

Synergy Telecom P Ltd.

SP5T - W5 Series
Very High Power
DC - 6.0 GHz
Tye SC (F) Connectors
Failsafe, Latching, Momentary



SPECIFICATIONS

FREQ. (GHz)	DC - 2.0	2.0-4.0	4.0-6.0
VSWR	1.20:1	1.30:1	1.40:1
INSERTION LOSS	0.20	0.30	0.40
ISOLATION	80	70	70
IMPEDANCE	50 Ohms		
MECHANICAL			
CONTACT	BREAK BEFORE MAKE		
ACTUATOR	FAILSAFE, LATCHING, MOMENTARY		
SWITCHING SPEED	20 mSEC MAX		
ELECTRICAL			
ACTUATOR VOLTAGE	28.0, 24.0, 15.0, 12.0 Vdc		
ACTUATOR CURRENT	VARIES UPON ACTUATOR VOLTAGE - CONTACT CEI		
POWER HANDLING	1600 WCW @ 1.0 GHz		

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
LIFE	1,000,000 CYCLES
RANDOM VIBRATION	20 G'S
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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