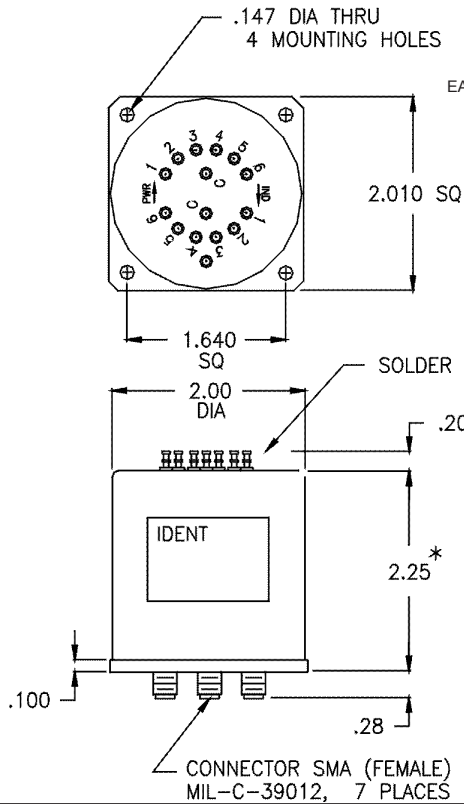


P3 - P6 SERIES SP3T - SP6T DC - 26.5 GHz

OPEN PORTS TERMINATED

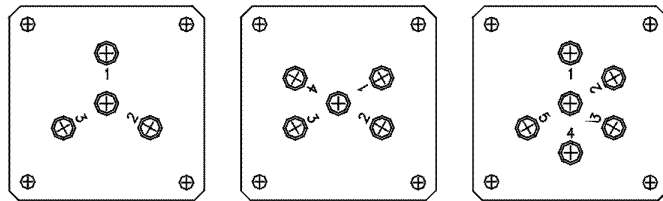
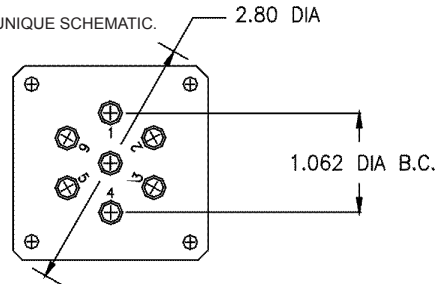


FREQUENCY: GHz	DC - 2.0	2.0 - 4.0	4.0 - 8.0	8.0 - 12.4	12.4 - 18.0	18.0 - 26.5
VSWR (MAX.)	1.20:1	1.25:1	1.30:1	1.40:1	1.50:1	1.65:1
INSERTION LOSS (MAX.)	0.20	0.25	0.30	0.40	0.50	0.70
ISOLATION (MIN.)	90	80	80	70	60	50
IMPEDANCE	50 Ohms					
MECHANICAL						
CONTACT ACTUATOR SWITCHING SPEED	BREAK BEFORE MAKE FAILSAFE, LATCHING, MOMENTARY 20 mSEC MAX.					
ELECTRICAL						
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)					
TERMINATION	8 WATTS MAX.					
ENVIRONMENTAL						
OPERATING TEMP	-40 DEG. C TO 85 DEG. C					
SHOCK	50 G's (SAWTOOTH)					
RANDOM VIBRATION	15 G's rms (NON-OPERATING)					
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 OR BLACK					
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					
NOTE	FINISH MAY VARY FOR /MS VERSION					
AVAILABLE OPTIONS						
INDICATOR CIRCUITRY	CUT OFF POWER CIRCUIT					
SUPPRESSION DIODE	D'SUB MINIATURE SERIES					
TTL LOGIC	MS CONNECTOR OR EQUIV. (MIL-SPEC)					
BCD TTL DECODER	LOW, ULTRA, AND SUP INTERMODULATION (IM)					



REFERENCE FOR DIMENSIONS ONLY
ALSO AVAILABLE WITH A D'SUB OR MS CONNECTOR

EACH MODEL NUMBER WILLHAVE A UNIQUE SCHEMATIC.



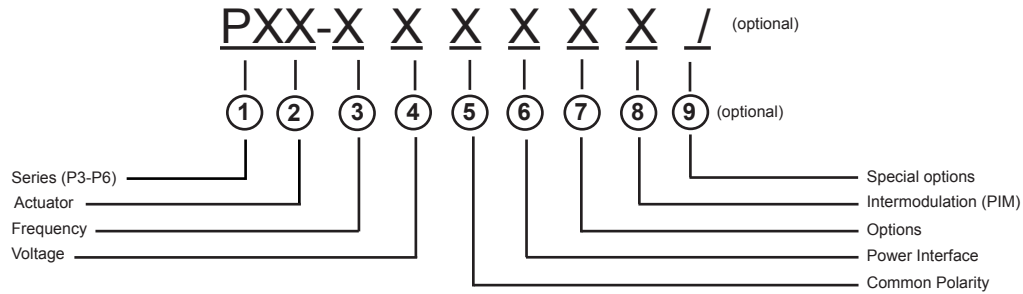
P3

P4

P5

* SWITCH WITH TTL LOGIC OR PWR.CONNECTOR
THIS DIMENSION TO BE 2.60 MAXIMUM.

P3-P6 SERIES PART NUMBER & ORDERING INFORMATION

**1 - Switch Series**

P3	SP3T TERMINATED SMA
P4	SP4T TERMINATED SMA
P5	SP5T TERMINATED SMA
P6	SP6T 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	26 - 30 Vdc (28.0 NOMINAL)
2	13 - 17 Vdc (15.0 NOMINAL)	5	OTHER
3	22 - 26 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
4	BCD TTL DECODER		

8 - Intermodulation

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

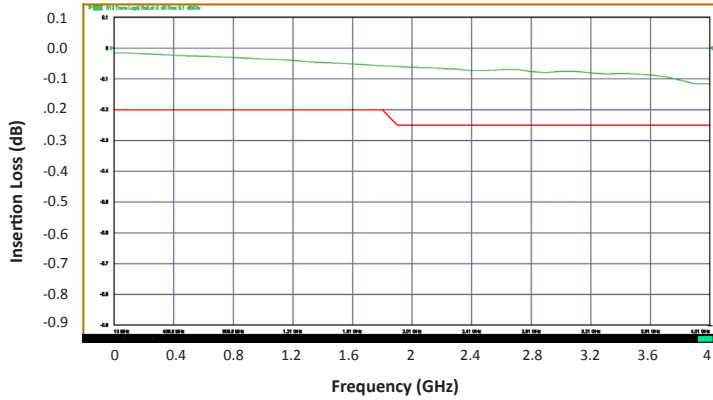
9 - Special Options (optional - leave blank if not required)

/P	HIGH TEMP, HIGH POWER CONNECTOR
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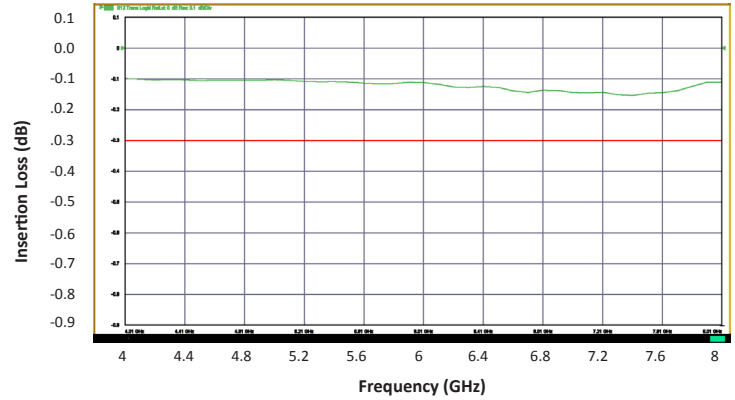
SP3T/SP6T TERMINATED - P Series

TYPICAL NARROWBAND INSERTION LOSS PERFORMANCE CURVES

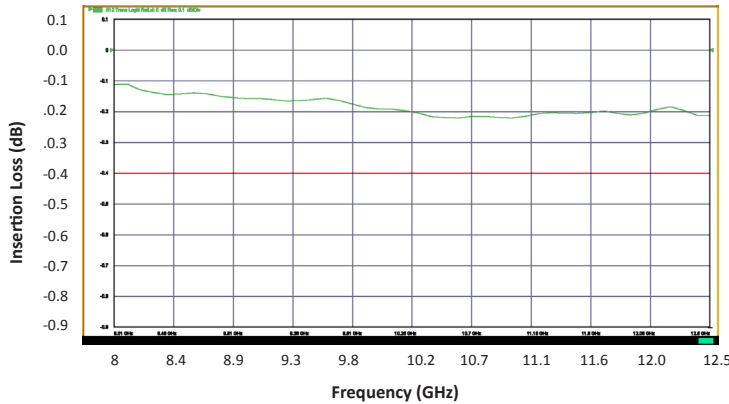
Insertion Loss (DC-4 GHz)



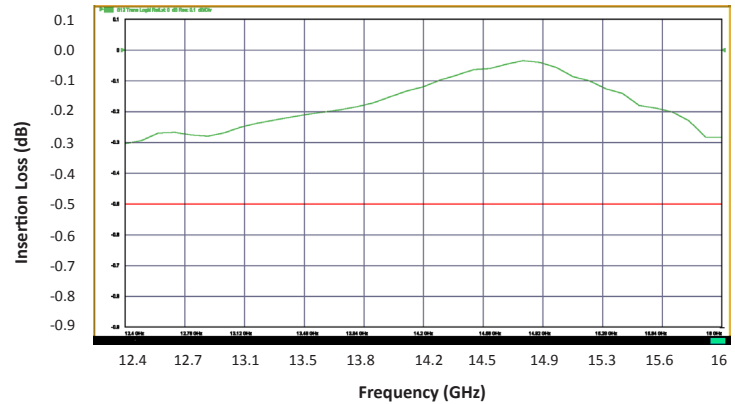
Insertion Loss (4-8 GHz)



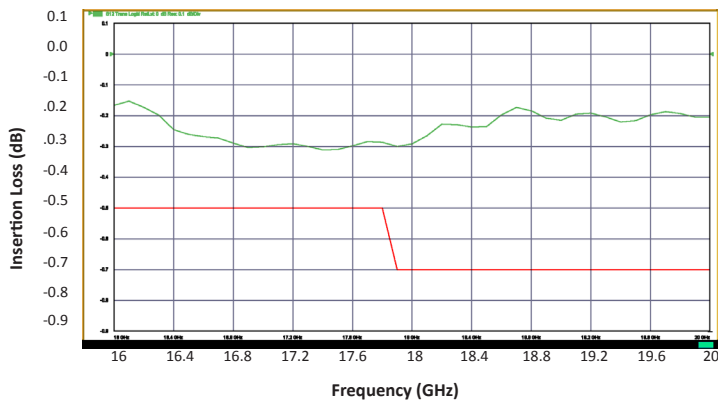
Insertion Loss (8-12.4 GHz)



Insertion Loss (12.4-16 GHz)



Insertion Loss (16-20 GHz)

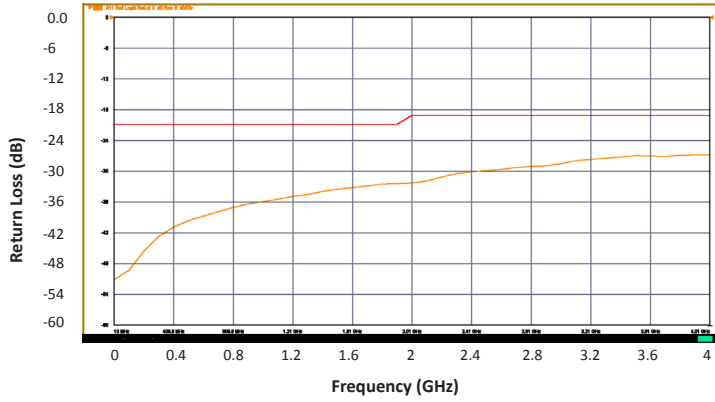


— TYPICAL
 — MAXIMUM TEST LIMIT

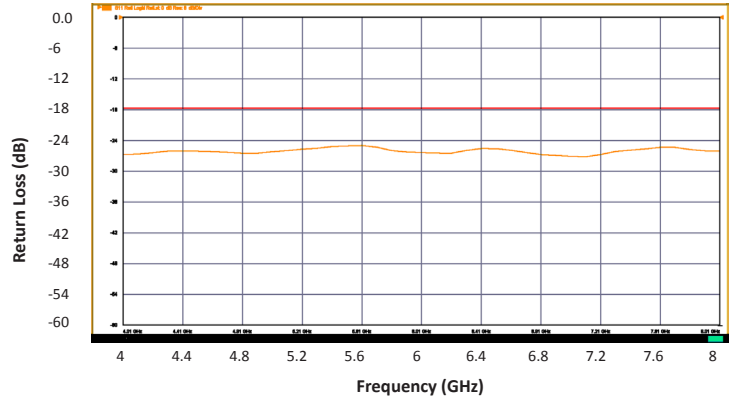
SP3T/SP6T TERMINATED- P Series

TYPICAL NARROWBAND RETURN LOSS PERFORMANCE CURVES

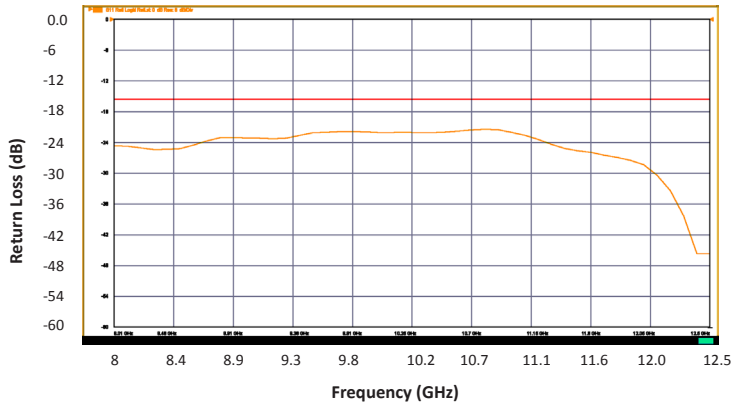
Return Loss (DC-4 GHz)



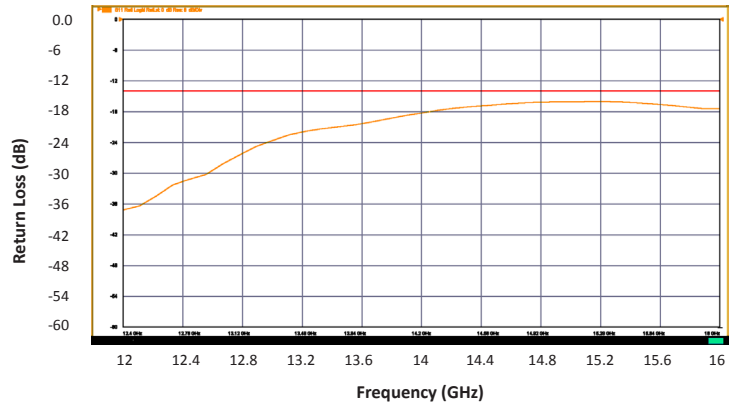
Return Loss (4-8 GHz)



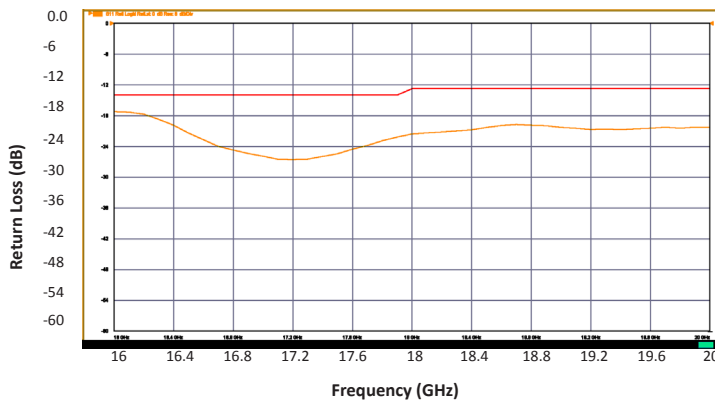
Return Loss (8-12.4 GHz)



Return Loss (12.4-16 GHz)



Return Loss (16-20 GHz)

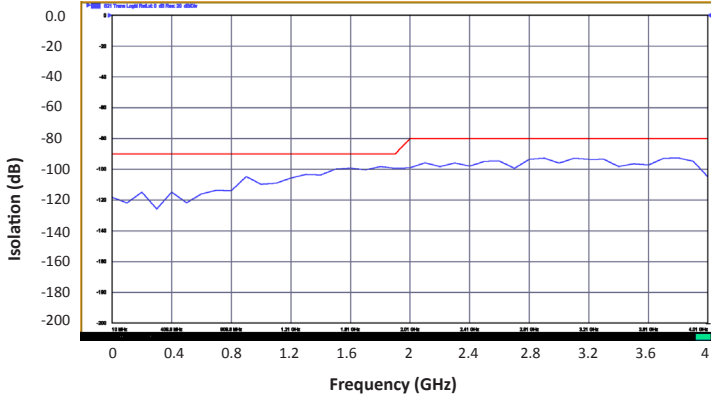


— TYPICAL
 — MAXIMUM TEST LIMIT

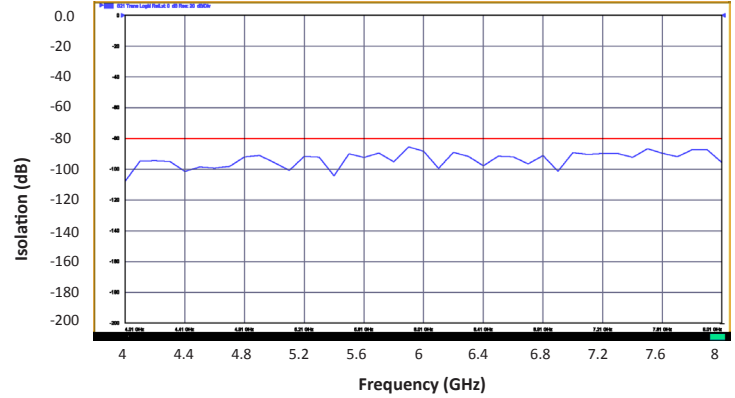
SP3T/SP6T TERMINATED - P Series

TYPICAL NARROWBAND ISOLATION PERFORMANCE CURVES

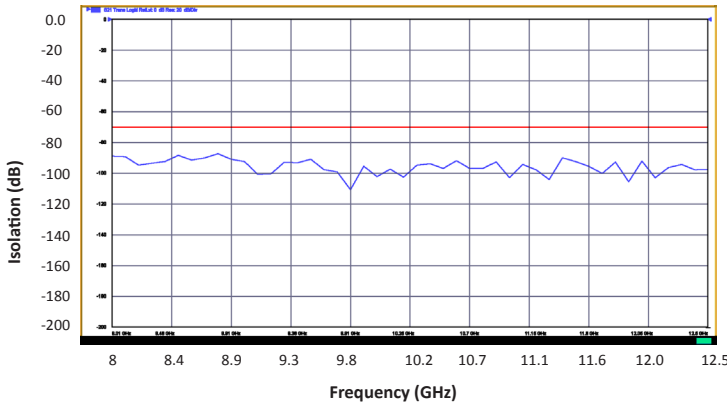
Isolation (DC-4 GHz)



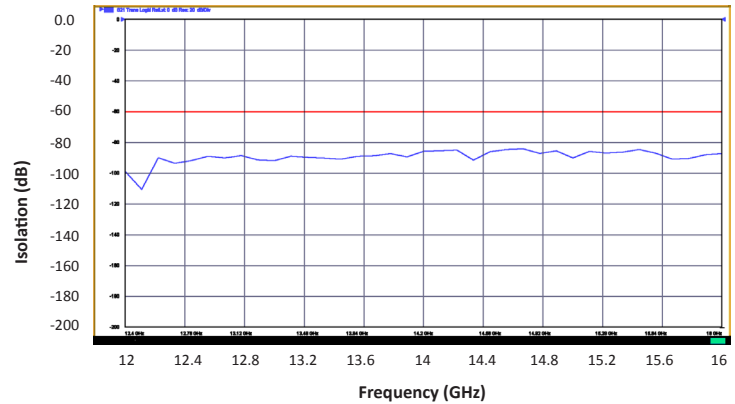
Isolation (4-8 GHz)



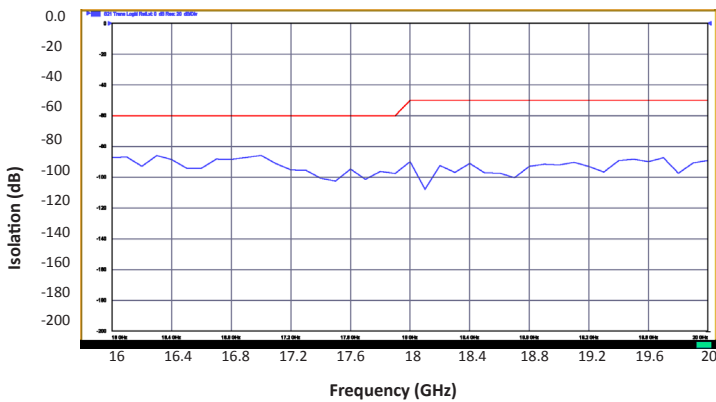
Isolation (8-12.4 GHz)



Isolation (12.4-16 GHz)



Isolation (16-20 GHz)



— TYPICAL
 — MAXIMUM TEST LIMIT