

# B6 SERIES SP2T DC - 12.4 GHz

**OPEN PORTS TERMINATED**



FREQUENCY: GHz	DC - 2.0	2.0 - 4.0	4.0 - 8.0	8.0 - 12.4
VSWR (MAX.)	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			
<b>MECHANICAL</b>				
CONTACT	:	BREAK BEFORE MAKE		
ACTUATOR	:	FAILSAFE, LATCHING, MOMENTARY		
SWITCHING SPEED	:	20 mSEC MAX.		
<b>ELECTRICAL</b>				
ACTUATOR VOLTAGE	:	28.0, 12.0, 15.0, 24.0 Vdc		
ACTUATOR CURRENT	:	SEE TABLE ON PAGE 13		
POWER HANDLING	:	350 WCW @ 1.0 GHz (STANDARD)		
	:	950 WCW @ 1.0 GHz (OPT./P)		
TERMINATION	:	8 WATTS MAX.		
<b>ENVIRONMENTAL</b>				
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		
<b>FINISH</b>				
RF CAVITY	:	ALUMINUM ELECTROLESS NICKEL PLATED PER MIL-C-26074, CLASS 4 (EXCEPT LOW OR ULTRA LOW IM MODELS)		
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		
<b>AVAILABLE OPTIONS</b>				
INDICATOR CIRCUITRY	:	CUT OFF POWER CIRCUIT		
SUPPRESSION DIODE	:	MS CONNECTOR OR EQUIV. (MIL-SPEC)		
TTL LOGIC	:	D'SUB MINIATURE SERIES		
	:	LOW, ULTRA LOW, AND SUPERIOR INTERMODULATION (IM)		

