

Synergy Telecom P Ltd.

SP5T - U5 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 (STANDARD) 975 WCW @ 1.0 GHz (OPT /P)

ENVIRONMENTAL	
OPERATING TEMP	-40 DEG C TO 90 DEG C (STANDARD) -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, BLACK OR BLUE
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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