

# Synergy Telecom P Ltd.

**SP8T - K8 Series**  
**DC - 18.0 GHz**  
**SMA (F) Connectors**  
**Failsafe, Latching, Momentary**



## SPECIFICATIONS

FREQ. (GHz)	DC - 2.0	2.0-4.0	4.0-8.0	8.0-12.4	12.4-18.0
VSWR	1.20:1	1.20:1	1.25:1	1.30:1	1.40:1
INSERTION LOSS	0.20	0.20	0.25	0.30	0.40
ISOLATION	90	80	80	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	VARIABLE UPON ACTUATOR VOLTAGE - CONTACT CEI
POWER HANDLING	200 WCW @ 1.0 GHz

<b>ENVIRONMENTAL</b>	
<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, BLUE OR BLACK
<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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