PART NUMBERING SYSTEM

RP 1 4 - L A 0 0 L 0 D - ☐

Conn Type	Configuration	Operating Mode	Voltage	Function Select	Function Select	Function Select	Function Select	Perfomnce Select	Option
RP : SMA	SPST : 11	L : Latching	A : 12V	I : Indicator	T : TTL	L : Termination	0 : 18 ~20 GHz	D : D-Sub	Null : Normal
RP1 : N	SPDT : 12	LS : Latching+ Self-Cutoff	B : 15V	0 : NO	P : Low PIM	0 : No	1 : <3 GHz	S : Solder Pin	C : Customized
RP2 : 7/17(DIM)	TRAN : 22	F : Failsafe	C : 24V		0 : NO		2 : 3 GHz	K : High Performance	
RP3 : TNC	2P3T : 23	O : Normally Open	D : 28V		D : Decoder		3 : 6 GHz	Z : Special	
RP4 : SMB	SP3T : 13		E : 48V				4 : 12 GHz		
RP5 : F	SP4T : 14		Z : Special				5 : 26.5 GHz		
RP6 : SMT	SP5T : 15						6 : 40 GHz		
RP7 : Special	SP6T : 16						7 : 50 GHz		
RP8 : K(2.92mm)	SP7T : 17								
RP9 : 2.4mm	SP8T : 18								
	SP9T : 19								
	SP10T : 1A								
	SP12T : 1C								

SPECIFICATION

Connector Type	SMA
Form Factor	SP4T
Action	Latching
Actuation Voltage Available	12 VDC
Actuation Current Max	Set: 280mA / Reset: 1120 mA
Indicator	No
TTL Logic	ON STATE: N/A
	OFF STATE: N/A
Termination	Yes
Impedance	50 Ohms
Frequency Range	DC–18 GHz
Control I/O	D-Sub

ENVIRONMENTAL AND PHYSICAL CHARACTERISTICS

Operating Temperature	–25°C to 65°C
Vibration (MIL-STD-202 Method 214, Condition D, non-operating)	10 g's RMS
Shock (MIL-STD-202 Method 213, Condition D, non-operating)	500 g's
Standard Actuator Life	5,000,000 cycles
Actuator Life with additional features	1,000,000 cycles
Switching Time	20 ms (max.)
Humidity (Moisture Seal)	Available



PERFORMANCE CHARACTERISTICS

Frequency	DC – 6 GHz	6 – 12.4 GHz	12.4 – 18 GHz
Insertion Loss, dB, Max.	0.2	0.4	0.5
Isolation, dB, Min.	70	65	60
VSWR , Max.	1.25 : 1	1.40 : 1	1.50 : 1

PINOUT & LOGIC TABLE

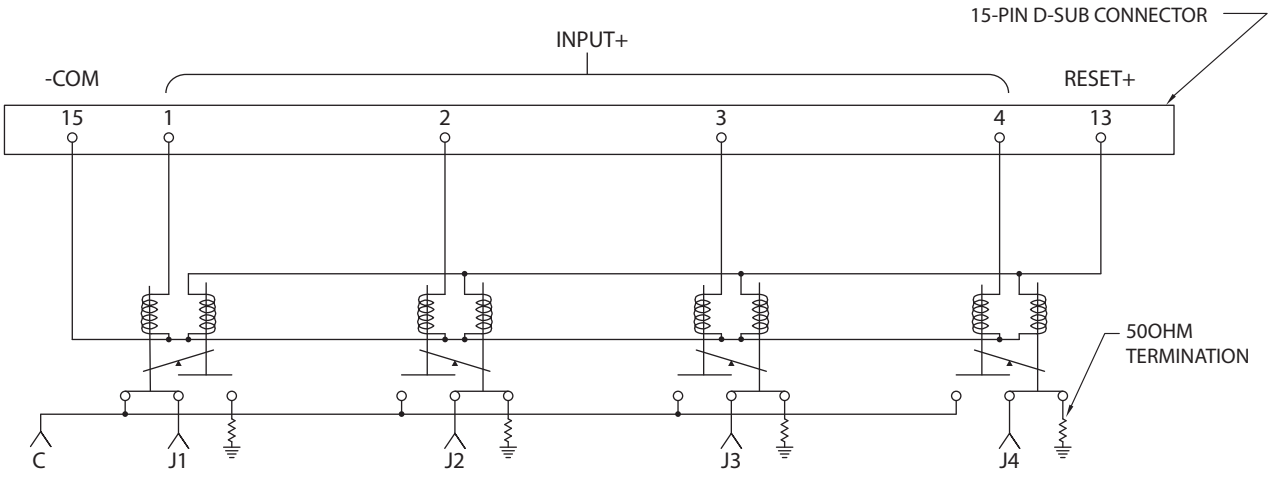
Pin No.

1. INPUT 1
2. INPUT 2
3. INPUT 3
4. INPUT 4
5 ~ 13. N/C
14. RESET +
15. COM

TERMINALS / D-SUB PIN ASSIGNMET	RF PATH			
	J1	J2	J3	J4
1 (SET +)	ON	OFF	OFF	OFF
2 (SET +)	OFF	ON	OFF	OFF
3 (SET +)	OFF	OFF	ON	OFF
4 (SET +)	OFF	OFF	OFF	ON
13 (RESET +)	ALL OFF			

15 COM -

SCHEMATIC



STANDARD DIMENSIONS

