

# Synergy Telecom P Ltd.

**SP5T - H5 Series**  
**DC - 26.5 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	18.0-26.5
<b>VSWR</b>	1.20:1	1.20:1	1.25:1	1.30:1	1.40:1	1.50:1
<b>INSERTION LOSS</b>	0.20	0.20	0.25	0.30	0.40	0.60
<b>ISOLATION</b>	90	80	80	70	60	50
<b>IMPEDANCE</b>	50 Ohms					

<b>MECHANICAL</b>	
<b>CONTACT</b>	BREAK BEFORE MAKE
<b>ACTUATOR</b>	FAILSAFE, LATCHING, MOMENTARY
<b>SWITCHING SPEED</b>	20 mSEC MAX
<b>ELECTRICAL</b>	
<b>ACTUATOR VOLTAGE</b>	12.0, 15.0, 24.0, 28.0 Vdc
<b>ACTUATOR CURRENT</b>	VARIES UPON ACTUATOR VOLTAGE - CONTACT CEI
<b>POWER HANDLING</b>	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

13-15 RPS flats, E-block, Vikaspuri, N Delhi-110018, India  
Phone-91 11 28533349, Mobile-91 98101 38894, Fax -91 11 2853 1435,  
E-mail : pradeep@rfconnectorhouse.com, Website : <http://www.rfconnector.info/>