PART NUMBERING SYSTEM

RP 1 6 - L A 0 T L 0

Conn Type	Configuration	Operating Mode	Voltage	Function Select	Function Select	Function Select	Function Select
RP : SMA	SPST : 11	L : Latching	A : 12V	I : Indicator	T : TTL	L : Termination	0 : 18 ~20 GHz
RP1 : N	SPDT : 12	LS : Latching+ Self-Cutoff	B : 15V	0 : NO	P : Low PIM	0 : No	1 : <3 GHz
RP2 : 7/17(DIM)	TRAN : 22	F : Failsafe	C : 24V		0 : NO		2 : 3 GHz
RP3 : TNC	2P3T : 23	O : Normally Open	D : 28V		D : Decoder		3 : 6 GHz
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						
RP8 : K(2.92mm)	SP7T : 17						
	SP8T : 18						
	SP9T : 19						
	SP10T : 1A						
	SP12T : 1C						

SPECIFICATION

Connector Type	SMA
Form Factor	SP6T
Action	Latching
Actuation Voltage Available	12 VDC
Actuation Current Max	1680 mA
Indicator	No
TTL LOGIC	ON STATE: 2.4 ~ 5.5 VDC
	OFF STATE: 0 ~ 0.8 VDC
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 GHz	12 – 18 GHz
Insertion Loss, dB, Max.	0.2	0.4	0.5
Isolation, dB, Min.	70	60	60
VSWR , Max.	1.25 : 1	1.40 : 1	1.50 : 1

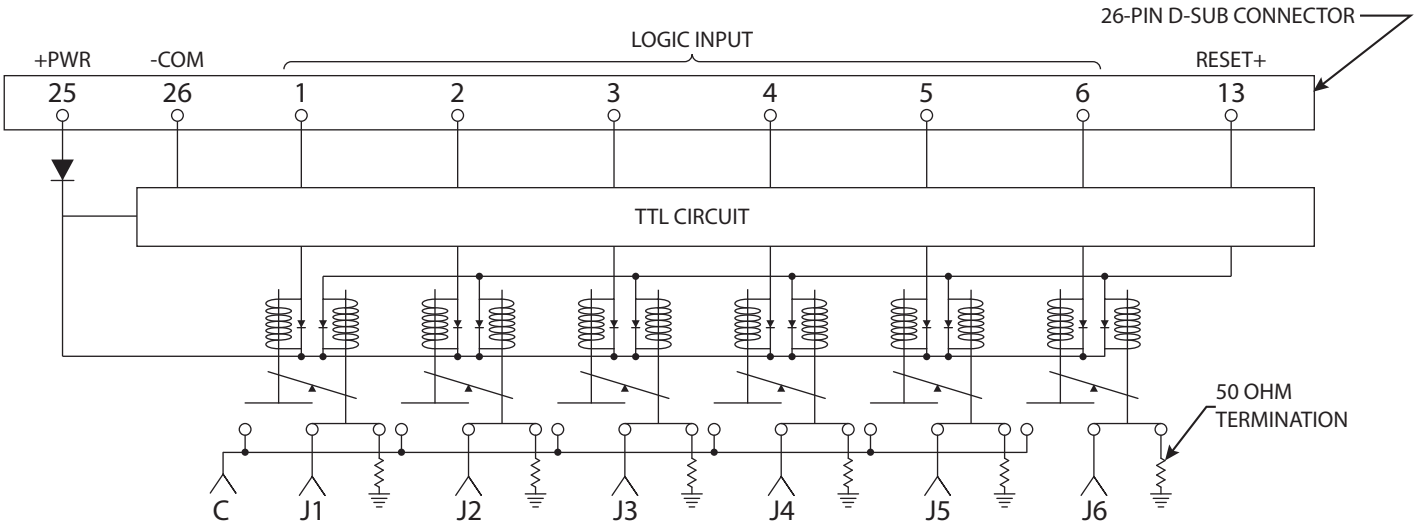
PINOUT & LOGIC TABLE

Pin No.

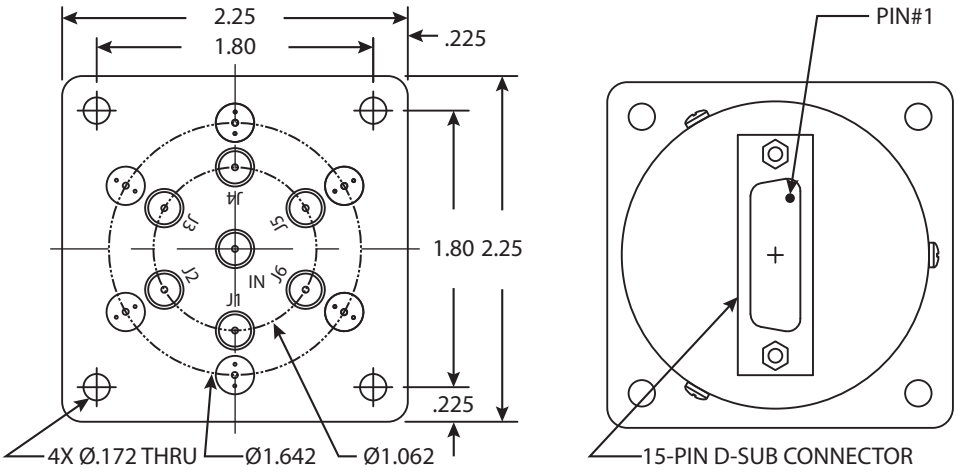
1.	TTL INPUT 1	7 ~ 12.	N/C
2.	TTL INPUT 2	13.	RESET +
3.	TTL INPUT 3	14 ~ 24	N/C
4.	TTL INPUT 4	25.	PWR
5.	TTL INPUT 5	26.	COM
6.	TTL INPUT 6		

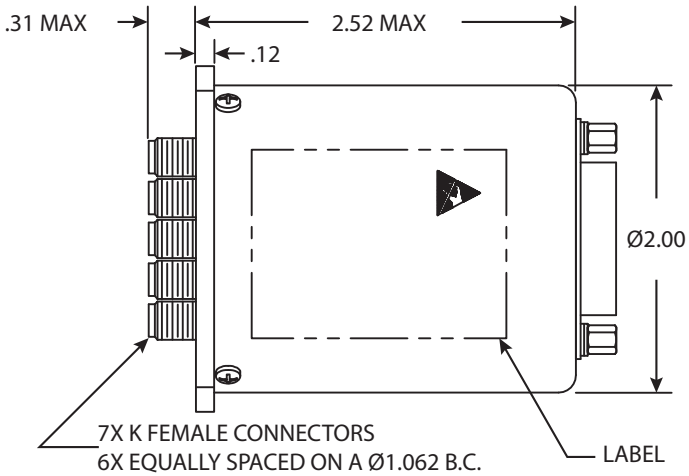
TERMINALS / D-SUB PIN TTL ASSIGNMENT	RF PATH					
	J1	J2	J3	J4	J5	J6
1	ON	OFF	OFF	OFF	OFF	OFF
2	OFF	ON	OFF	OFF	OFF	OFF
3	OFF	OFF	ON	OFF	OFF	OFF
4	OFF	OFF	OFF	ON	OFF	OFF
5	OFF	OFF	OFF	OFF	ON	OFF
6	OFF	OFF	OFF	OFF	OFF	ON
13(RESET+)	ALL OFF					

SCHEMATIC



STANDARD DIMENSIONS





(Unit : inch)