

# Synergy Telecom P Ltd.

**SP3T - U3 Series**  
**DC - 12.4 GHz**  
**Type N Female**  
**Failsafe, Latching, Momentary**



## SPECIFICATIONS

FREQ. (GHz)	DC - 2.0	2.0-4.0	4.0-8.0	8.0-12.4
VSWR	1.20:1	1.30:1	1.40:1	1.50:1
INSERTION LOSS	0.20	0.30	0.40	0.50
ISOLATION	80	70	70	60
IMPEDANCE	50 Ohms			

MECHANICAL	
CONTACT	BREAK BEFORE MAKE
ACTUATOR	FAILSAFE, LATCHING, 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	350 WCW @ 1.0 GHz ( <b>STANDARD</b> ) 975 WCW @ 1.0 GHz (OPT /P)
ENVIRONMENTAL	

<b>OPERATING TEMP</b>	-40 DEG C TO 90 DEG C <b>(STANDARD)</b> -54 DEG C TO 90 DEG C (OPT /MS)
<b>SINE VIBRATION</b>	30 G'S rms
<b>LIFE</b>	1,000,000 CYCLES
<b>RANDOM VIBRATION</b>	20 G'S rms
<b>FINISH</b>	
<b>RF CAVITY</b>	ALUMINUM, ELECTROLESS NICKEL PLATED PER MIL-C-26074, CLASS 4 UNLESS LOW OR ULTRA LOW PIM
<b>ENCLOSURE</b>	ALUMINUM, BLACK OR BLUE
<b>CONTACT</b>	BERYLLIUM COPPER, GOLD PLATED PER MIL-G-45204
<b>CONNECTOR SHELL</b>	CRES, PASSIVATED PER QQ-P-35 OR BRASS, ELECTROLESS NICKEL PLATED PER MIL-C-26074

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