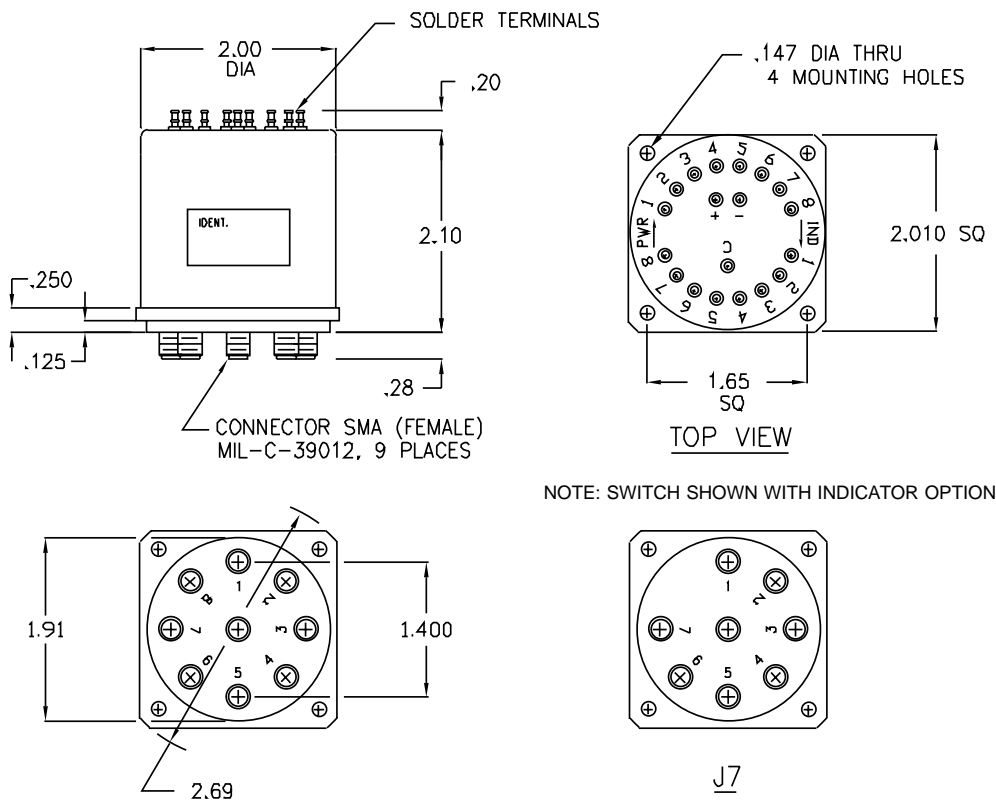


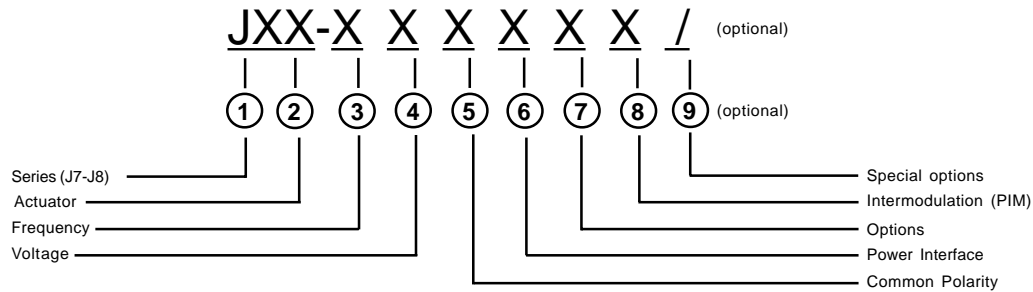
J8 SERIES SP8T MOMENTARY DC - 20.0 GHz



FREQUENCY: GHz	DC - 2.0	2.0 - 4.0	4.0 - 8.0	8.0 - 12.4	12.4 - 18.0	18.0 - 20.0
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					
MECHANICAL						
CONTACT	:	BREAK BEFORE MAKE				
ACTUATOR	:	MOMENTARY (NORMALLY OPEN)				
SWITCHING SPEED	:	20 mSEC MAX.				
ELECTRICAL						
ACTUATOR VOLTAGE	:	28.0, 24.0, 15.0 Vdc				
ACTUATOR CURRENT	:	CONTACT CEI				
POWER HANDLING	:	200 WCW @ 1.0 GHz 300 WCW @ 1.0 GHz (OPT. /P)				
ENVIRONMENTAL						
OPERATING TEMP	:	-40 DEG. C TO 90 DEG. C -54 DEG. C TO 90 DEC. C (OPT. /MS)				
SINE VIBRATION	:	20 G'S				
RANDOM VIBRATION	:	15 G'S				
LIFE	:	1,000,000 CYCLES				
FINISH						
RF CAVITY	:	ALUMINUM ELECTROLESS NICKEL PLATED PER MIL-C-26074, CLASS 4 (EXCEPT LOW OR ULTRA LOW PIM MODELS)				
ENCLOSURE	:	ALUMINUM, BLUE OR BLACK				
CONTACT	:	BERYLLIUM COPPER, GOLD PLATED				
CONNECTOR SHELL	:	PER MIL-G-45204 CRES, PASSIVATED PER QQ-P-35 OR BRASS, ELECTROLESS NICKEL PLATED PER MIL-C-26074				
AVAILABLE OPTIONS						
INDICATOR CIRCUITRY	:	D' SUB MINIATURE SERIES				
SUPPRESSION DIODE	:	MS CONNECTOR (MIL-SPEC)				
TTL LOGIC	:	LOW OR ULTRA LOW (PIM)				
CUSTOM DESIGNS	:					



J7-J8 SERIES PART NUMBER & ORDERING INFORMATION

**1 - Switch Series**

J7	SP7T SMA
J8	SP8T SMA

2 - Actuator

R	MOMENTARY
S	MOMENTARY WITH SUPPRESSION DIODE
T	MOMENTARY WITH INDICATOR
U	MOMENTARY WITH SUPPRESSION DIODE AND INDICATOR
Y	OTHER (SPECIFY)

3 - Frequency Bandwidth

1	DC - 13.0 GHz	6	DC - 6.0 GHz
2	DC - 2.0 GHz	8	DC - 20.0 GHz
3	DC - 12.4 GHz	0	OTHER (SPECIFY)
4	DC - 4.0 GHz		
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 Vdc COMMON
0	NOT REQUIRED

6 - Power Interface

1	SOLDER TERMINAL (TOP OF SWITCH)	5	D' SUB MINIATURE SERIES (TOP OF SWITCH)
3	CONN MS3112E-XX-XXP OR EQUIV. (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