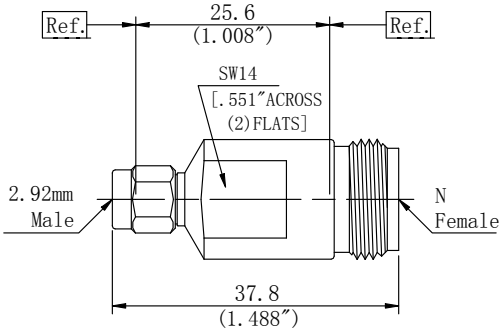
Materials/Finishes

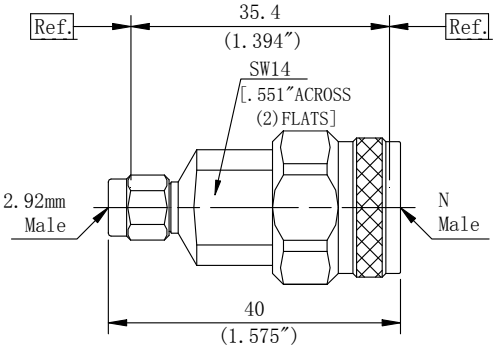
Housing:Type 303 Stainless Steel -Polished&Passivated
Center Contact:Beryllium Copper Plated Gold(Per MIL-G-45204)
Insulators:PEI

Interface N Type/2.92mmPerMIL-STD-348A









✧ N-2.4mm Between Series Adapters(DC~18GHz)

Performance Features

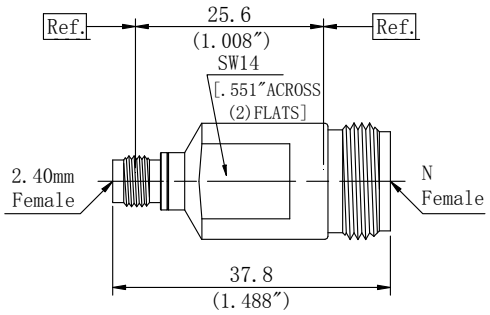
Impedance: 50Ω
Frequency Range: DC~18GHz

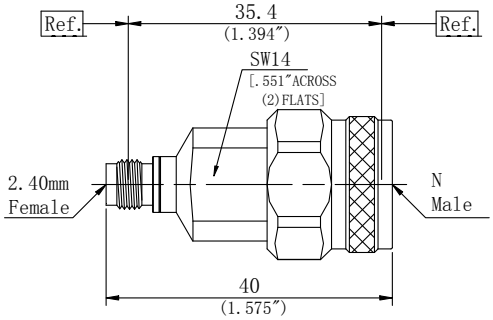
Durability: 500Cycles
Operating Temperature: -55℃~+165℃

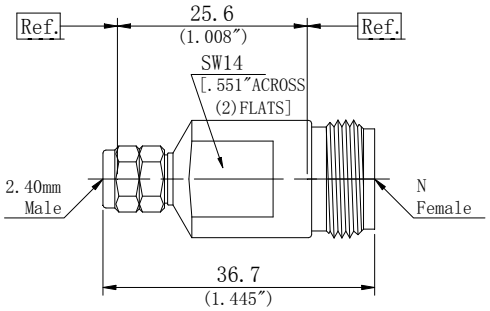
Materials/Finishes

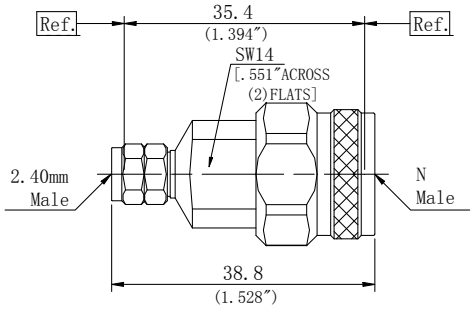
Housing:Type 303 Stainless Steel -Polished&Passivated
Center Contact:Beryllium Copper Plated Gold(Per MIL-G-45204)
Insulators:PEI

Interface N Type Per MIL-STD-348A 2.4mmPerIEC 61169









✧ N-BNC Between Series Adapters(DC~8GHz)

Performance Features

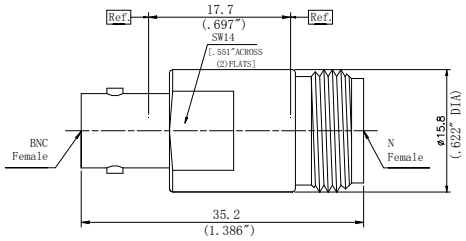
Impedance: 50Ω
Frequency Range: DC~8GHz

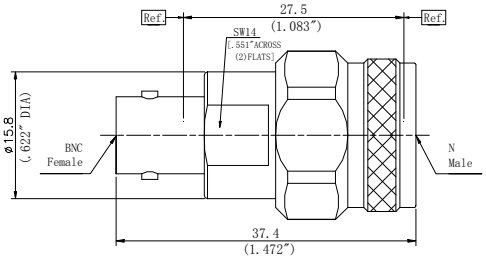
Durability: 500Cycles
Operating Temperature: -55℃~+165℃

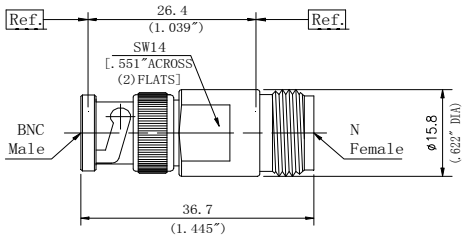
Materials/Finishes

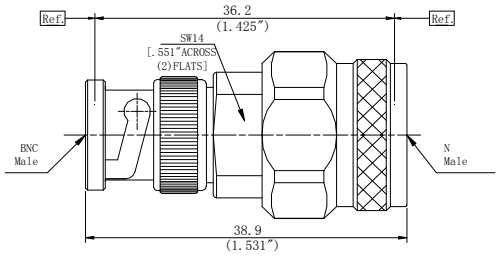
Housing:Type 303 Stainless Steel -Polished&Passivated
Center Contact:Beryllium Copper Plated Gold(Per MIL-G-45204)
Insulators:PEI&PTFE

Interface N Type/BNC Per MIL-STD-348A









✧ N-TNC Between Series Adapters(DC~11GHz)

Performance Features

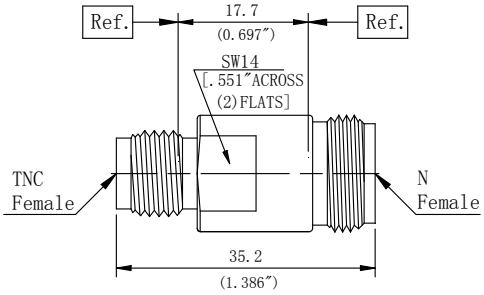
Impedance: 50Ω
Frequency Range: DC~11GHz

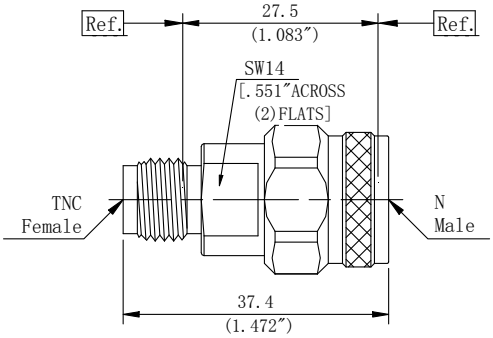
Durability: 500Cycles
Operating Temperature: -55℃~+165℃

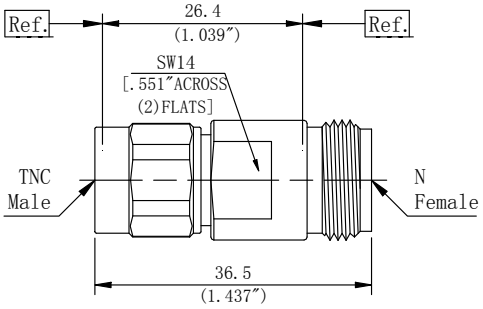
Materials/Finishes

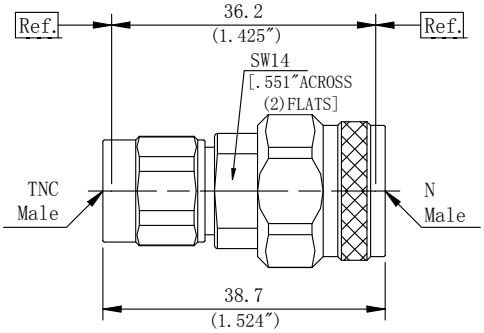
Housing: Type 303 Stainless Stell-Polished&Passivated
Center Contact:Beryllium Copper Plated Gold(Per MIL-G-45204)
Insulators:PEI

Interface N Type/TNC Per MIL-STD-348A









✧ N-TNCA Between Series Adapters(DC~18GHz)

Performance Features

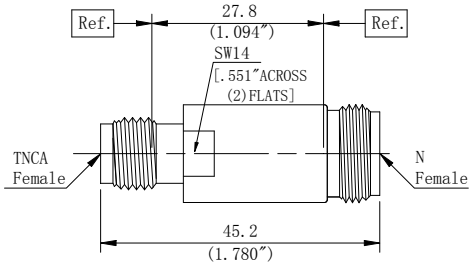
Impedance: 50Ω
Frequency Range: DC~18GHz

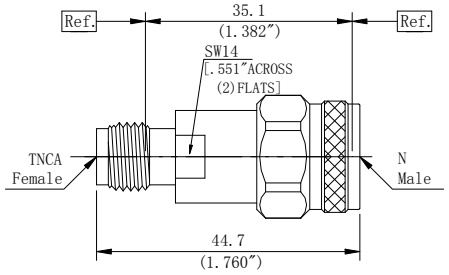
Durability: 500Cycles
Operating Temperature: -55℃~+165℃

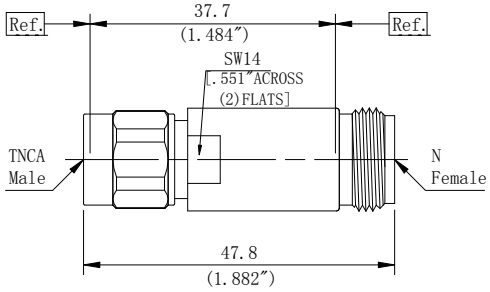
Materials/Finishes

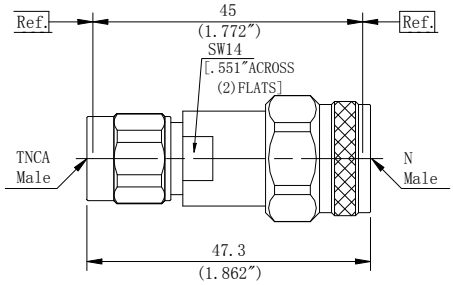
Housing:Type 303 Stainless Steel -Polished&Passivated
Center Contact:Beryllium Copper Plated Gold(Per MIL-G-45204)
Insulators:PEI

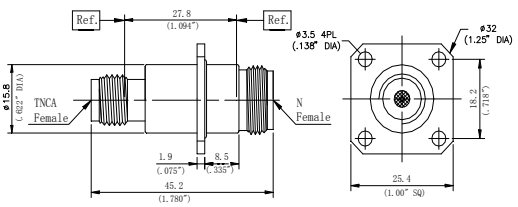
Interface N Type/TNCA Per MIL-STD-348A











✧ N-SMA Between Series Adapters(DC~18GHz)

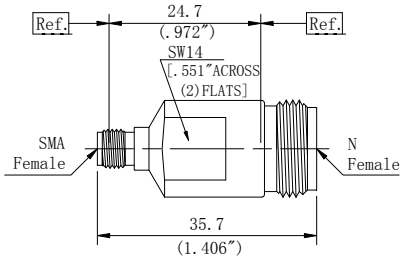
Performance Features

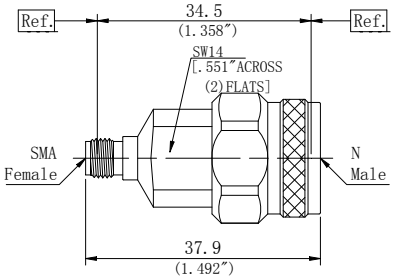
Impedance: 50Ω
Frequency Range: DC~18GHz
Durability: 500Cycles
Operating Temperature: -55℃~+165℃

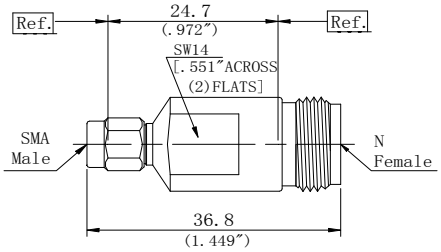
Materials/Finishes

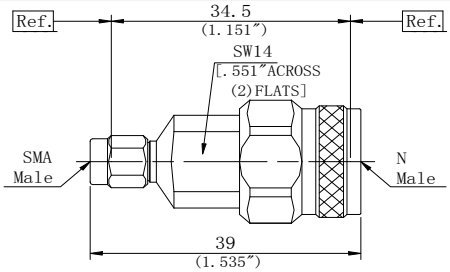
Housing:Type 303 Stainless Steel -Polished&Passivated钝化
Center Contact:Beryllium Copper Plated Gold(Per MIL-G-45204)
Insulators:PEI&PTFE

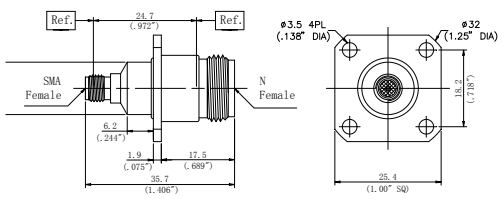
Interface N Type/SMA Per MIL-STD-348A

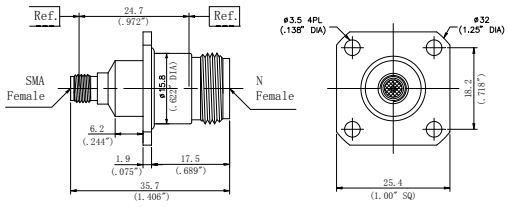


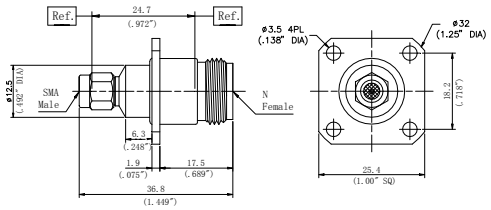


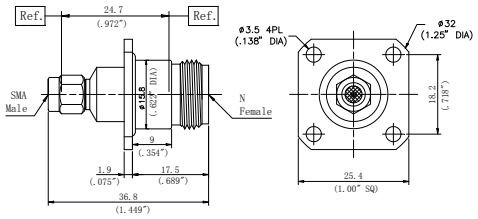


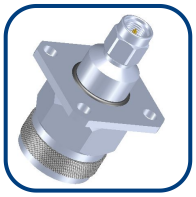


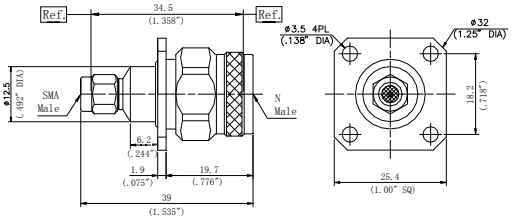





Ref.
24.7
(.972")
Ref.
ø3.5 4PL
(.138" DIA)
ø32
(1.25" DIA)
ø12.5
(.492" DIA)
SMA
Male
N
Female
18.2
(.718")
6.3
(.248")
1.9
(.075")
17.5
(.689")
36.8
(1.449")
25.4
(1.00" SQ)


Ref.
24.7
(.972")
Ref.
ø3.5 4PL
(.138" DIA)
ø32
(1.25" DIA)
SMA
Male
ø15.8
(.622" DIA)
N
Female
18.2
(.718")
9
(.354")
1.9
(.075")
17.5
(.689")
36.8
(1.449")
25.4
(1.00" SQ)

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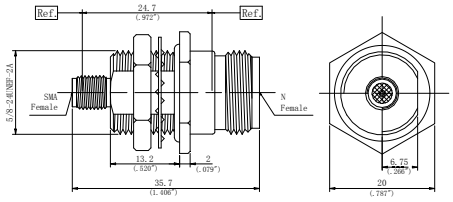
(1.358")
Ref.
ø3.5 4PL
(.138" DIA)
ø32
(1.25" DIA)
ø12.5
(.492" DIA)
SMA
Male
N
Male
18.2
(.718")
6.2
(.244")
1.9
(.075")
19.7
(.776")
39
(1.535")
25.4
(1.00" SQ)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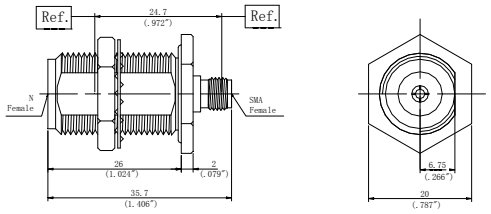
5/8-24UNEF-2A
SMA
Female
N
Female
13.2
(.520")
2
(.079")
35.7
(1.406")
6.75
(.266")
20
(.787")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Ref.
N
Female
SMA
Female
26
(1.024")
2
(.079")
35.7
(1.406")
6.75
(.266")
20
(.787")

✧ 3.5mm-2.92mm Between Series Adapters(DC~33GHz)

Performance Features

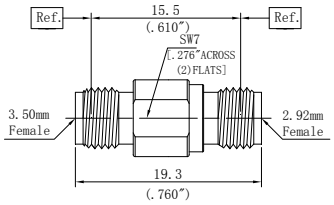
Impedance: 50Ω
Frequency Range: DC~33GHz

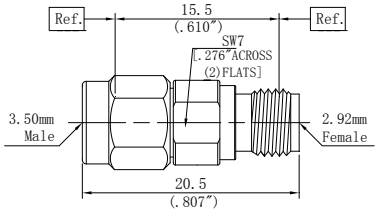
Durability: 500Cycles
Operating Temperature: -55℃~+165℃

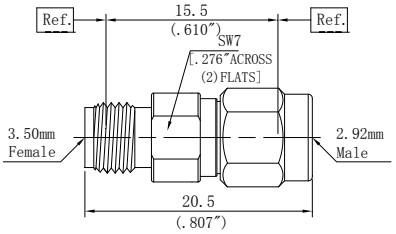
Materials/Finishes

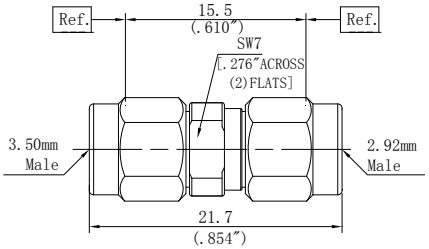
Housing:Type 303 Stainless Steel -Polished&Passivated
Center Contact:Beryllium Copper Plated Gold(Per MIL-G-45204)
Insulators:PEI

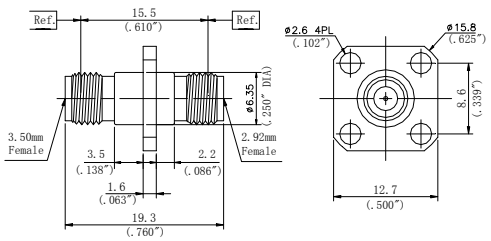
Interface 3.5mmPerIEC-60169
2.92mmPerMIL-STD-348A











✧ 3.5mm-2.4mm Between Series Adapters(DC~33GHz)

Performance Features

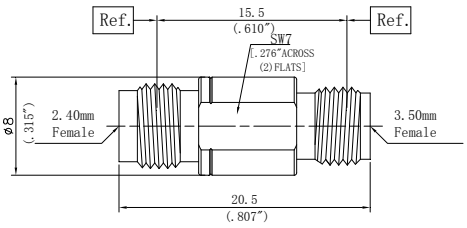
Impedance: 50Ω
Frequency Range: DC~33GHz

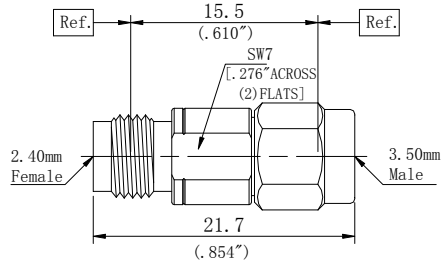
Durability: 500Cycles
Operating Temperature: -55℃~+165℃

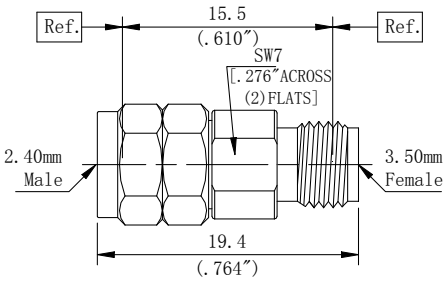
Materials/Finishes

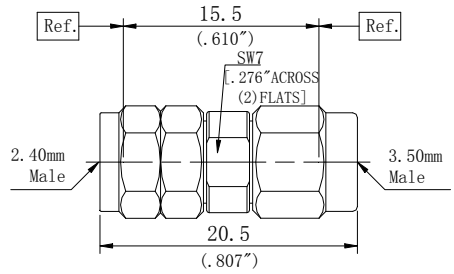
Housing:Type 303 Stainless Steel -Polished&Passivated
Center Contact:Beryllium Copper Plated Gold(Per MIL-G-45204)
Insulators:PEI

Interface 3.5mmPerIEC 60169 2.4mmPer IEC 61169









3.5mm-1.85mm Between Series Adapter (DC~33GHz)

Performance Features

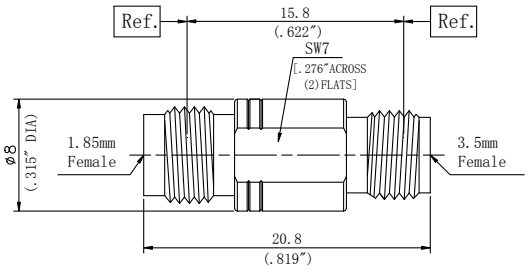
Impedance: 50Ω
Frequency Range: DC~33GHz

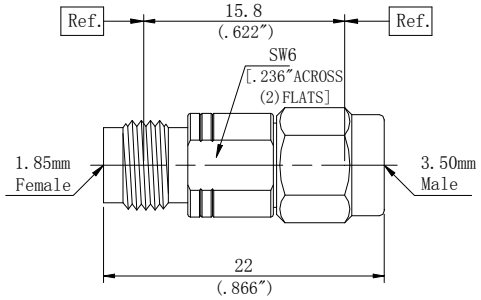
Durability: 500Cycles
Operating Temperature: -55℃~+165℃

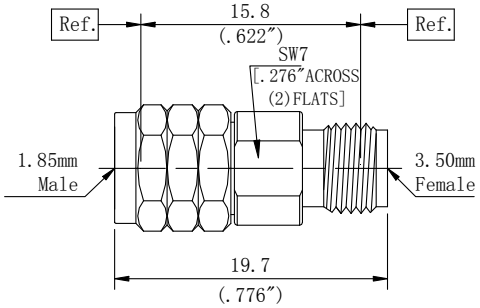
Materials/Finishes

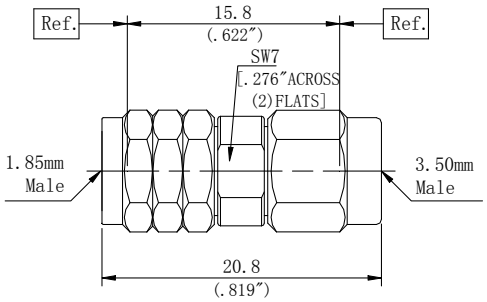
Housing:Type 303 Stainless Steel -Polished&Passivated
Center Contact:Beryllium Copper Plated Gold(Per MIL-G-45204)
Insulators:PEI

Interface	3.5mmPerIEC-60169	1.85mmPerIEC 61169









✧ 3.5mm-SMA Between Series Adapters(DC~27GHz)

Performance Features

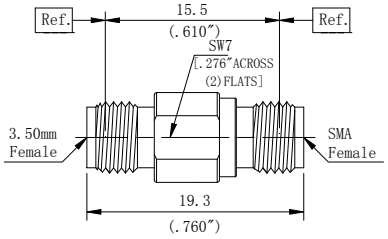
Impedance: 50Ω
Frequency Range: DC~27GHz

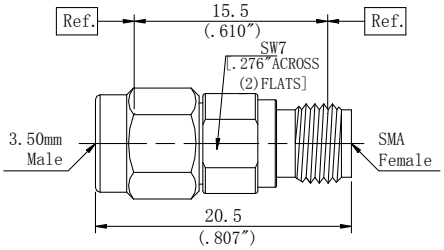
Durability: 500Cycles
Operating Temperature: -55℃~+165℃

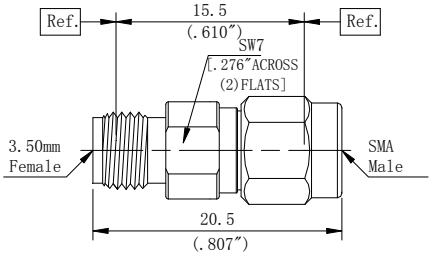
Materials/Finishes

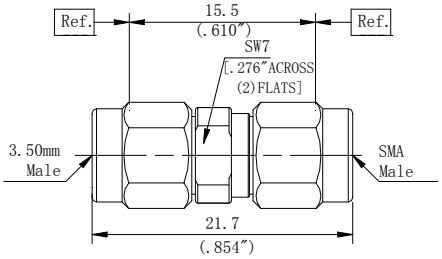
Housing:Type 303 Stainless Steel -Polished&Passivated钝化
Center Contact:Beryllium Copper Plated Gold(Per MIL-G-45204)
Insulators:PEI&PTFE

Interface 3.5mmPerIEC-60169 SMA Per MIL-STD-348A









✧ 2.92mm-2.4mm Between Series Adapters(DC~40GHz)

Performance Features

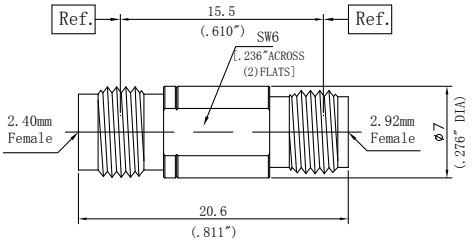
Impedance: 50Ω
Frequency Range: DC~40GHz

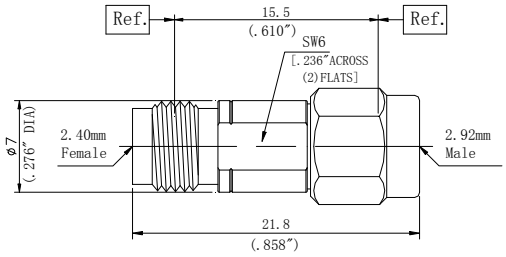
Durability: 500Cycles
Operating Temperature: -55℃~+165℃

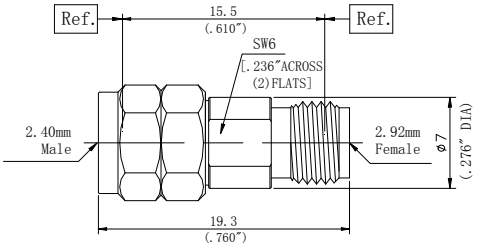
Materials/Finishes

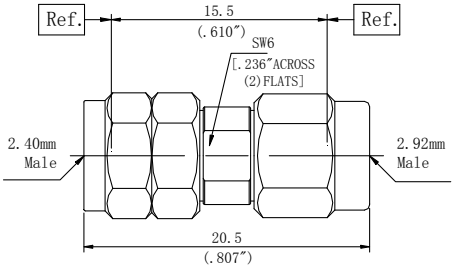
Housing:Type 303 Stainless Steel -Polished&Passivated
Center Contact:Beryllium Copper Plated Gold(Per MIL-G-45204)
Insulators:PEI

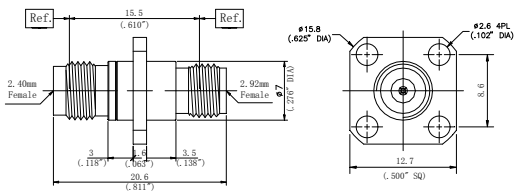
Interface 2.92mmPerMIL-STD-348A 2.4mmPer IEC 61169











✧ 2.92mm-1.85mm Between Series Adapters(DC~40GHz)

Performance Features

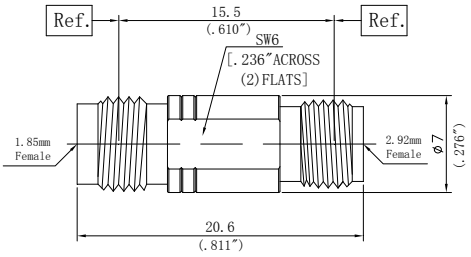
Impedance: 50Ω
Frequency Range: DC~40GHz

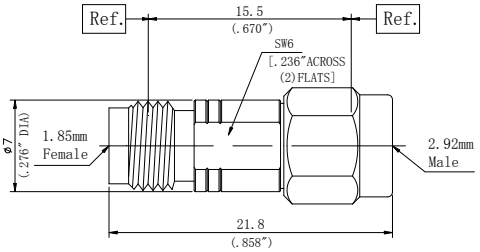
Durability: 500Cycles
Operating Temperature: -55℃~+165℃

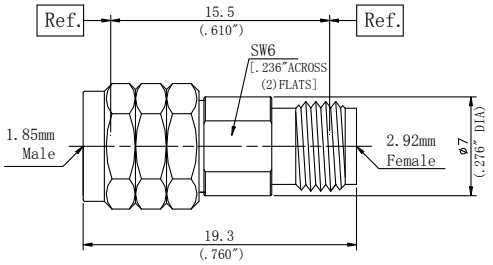
Materials/Finishes

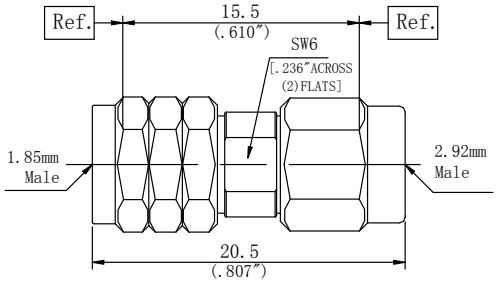
Housing:Type 303 Stainless Steel -Polished&Passivated
Center Contact:Beryllium Copper Plated Gold(Per MIL-G-45204)
Insulators:PEI

Interface 2.92mmPerMIL-STD-348A 1.85mmPer IEC 61169









✧ 2.92mm-SMA Between Series Adapters(DC~27GHz)

Performance Features

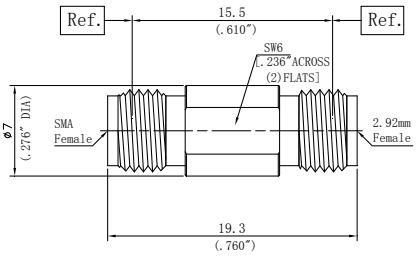
Impedance: 50Ω
Frequency Range: DC~27GHz

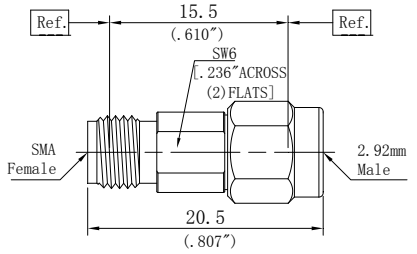
Durability: 500Cycles
Operating Temperature: -55℃~+165℃

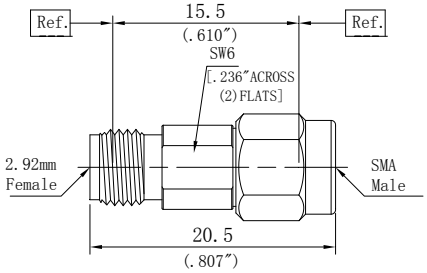
Materials/Finishes

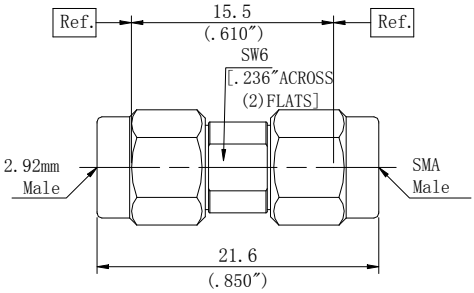
Housing:Type 303 Stainless Steel -Polished&Passivated钝化
Center Contact:Beryllium Copper Plated Gold(Per MIL-G-45204)
Insulators:PEI&PTFE

Interface 2.92mm/SMA PerMIL-STD-348A









✧ 2.92mm-SSMA Between Series Adapters(DC~40GHz)

Performance Features

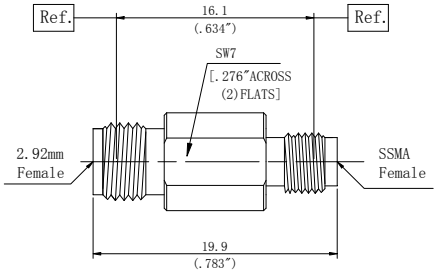
Impedance: 50Ω
Frequency Range: DC~40GHz

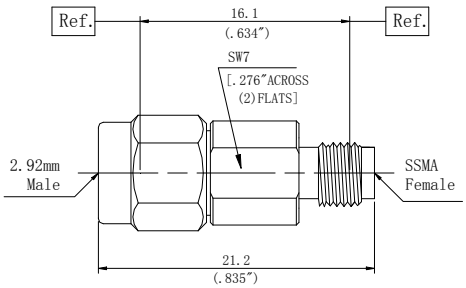
Durability: 500Cycles
Operating Temperature: -55℃~+165℃

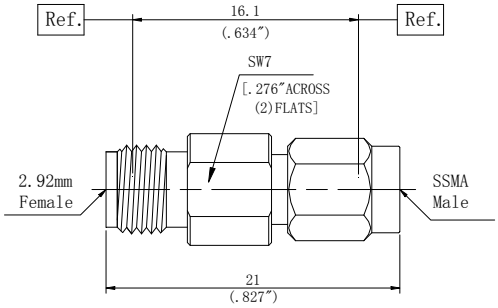
Materials/Finishes

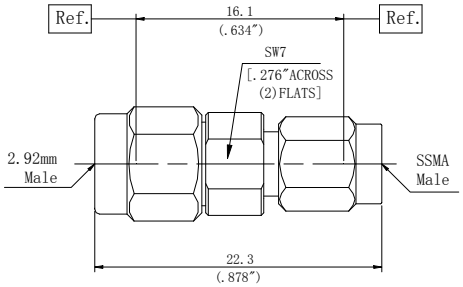
Housing:Type 303 Stainless Steel -Polished&Passivated钝化
Center Contact:Beryllium Copper Plated Gold(Per MIL-G-45204)
Insulators:PEI&PTFE

Interface SSMA/2.92mmPerMIL-STD-348A









2.4mm-1.85mm Between Series Adapters(DC~50GHz)

Performance Features

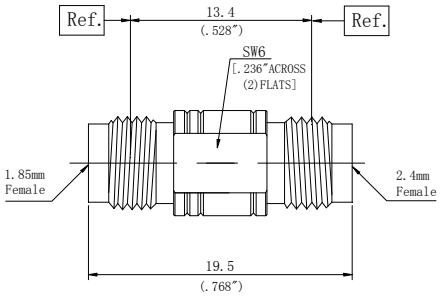
Impedance: 50Ω
Frequency Range: DC~50GHz

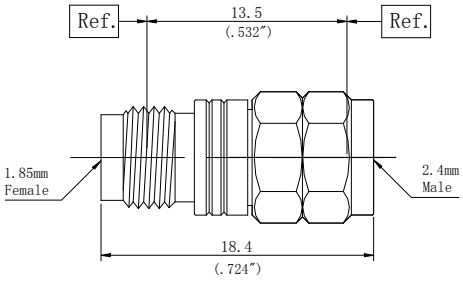
Durability: 500Cycles
Operating Temperature: -55℃~+165℃

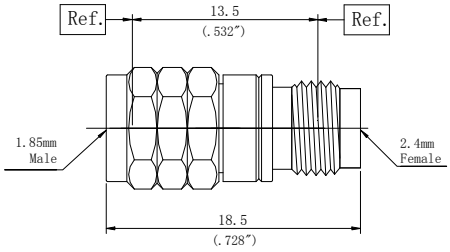
Materials/Finishes

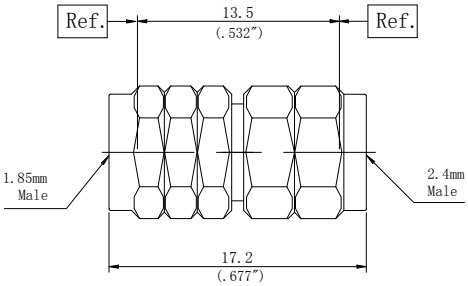
Housing:Type 303 Stainless Steel -Polished&Passivated
Center Contact:Beryllium Copper Plated Gold(Per MIL-G-45204)
Insulators:PEI

Interface 2.4mm/1.85mmPer IEC 61169









✧ 2.4mm-SMA Between Series Adapters(DC~27GHz)

Performance Features

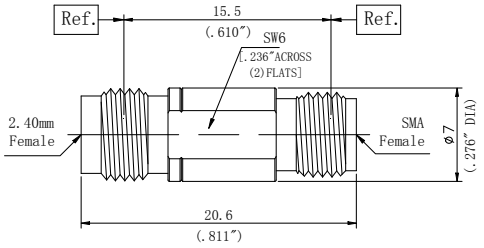
Impedance: 50Ω
Frequency Range: DC~27GHz

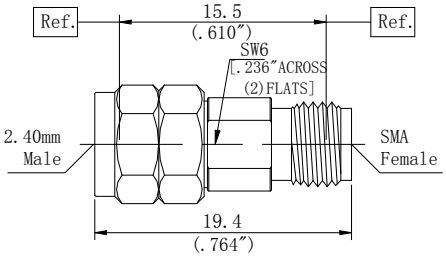
Durability: 500Cycles
Operating Temperature: -55℃~+165℃

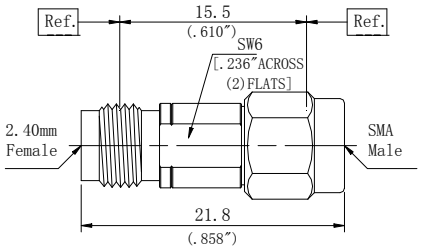
Materials/Finishes

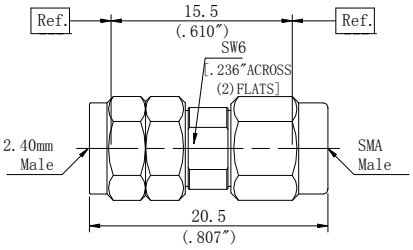
Housing:Type 303 Stainless Steel -Polished&Passivated
Center Contact:Beryllium Copper Plated Gold(Per MIL-G-45204)
Insulators:PEI&PTFE

Interface 2.4mmPer IEC 61169 SMA Per MIL-STD-348A









✧ 2.4mm-SSMA Between Series Adapters(DC~40GHz)

Performance Features

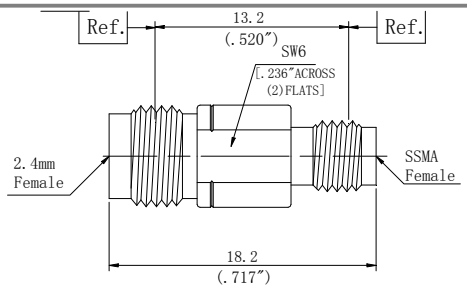
Impedance: 50Ω
Frequency Range: DC~40GHz

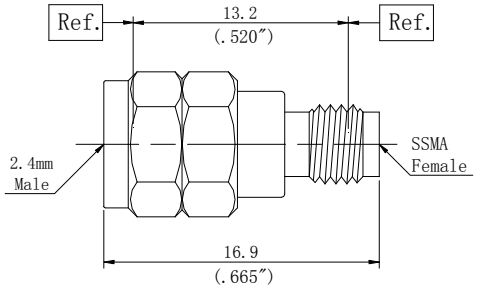
Durability: 500Cycles
Operating Temperature: -55℃~+165℃

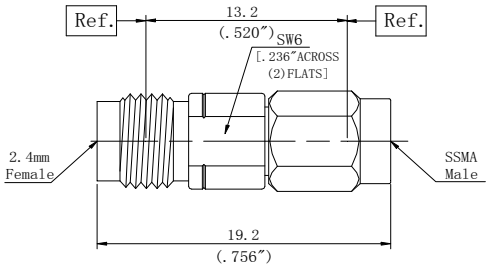
Materials/Finishes

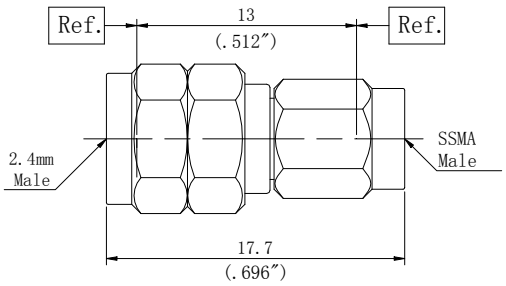
Housing:Type 303 Stainless Steel -Polished&Passivated
Center Contact:Beryllium Copper Plated Gold(Per MIL-G-45204)
Insulators:PEI&PTFE

Interface SSMA/2.92mmPerMIL-STD-348A









✧ BNC-SMA Between Series Adapters(DC~8GHz)

Performance Features

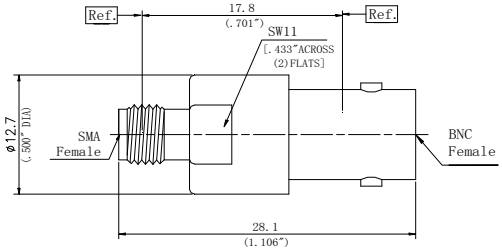
Impedance: 50Ω
Frequency Range: DC~8GHz

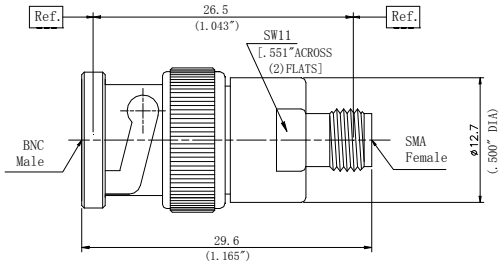
Durability: 500Cycles
Operating Temperature: -55℃~+165℃

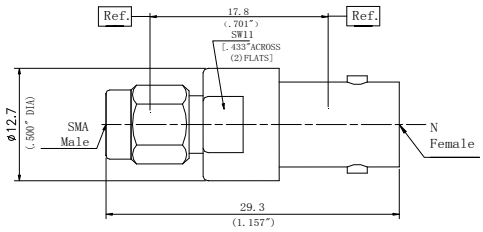
Materials/Finishes

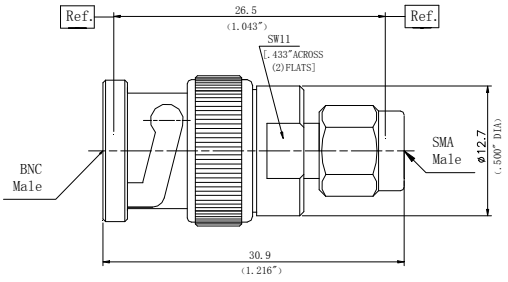
Housing:Type 303 Stainless Steel -Polished&Passivated
Center Contact:Beryllium Copper Plated Gold(Per MIL-G-45204)
Insulators:PEI&PTFE

Interface BNC/SMA Per MIL-STD-348A









✧ TNC-SMA Between Series Adapters(DC~11GHz)

Performance Features

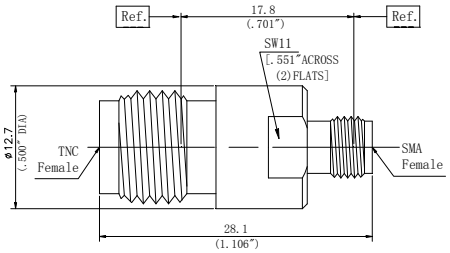
Impedance: 50Ω
Frequency Range: DC~11GHz

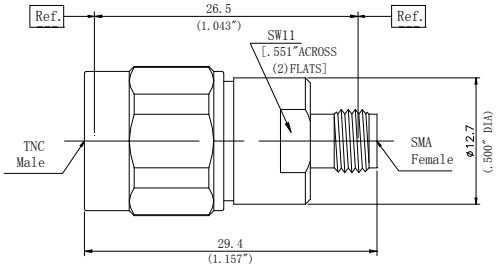
Durability: 500Cycles
Operating Temperature: -55℃~+165℃

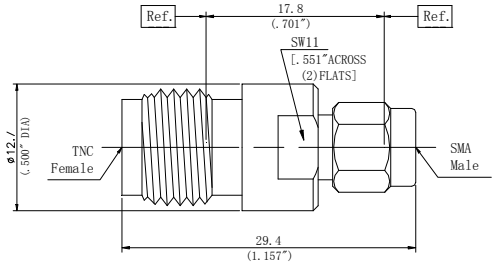
Materials/Finishes

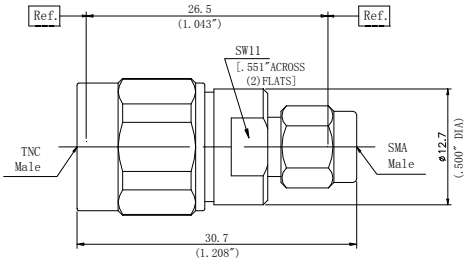
Housing:Type 303 Stainless Steel -Polished&Passivated
Center Contact:Beryllium Copper Plated Gold(Per MIL-G-45204)
Insulators:PEI&PTFE

Interface TNC/SMA Per MIL-STD-348A









✧ TNCA-SMA Between Series Adapters(DC~18GHz)

Performance Features

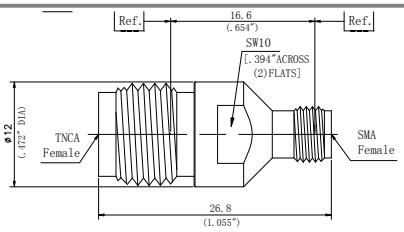
Impedance: 50Ω
Frequency Range: DC~18GHz

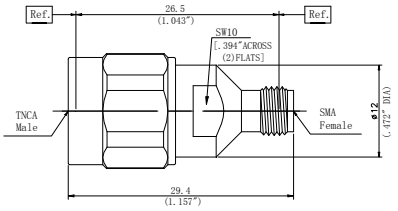
Durability: 500Cycles
Operating Temperature: -55℃~+165℃

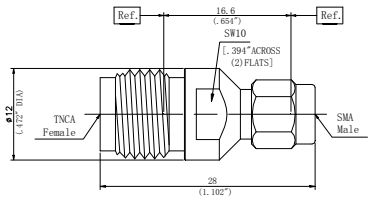
Materials/Finishes

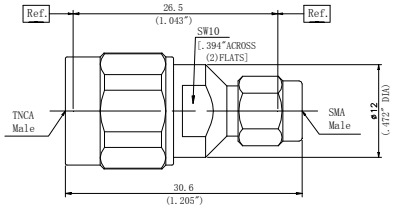
Housing:Type 303 Stainless Steel -Polished&Passivated
Center Contact:Beryllium Copper Plated Gold(Per MIL-G-45204)
Insulators:PEI&PTFE

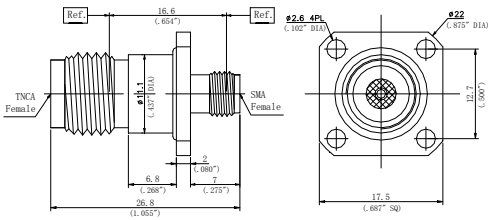
Interface TNCA/SMA Per MIL-STD-348A

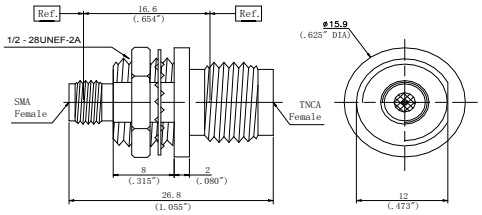












✧ SMA-SSMA Between Series Adapters(DC~27GHz)

Performance Features

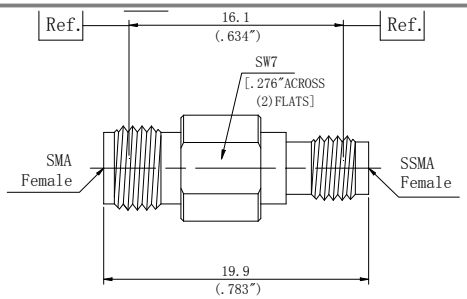
Impedance: 50Ω
Frequency Range: DC~27GHz

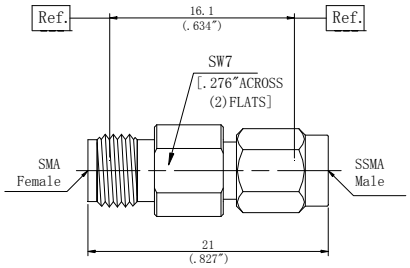
Durability: 500Cycles
Operating Temperature: -55℃~+165℃

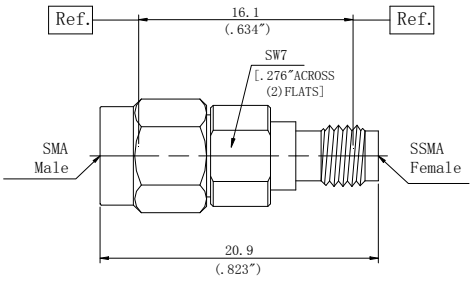
Materials/Finishes

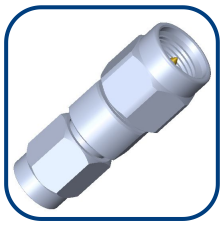
Housing:Type 303 Stainless Steel -Polished&Passivated
Center Contact:Beryllium Copper Plated Gold(Per MIL-G-45204)
Insulators:PEI&PTFE

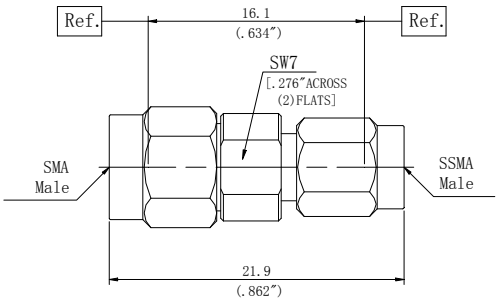
Interface SSMA/SMA Per MIL-STD-348A











✧ 7/16-N Between Series Adapters(DC~8GHz)

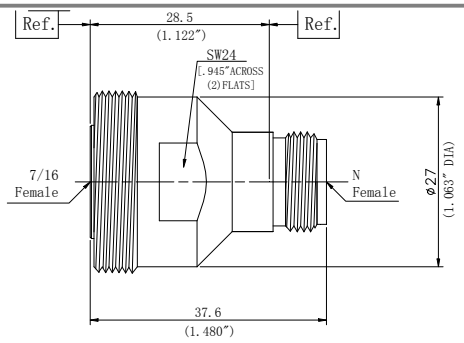
Performance Features

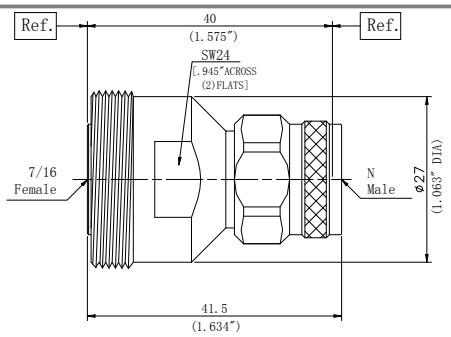
Impedance: 50Ω
Frequency Range: DC~8GHz
Durability: 500Cycles
Operating Temperature: -55℃~+165℃

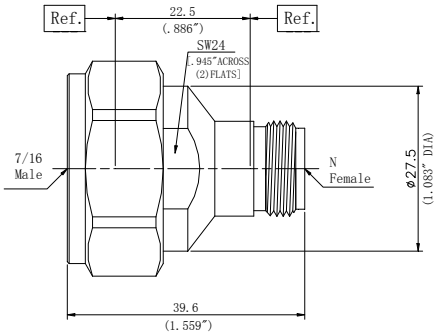
Materials/Finishes

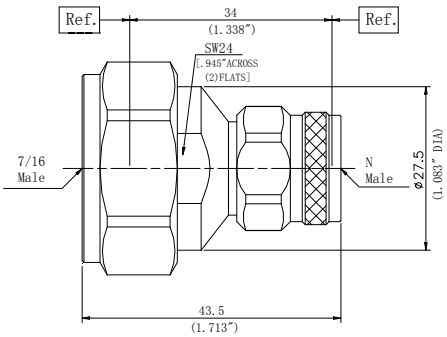
Housing: Brass Plated Ternary alloy
Center Contact: Beryllium Copper Plated Sliver
Insulators:PEI

Interface 7/16PerIEC 60169, N Per MIL-STD-348A









Quick Replacement Adapters

Quick Replacement adapter's performance features

1、 Two types：Push and SELF LOCK

2、 Connects with standard female adapter, don't need to purchase quick replacement female adapter.

*Note：Part no. P-PUSH S-SELF LOCK

Performance Features

Impedance: 50Ω

Durability: 500Cycles

Operating Temperature: -55℃~+165℃

Interface N Type/SMA Per MIL-STD-348A

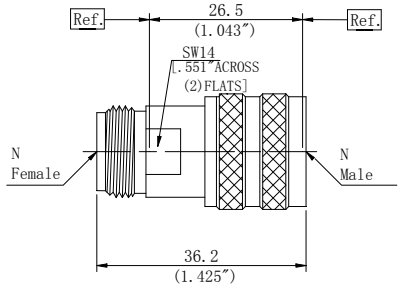
Materials/Finishes

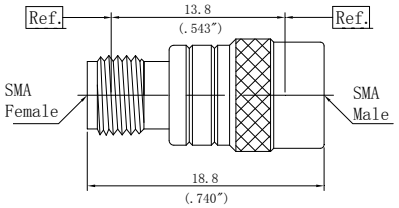
Housing: Type 303 Stainless Stell-Polished&Passivated

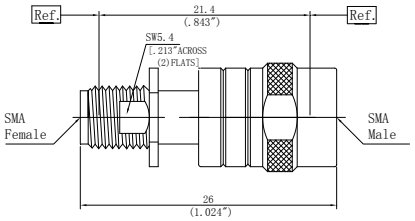
Center Contact:Beryllium copper Plated Gold(Per MIL-G-45204)

Elastomer: Beryllium Plated Gold(Per MIL-G-45204)

Insulators:PEI or PEI&PTFE







Adapter Kits

All the adapter kits put in the wooden box in avoid to losing.

RF Coaxial Termination

N type	DC~18GHz
TNCA	DC~18GHz
SMA	DC~18GHz
3.5mm	DC~27GHz
2.92mm	DC~40GHz
2.4mm	DC~40GHz
N/SMA Quick Replacement Termination	

RF Coaxial Termination

Performance Features

Impedance: 50Ω

Operating Temperature: -55℃~+125℃

Durability: 500Cycles

Materials/Finishes

Housing: Type 303 Stainless Stell-Polished&Passivated

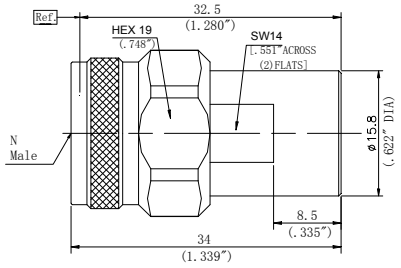
Center Contact:Beryllium Copper Plated Gold

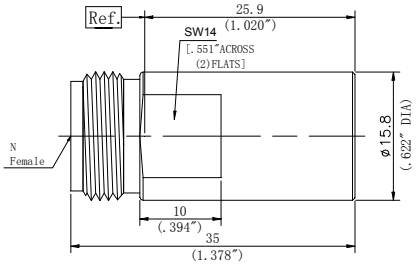
Interface

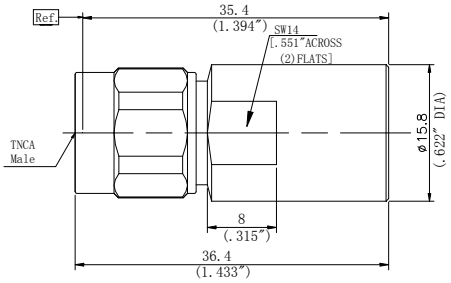
N Type/SMA/2.92mmPer: MIL-STD-348A

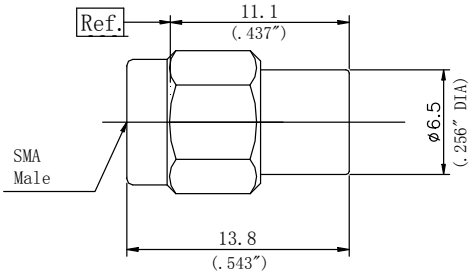
3.5mmInterface Per IEC 60169

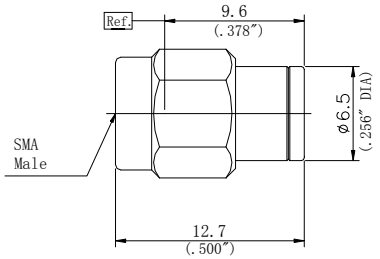
2.4mmInterface Per IEC 61169

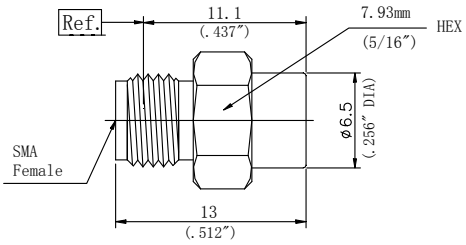









Ref.
9.6
(.378")
SMA
Male
ø6.5
(.256" DIA)
12.7
(.500")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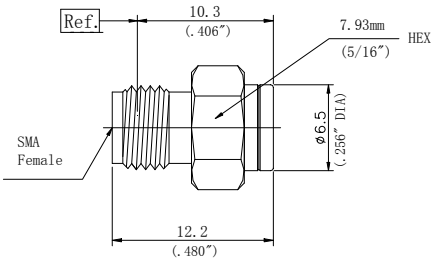
(5/16")
HEX
SMA
Female
ø6.5
(.256" DIA)
13
(.512")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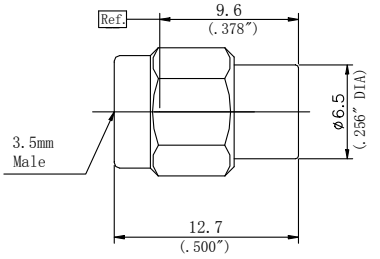
(5/16")
HEX
SMA
Female
ø6.5
(.256" DIA)
12.2
(.480")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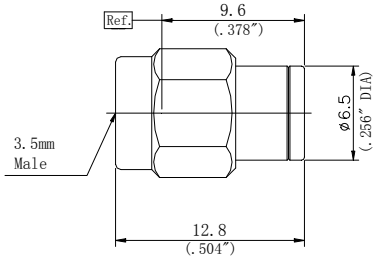
3.5mm
Male
ø6.5
(.256" DIA)
12.7
(.500")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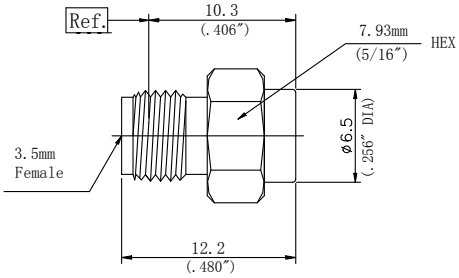
3.5mm
Male
ø6.5
(.256" DIA)
12.8
(.504")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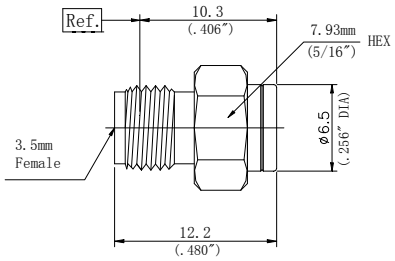
(5/16")
HEX
3.5mm
Female
ø6.5
(.256" DIA)
12.2
(.480")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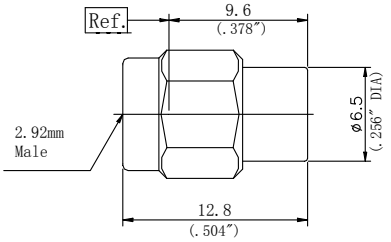
(5/16")
HEX
3.5mm
Female
ø6.5
(.256" DIA)
12.2
(.480")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2.92mm
Male
ø6.5
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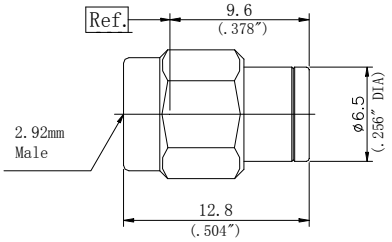
12.8
(.504")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2.92mm
Male
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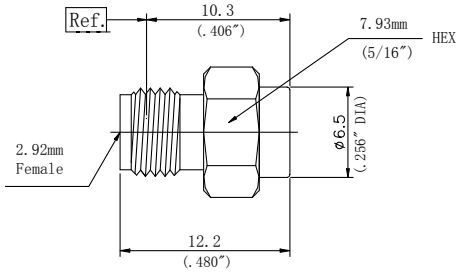
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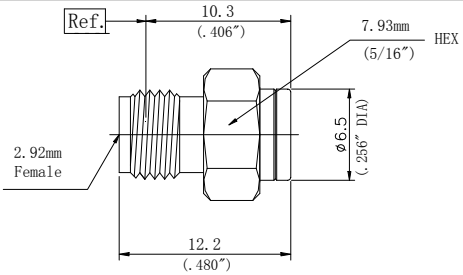
(5/16")
HEX
2.92mm
Female
ø6.5
(.256" DIA)
12.2
(.480")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(5/16")
HEX
2.92mm
Female
ø6.5
(.256" DIA)
12.2
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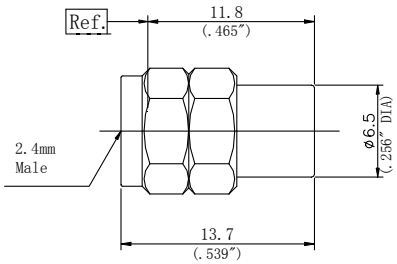
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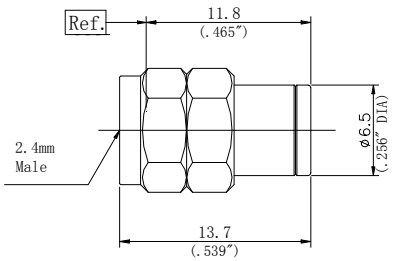
2.4mm
Male
ø6.5
(.256" DIA)
13.7
(.539")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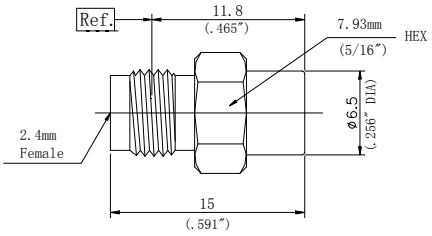
2.4mm
Male
ø6.5
(.256" DIA)
13.7
(.539")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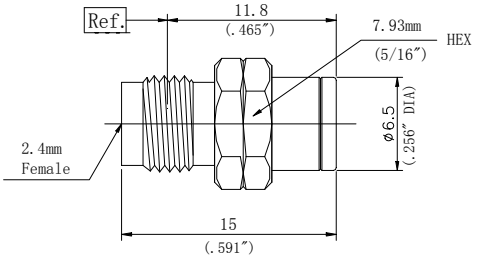
(5/16")
HEX
ø6.5
(.256" DIA)
2.4mm
Female
15
(.591")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7.93mm
(5/16")
HEX
ø6.5
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2.4mm
Female
15
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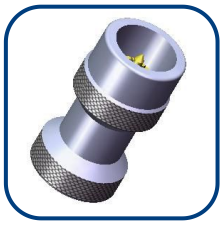

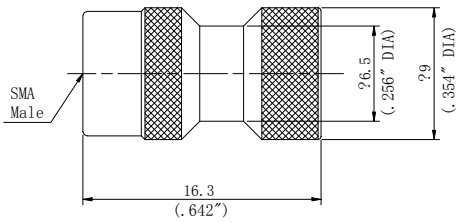
SMA
Male
?6.5
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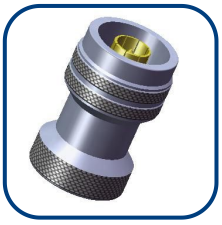
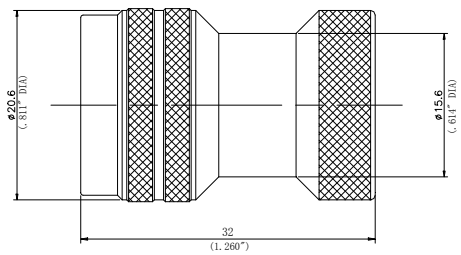
?9
(.354" DIA)
16.3
(.642")




ø20.6
(.811" DIA)
ø15.6
(.614" DIA)
32
(1.260")

RF Coaxial Fixed Attenuator

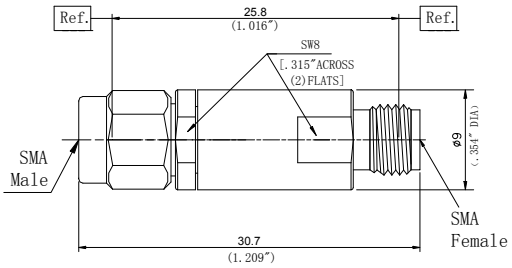
RF Coaxial Fixed Attenuator

Performance Features

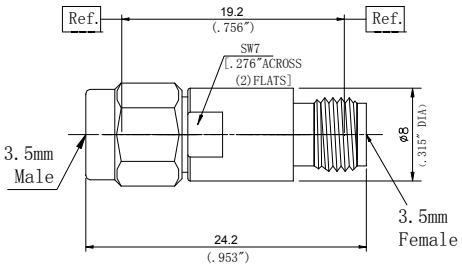
Impedance: 50Ω
Operating Temperature: -55℃~+125℃
Durability: 500Cycles

Materials/Finishes

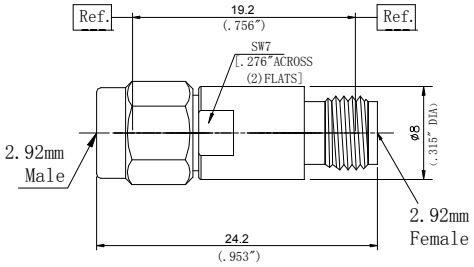
Housing: Type 303 Stainless Stell-Polished&Passivated
Center Contact: Beryllium Copper Plated Gold
Interface SMA/2.92mmPer: MIL-STD-348A
3.5mmInterface Per IEC 60169
2.4mmInterface Per IEC 61169



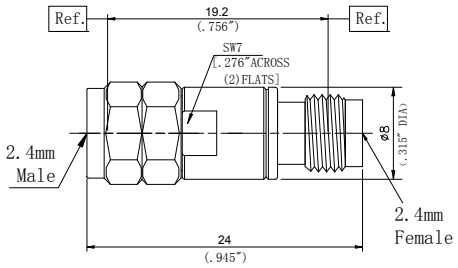
Description		SMA(m) to SMA(f)			
Length (mm)		30.7			
VSWR	DC~18GHz	1.25:1 (max)			
	18~27GHz	1.30:1 (max)			
Attenuation Accuracy	DC~18GHz	±0.5dB	±0.5dB	±0.5dB	±0.8dB
	18~27GHz	±0.8dB	±0.8dB	±0.8dB	±1.0dB
Average Power	DC~27GHz	≤2W			



Description		3.5mm(m) to 3.5mm(f)		
Length (mm)		24.2		
VSWR	DC~26.5GHz	1.30:1 (max)		
	26.5~33GHz	1.35:1 (max)		
Attenuation Accuracy	DC~26.5GHz	±0.5dB	±0.5dB	±0.8dB
	26.5~33GHz	±0.8dB	±0.8dB	±1.0dB
Average Power	DC~33GHz	≤1W		

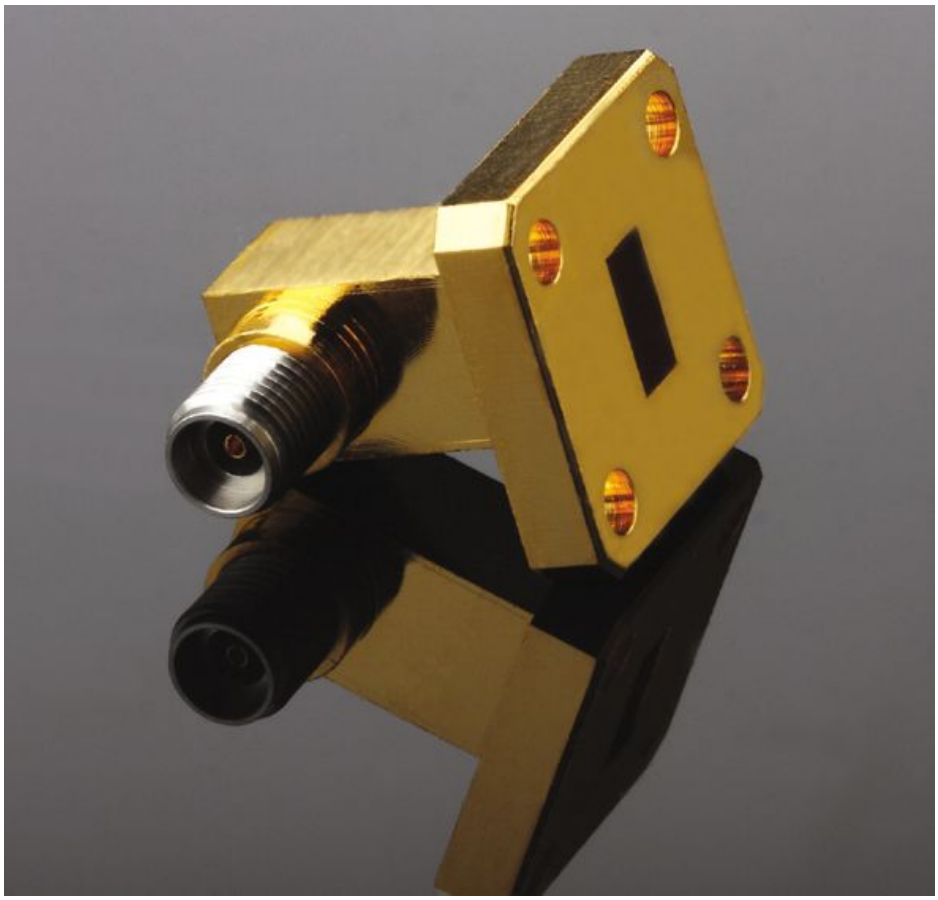


Part no.		A3610P0L03	A3610P0L06	A3610P0L10	A3610P0L20	A3610P0L30（R&D）
Description		2.92mm(m）to 2.92mm(f)				
Length（mm）		24.2				
VSWR	DC~26.5GHz	1.35:1（max）				
	26.5~40GHz	1.40:1（max）				
Attenuation Accuracy	DC~26.5GHz	±0.5dB		±0.6dB		±0.8dB
	26.5~40GHz	±0.8dB		±1.0dB		±1.0dB
Average Power	DC~26.5GHz	≤0.5W				



Description		2.4mm(m）to 2.4mm(f)	
Length（mm）		24	
VSWR	DC~26.5GHz	1.35:1（max）	
	26.5~40GHz	1.45:1（max）	
	40~50GHz	1.60:1（max）	
Attenuation Accuracy	DC~26.5GHz	±0.5dB	±0.75dB
	26.5~40GHz	±1.0dB	±1.25dB
	40~50GHz	±1.5dB	±2.0dB
Average Power	DC~26.5GHz	≤0.5W	

Waveguide-Coaxial Adapter



2.92mm to WR28	26.5~40GHz
2.4mm to WR28	26.5~40GHz
2.92mm to WR22	33~40GHz
2.4mm to WR22	33~50GHz

Waveguide-Coaxial Adapter

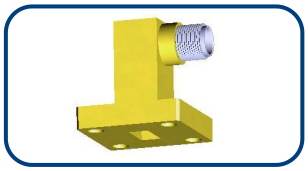
Performance Features

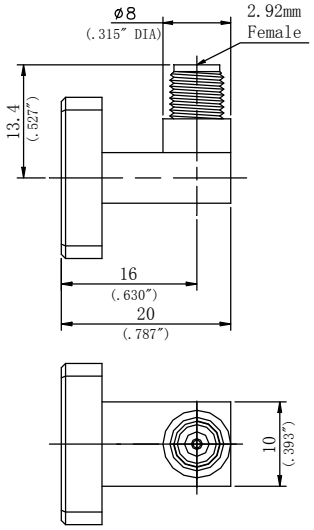
Impedance: 50Ω
Operating Temperature: -55℃~+125℃
Durability: 500Cycles

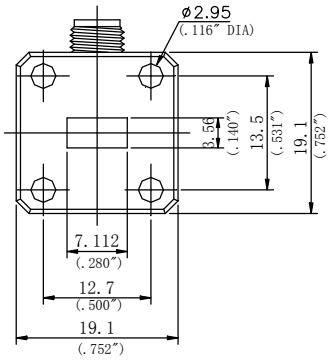
Materials/Finishes

Adapter Housing: Type 303 Stainless Stell-Polished&Passivated
Waveguide Housing: Brass Plated Gold

Interface 2.92mmPerMIL-STD-348A 2.4mmPer IEC 61169



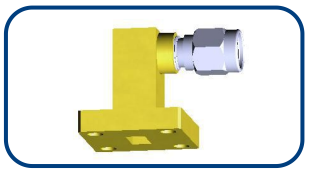


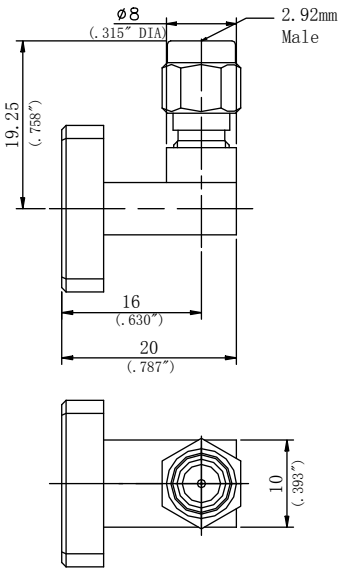


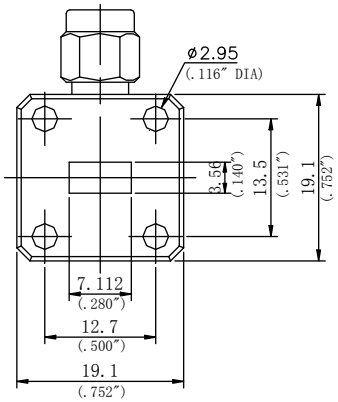
Description 2.92mm(f)-WR28

Frequency Range 26.5GHz~40GHz

VSWR 1.25:1(max)



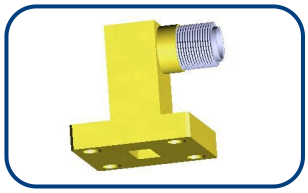


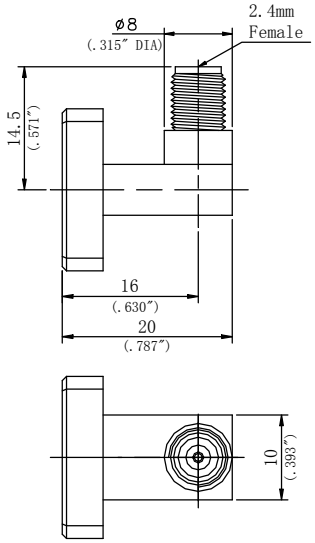


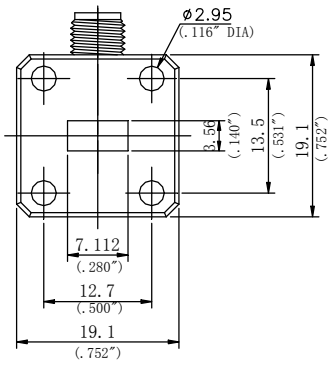
Description 2.92mm(m)-WR28

Frequency Range 26.5GHz~40GHz

VSWR 1.25:1(max)



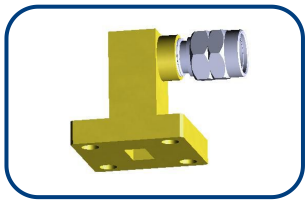


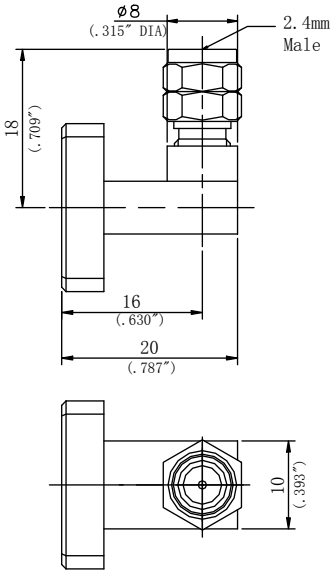


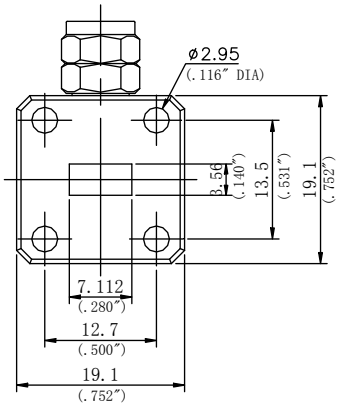
Description 2.4mm(f)-WR28

Frequency Range 26.5GHz~40GHz

VSWR 1.25:1(max)



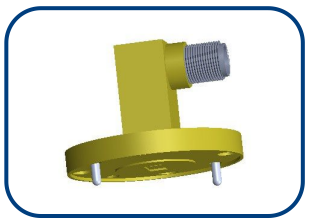


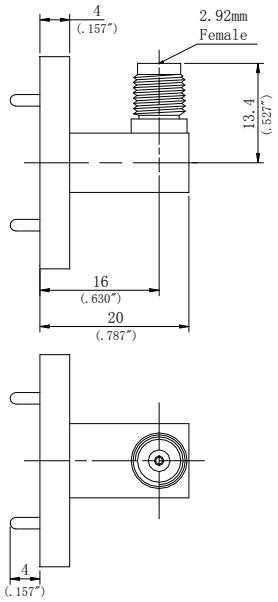


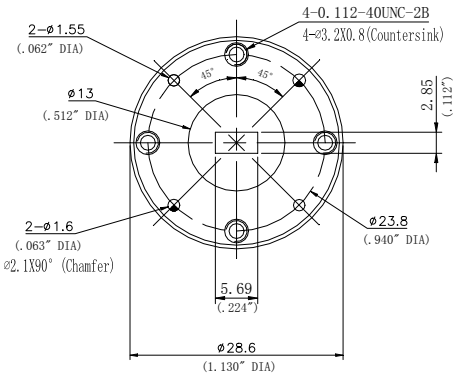
Description 2.4mm(m)-WR28

Frequency Range 26.5GHz~40GHz

VSWR 1.25:1(max)



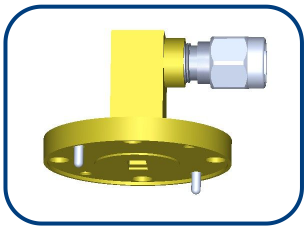


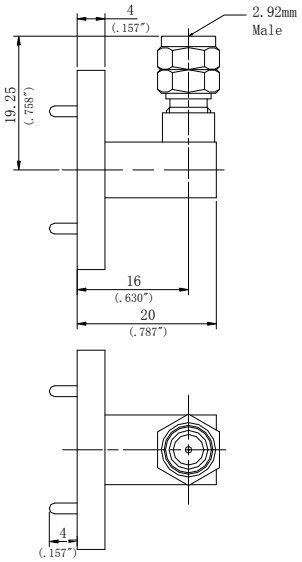


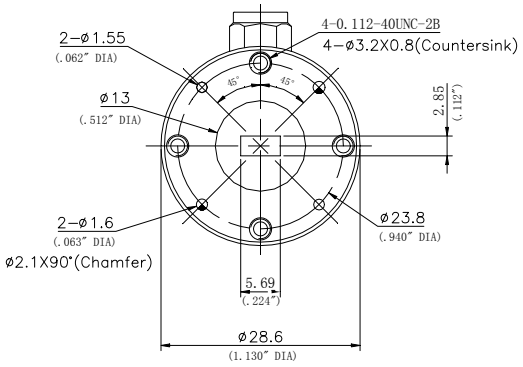
Description 2.92mm(f)-WR22

Frequency Range 33GHz~40GHz

VSWR 1.30:1(max)



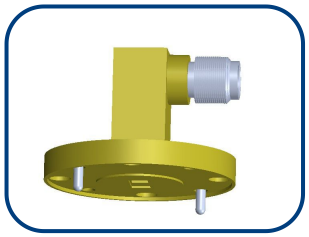


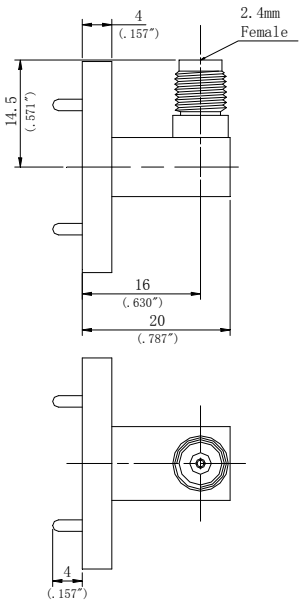


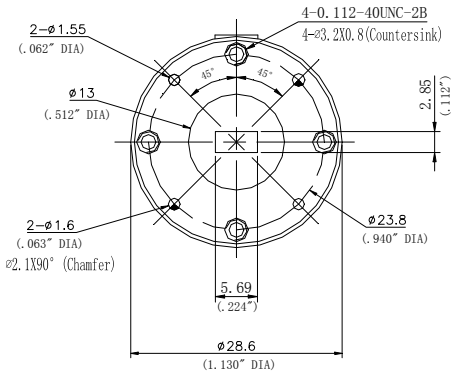
Description 2.92mm(m)-WR22

Frequency Range 33GHz~40GHz

VSWR 1.30:1(max)



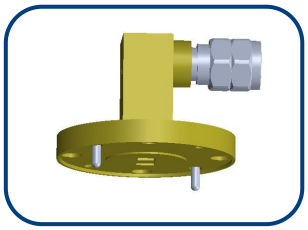


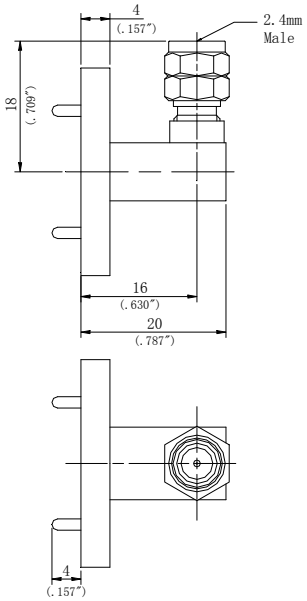


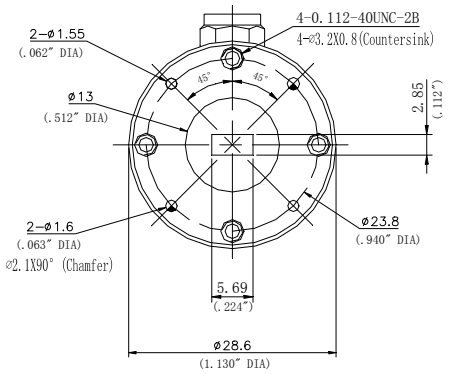
Description 2.4mm(f)-WR22

Frequency Range 33GHz~50GHz

VSWR 1.35:1(max)







Description 2.4mm(m)-WR22

Frequency Range 33GHz~50GHz

VSWR 1.35:1(max)

DC Block

✧ SMA-SMA DC Block(30MHz~18GHz)

Performance Features

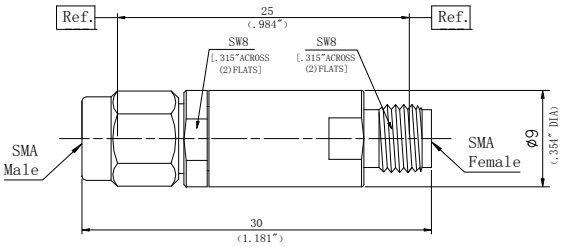
Impedance：50Ω
Frequency Range：30MHz~26.5GHz

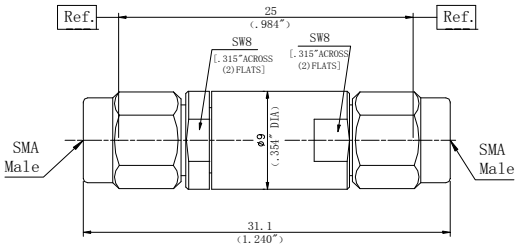
Durability：500Cycles
Operating Temperature：-55℃~+165℃
VSWR:
30MHz~18GHz····1.20:1（max）
（Insertion Loss）：0.8dB(max)
Working Voltage：50 VOLTS

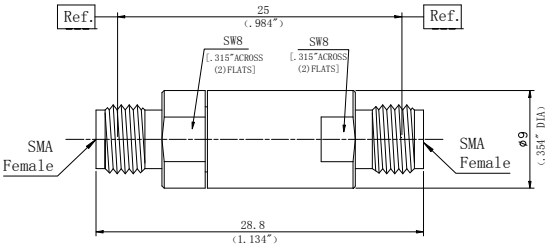
Materials/Finishes

Housing:Type 303 Stainless Steel -Polished&Passivated
Center Contact:Beryllium Copper Plated Gold(Per MIL-G-45204)
Insulators:PTFE&PEI

Interface SMA Per MIL-STD-348A







✧ 3.5mm-3.5mm DC Block(30MHz~26.5GHz)

Performance Features

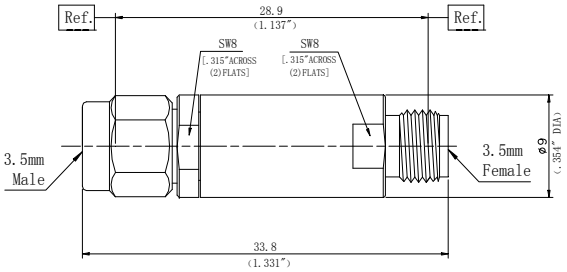
Impedance：50Ω
Frequency Range：30MHz~26.5GHz

Durability：500Cycles
Operating Temperature：-55℃~+165℃
VSWR:
30MHz~26.5GHz····1.25:1（max）
（Insertion Loss）：0.6dB(max)
Working Voltage（Working Voltage）：50 VOLTS

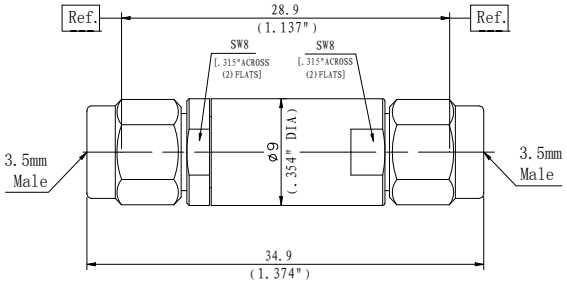
Materials/Finishes

Housing:Type 303 Stainless Steel -Polished&Passivated
Center Contact:Beryllium Copper Plated Gold(Per MIL-G-45204)
Insulators:PEI

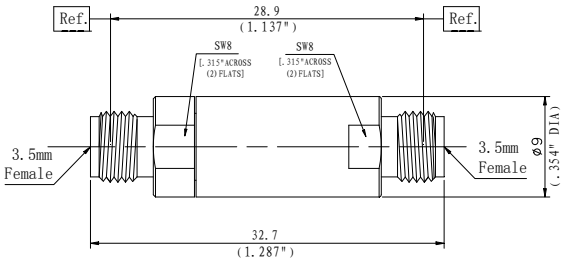
Interface 3.5mmPerIEC-60169



Description 3.5mm（m）to 3.5mm（f）



Description 3.5mm（m）to 3.5mm（m）



Description 3.5mm（f）to 3.5mm（f）

✧ 2.92mm-2.92mm DC Block(30MHz~40GHz)

Performance Features

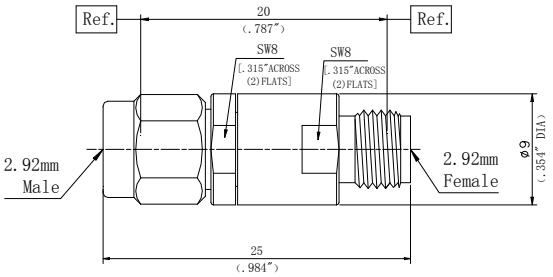
Impedance：50Ω
Frequency Range：30MHz~40GHz

Durability：500Cycles
Operating Temperature：-55℃~+165℃
VSWR:
30MHz~40GHz····1.30:1（max）
（Insertion Loss）：0.8dB(max)
（Working Voltage）：50 VOLTS

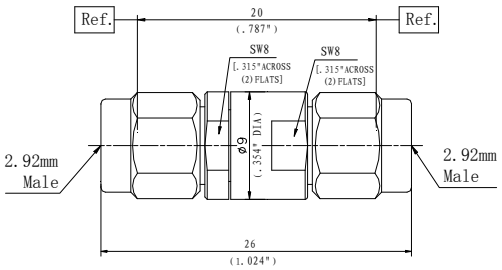
Materials/Finishes

Housing:Type 303 Stainless Steel -Polished&Passivated
Center Contact:Beryllium Copper Plated Gold(Per MIL-G-45204)
Insulators:PEI

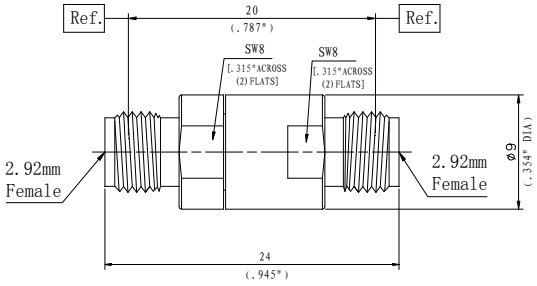
Interface 2.92mmPerMIL-STD-348A



Description	2.92mm（m）to 2.92mm（f）



Description	2.92mm（m）to 2.92mm（m）



Description	2.92mm（f）to 2.92mm（f）

✧ 2.4mm-2.4mm DC Block(30MHz~40GHz)

Performance Features

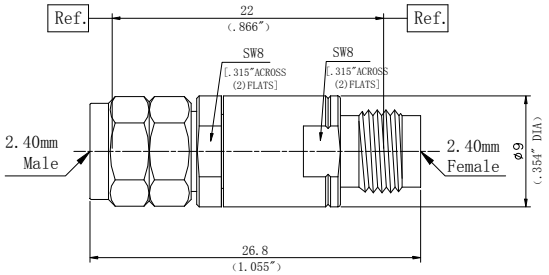
Impedance: 50Ω
Frequency Range: 30MHz~50GHz

Durability: 500Cycles
Operating Temperature: -55℃~+165℃
VSWR:
30MHz~40GHz····1.25:1（max）
（Insertion Loss）: 0.8dB(max)
（Working Voltage）: 50 VOLTS

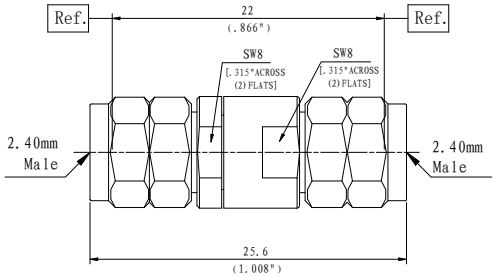
Materials/Finishes

Housing:Type 303 Stainless Steel -Polished&Passivated
Center Contact:Beryllium Copper Plated Gold(Per MIL-G-45204)
Insulators:PEI

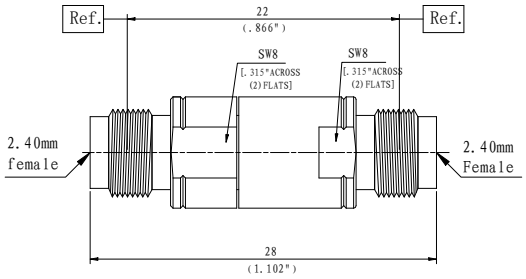
Interface 2.4mm**Per** IEC 61169



Description	2.4mm（m）to 2.4mm（f）



Description	2.4mm（m）to 2.4mm（m）



Description	2.4mm（f）to 2.4mm（f）

✧ N-N DC Block(10MHz~18GHz)

Performance Features

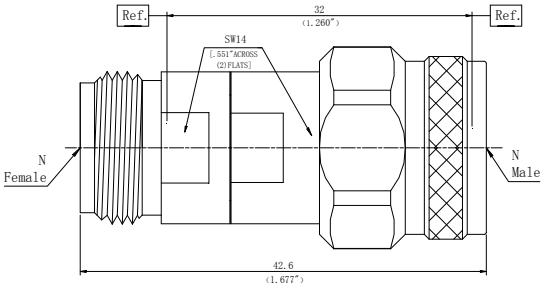
Impedance：50Ω
Frequency Range：10MHz~18GHz

Durability：500Cycles
Operating Temperature：-55℃~+165℃
VSWR:
10MHz~18GHz····1.25:1（max）
Insertion Loss：0.6dB(max)
Working Voltage：50 VOLTS

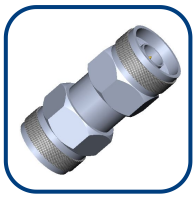
Materials/Finishes

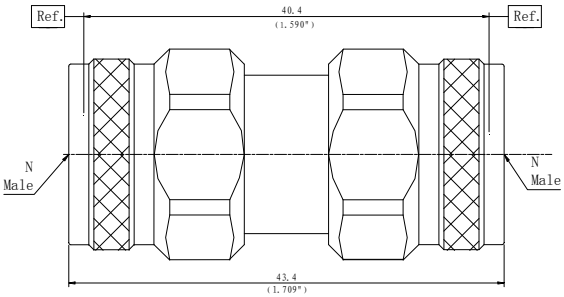
Housing:Type 303 Stainless Steel -Polished&Passivated
Center Contact:Beryllium Copper Plated Gold(Per MIL-G-45204)
Insulators:PEI

Interface N Per MIL-STD-348A

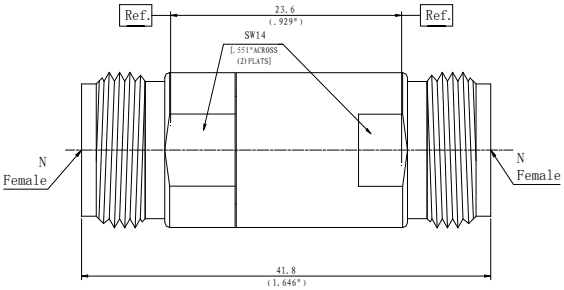


Description	N（m）to N（f）





Description	N（m）to N（m）



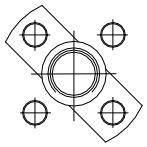
Description	N（f）to N（f）

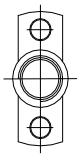
Tools

- Glass Bead Installation Tools
- Thread-in Adapter Installation Tools

Glass Bead Installation Tools-Flange Connector

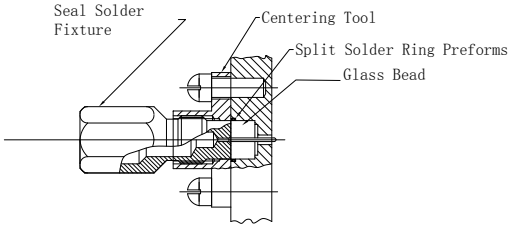
a. Seal Solder Fixture





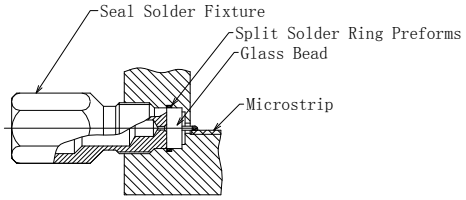
Hole Distance	12.2mm/0.480”	10.2mm/0.400”	8.9mm/0.350”	8.6mm/0.340”
Flange	F01/F04	F03/F05	F02/F06	F07

b. Centering Tool



Centering hole depth	0.23mm/0.009”	0.30mm/0.012”	0.38mm/0.015”	0.46mm/0.018”	0.51mm/0.020”

Glass Bead Installation Tools-Thread-in Connector



Centering Hole depth	0.23mm/0.009”	0.30mm/0.012”	0.38mm/0.015”	0.46mm/0.018”	0.51mm/0.020”

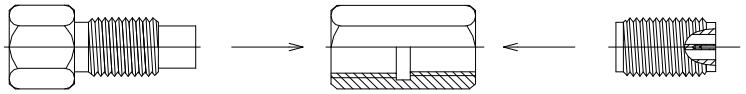
Thread-in Connector Installation Tools

We use special installation tool to assemble parts.

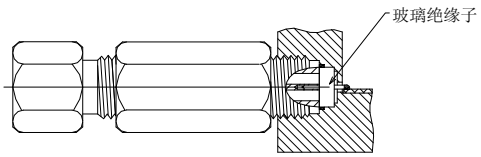
Plunger

Barrel

Step 1:



Step 2：



Part no.： GDG（Including Plunger and barrel）