

# B7 SERIES SP2T DC - 26.5 GHz OPEN PORTS TERMINATED



FREQUENCY: GHz	DC - 2.0	2.0 - 6.0	4.0 - 8.0	8.0 - 12.4	12.4 - 18.0	18.0 - 26.5
VSWR (MAX.)	1.20:1	1.20:1	1.25:1	1.30:1	1.40:1	1.50:1
INSERTION LOSS	0.20	0.20	0.25	0.30	0.40	0.50
ISOLATION	90	80	80	70	60	60
IMPEDANCE	50 Ohms					

**MECHANICAL**

CONTACT : BREAK BEFORE MAKE  
 ACTUATOR : FAILSAFE, LATCHING, MOMENTARY  
 SWITCHING SPEED : 20 mSEC MAX.

**ELECTRICAL**

ACTUATOR VOLTAGE : 28.0, 12.0, 15.0, 24.0 Vdc  
 ACTUATOR CURRENT : SEE TABLE ON PAGE 13  
 POWER HANDLING : 200 WCW @ 1.0 GHz (STANDARD)  
 TERMINATION : 8 WATTS MAX.

**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 ms  
 RANDOM VIBRATION : 20 G'S ms  
 LIFE : 1,000,000 CYCLES

**FINISH**

RF CAVITY : ALUMINUM ELECTROLESS NICKEL PLATED  
 PER MIL-C-26074, CLASS 4  
 (EXCEPT LOW OR ULTRA LOW IM MODELS)  
 ENCLOSURE : ALUMINUM, 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

**AVAILABLE OPTIONS**

INDICATOR CIRCUITRY : CUT OFF POWER CIRCUIT  
 SUPPRESSION DIODE : D'SUB MINIATURE SERIES  
 TTL LOGIC : MS CONNECTOR OR EQUIV. (MIL-SPEC)  
 LOW, ULTRA LOW, AND SUPERIOR INTERMODULATION (IM)

