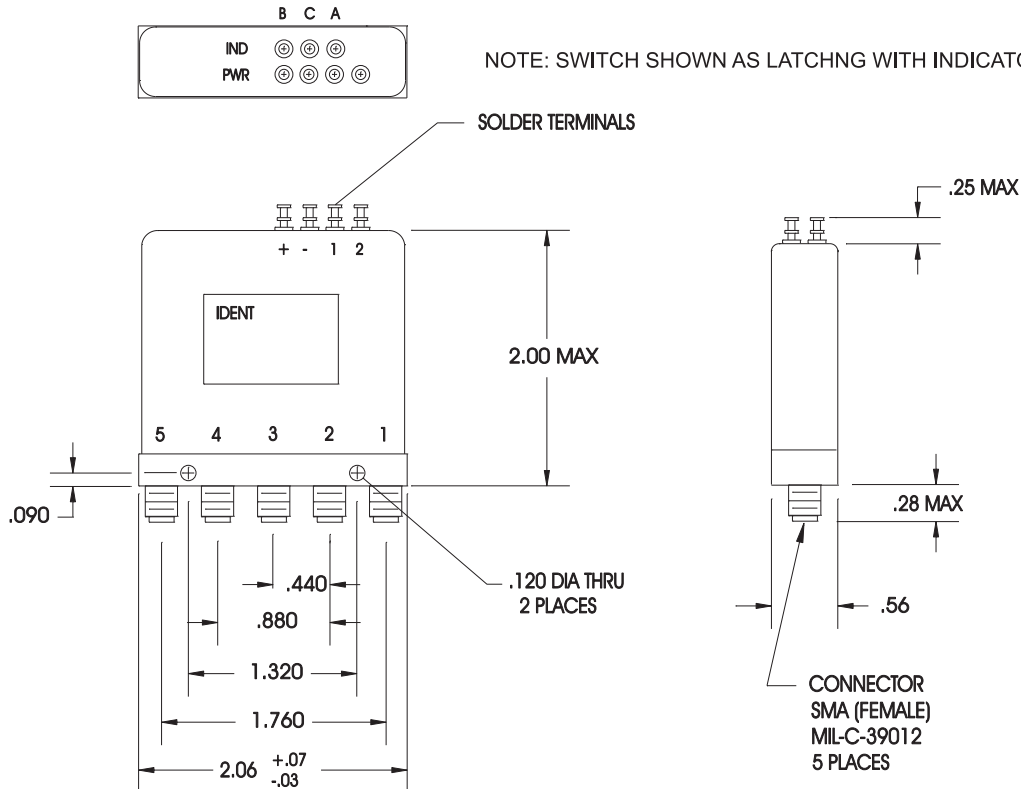


# B77 SERIES SPDT - 5 PORT DC - 26.5 GHz

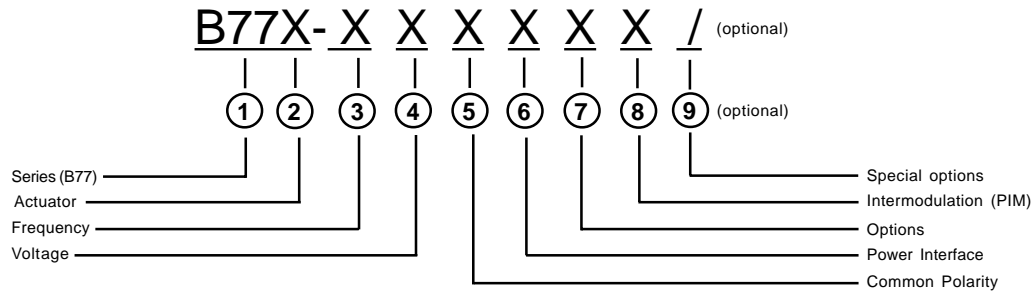
## EXTERNAL PORTS TERMINATED



FREQUENCY: GHz	DC - 2.0	2.0 - 4.0	4.0 - 8.0	8.0 - 12.4	12.4 - 18.0	18.0 - 26.5
VSWR (MAX.)	1.20:1	1.25:1	1.30:1	1.40:1	1.50:1	1.65:1
INSERTION LOSS (MAX.)	0.20	0.25	0.30	0.40	0.50	0.70
ISOLATION (MIN.)	90	80	80	70	60	50
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	:		CONTACT CEI			
POWER HANDLING	:		200 WCW @ 1.0 GHz (STANDARD) 300 WCW @ 1.0 GHz (OPT. /P)			
<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, 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	:		D'SUB MINIATURE SERIES			
TTL LOGIC	:		MS CONNECTOR OR EQUIV. (MIL-SPEC)			
	:		LOW, ULTRA LOW, AND SUPERIOR INTERMODULATION (IM)			



## B77 SERIES PART NUMBER &amp; ORDERING INFORMATION

**1 - Switch Series**

B77 SPDT EXTERNALLY TERMINATED SMA

**2 - Actuator**

F	FAILSAFE	R	MOMENTARY
G	FAILSAFE WITH SUPPRESSION DIODE	S	MOMENTARY WITH SUPPRESSION DIODE
H	FAILSAFE WITH INDICATOR	T	MOMENTARY WITH INDICATOR
J	FAILSAFE WITH SUPPRESSION DIODE AND INDICATOR	U	MOMENTARY WITH SUPPRESSION DIODE AND INDICATOR
L	LATCHING	Y	OTHER (SPECIFY)
M	LATCHING WITH SUPPRESSION DIODE		
N	LATCHING WITH INDICATOR		
P	LATCHING WITH SUPPRESSION DIODE AND INDICATOR		

**3 - Frequency Bandwidth**

1	DC - 13.0 GHz	6	DC - 6.0 GHz
2	DC - 2.0 GHz	7	DC - 26.5 GHz
3	DC - 12.4 GHz	8	DC - 20.0 GHz
4	DC - 4.0 GHz	0	OTHER (SPECIFY)
5	DC - 18.0 GHz		

**4 - Voltage**

1	10 - 14 Vdc (12.0 NOMINAL)	4	24 - 32 Vdc (28.0 NOMINAL)
2	13 - 18 Vdc (15.0 NOMINAL)	5	OTHER
3	20 - 30 Vdc (24.0 NOMINAL)	0	NOT REQUIRED

**5 - Common Polarity**

1	POSITIVE (+) COMMON
2	NEGATIVE (-) OR RETURN V <sub>dc</sub> COMMON
0	NOT REQUIRED

**6 - Power Interface**

1	SOLDER TERMINAL (TOP OF SWITCH)	5	D' SUB MINIATURE SERIES (TOP OF SWITCH)
		8	OTHER

**7 - Options**

1	CUT OFF POWER CIRCUIT (LATCHING ONLY)	8	OTHER (SPECIFY)
2	TTL LOGIC	9	CUSTOM (ORDER)
3	CUT OFF PWR CIRCUIT & TTL LOGIC (LATCHING ONLY)	0	NO OTHER OPTIONS REQUIRED

**8 - Intermodulation**

7	LOW PASSIVE INTERMODULATION	9	ULTRA LOW PASSIVE INTERMODULATION
8	SUPERIOR PASSIVE INTERMODULATION	0	STANDARD SWITCH

**9 - Special Options (optional - leave blank if not required)**

/P	HIGH TEMP, HIGH POWER CONNECTOR
/MS	EXTENDED TEMP RANGE -54 DEG C TO + 90 DEG
/MSP	HIGH TEMP, HIGH POWER CONNECTOR AND EXTENDED TEMP RANGE