

Synergy Telecom P Ltd.

SP6T - F6 SERIES
DC - 26.5 GHz
SMA (F) Connectors
Momentary (Normally Open)

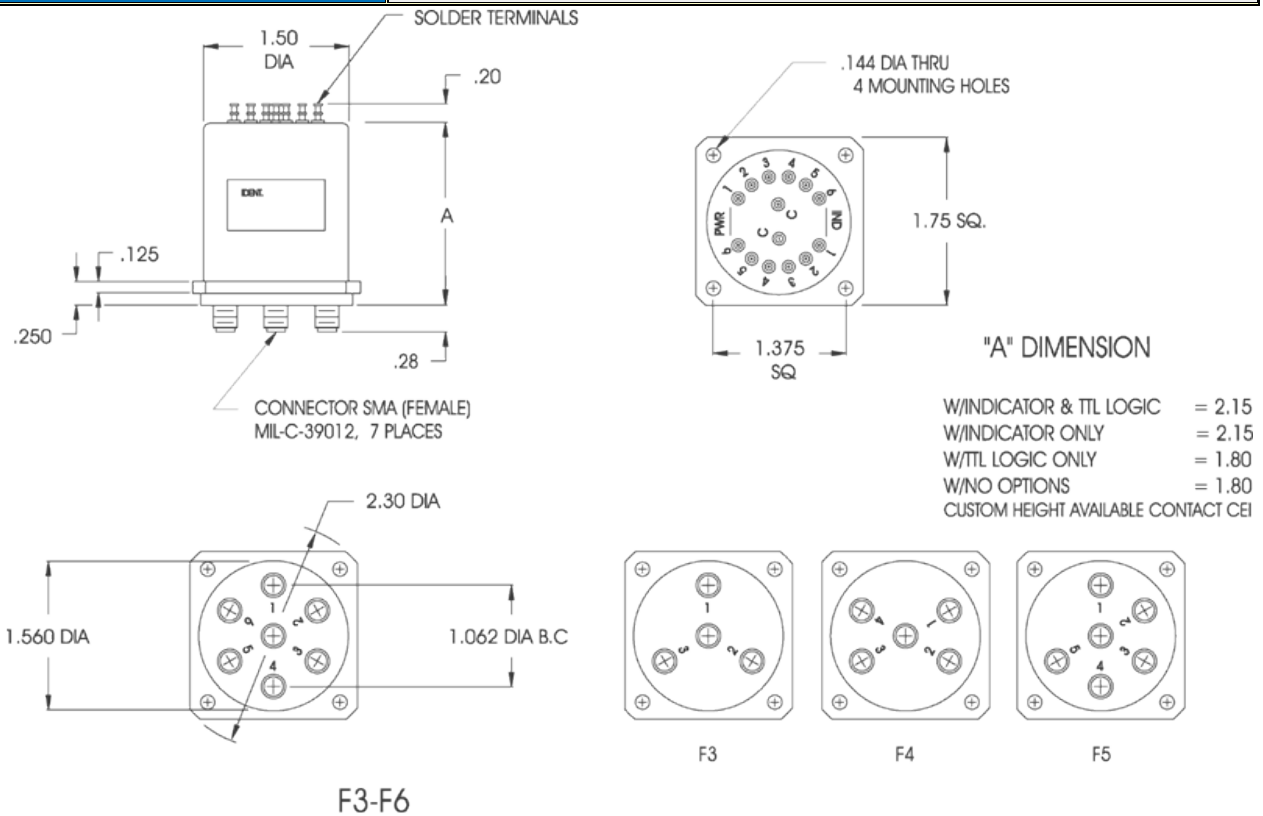


SPECIFICATIONS

| FREQ. (GHz) | DC - 2.0 | 2.0-4.0 | 4.0-8.0 | 8.0-12.4 | 12.4-18.0 | 18.0-26.5 |
|----------------|----------|---------|---------|----------|-----------|-----------|
| VSWR | 1.20:1 | 1.25:1 | 1.30:1 | 1.40:1 | 1.50:1 | 1.65:1 |
| INSERTION LOSS | 0.20 | 0.25 | 0.30 | 0.40 | 0.50 | 0.70 |
| ISOLATION | 90 | 80 | 80 | 70 | 60 | 50 |
| IMPEDANCE | 50 Ohms | | | | | |

| MECHANICAL | |
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| CONTACT | BREAK BEFORE MAKE |
| ACTUATOR | MOMENTARY |
| SWITCHING SPEED | 20 mSEC MAX |
| ELECTRICAL | |
| ACTUATOR VOLTAGE | 12.0, 15.0, 24.0, 28.0 Vdc |
| ACTUATOR CURRENT | VARIES UPON ACTUATOR VOLTAGE - CONTACT CEI |
| POWER HANDLING | 200 WCW @ 1.0 GHz |
| ENVIRONMENTAL | |
| OPERATING TEMP | -40 DEG C TO 90 DEG C (STANDARD) |

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| | -54 DEG C TO 90 DEG C (OPT /MS **) |
| SINE VIBRATION | 30 G'S rms |
| LIFE | 1,000,000 CYCLES |
| RANDOM VIBRATION | 20 G'S rms |
| FINISH | |
| RF CAVITY | ALUMINUM, ELECTROLESS NICKEL PLATED PER MIL-C-26074, CLASS 4 UNLESS LOW OR ULTRA LOW PIM |
| ENCLOSURE | ALUMINUM, BLUE OR BLACK |
| CONTACT | BERYLLIUM COPPER, GOLD PLATED PER MIL-G-45204 |
| CONNECTOR SHELL | CRES, PASSIVATED PER QQ-P-35 OR BRASS, ELECTROLESS NICKEL PLATED PER MIL-C-26074 |



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