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ISSUE 12-09-22

SERIE : SPnT

PART NUMBER : R573103645LP

RF CHARACTERISTICS

Number of ways : **6**
 Frequency range : **0 - 12.4 GHz**
 Impedance : **50 Ohms**

Frequency (GHz)	DC - 3	3 - 8	8 - 12.4
VSWR max	1.20	1.35	1.50
Insertion loss max	0.20 dB	0.35 dB	0.50 dB
Isolation min	80 dB	70 dB	60 dB
Average power (*)	400 W	250 W	200 W

Passive intermodulation	
Tone 1	1810 MHz, approximately 43 dBm
Tone 2	1850 MHz, approximately 43 dBm
3 rd order PIM	- 160 dBc at 1770 MHz

Depending on application, carrier powers and frequencies, PIM measurements can vary.
 PIM testing is not measured during product acceptance test.

ELECTRICAL CHARACTERISTICS

Actuator : **NORMALLY OPEN**
 Nominal current ** : **102 mA**
 Actuator voltage (Vcc) : **28V (24 to 30V) / POSITIVE COMMON**
 Terminals : **25 pins D-SUB male connector**

MECHANICAL CHARACTERISTICS

Connectors***** : **N female per MIL-C 39012**
 Life : **2 million cycles per position**
 Switching Time*** : **< 15 ms**
 Construction : **Splashproof**
 Weight : **< 460 g**

ENVIRONMENTAL CHARACTERISTICS

Operating temperature range : **-25°C to +70°C**
 Storage temperature range : **-55°C to +85°C**

- (* Average power at 25°C per RF Path)
- (** At 25° C ±10%)
- (*** Nominal voltage ; 25° C)
- (**** Recommended mating torque: 300 N.cm)



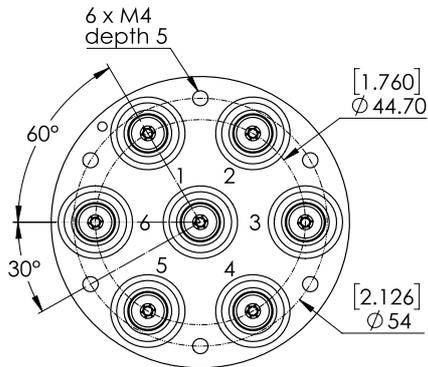
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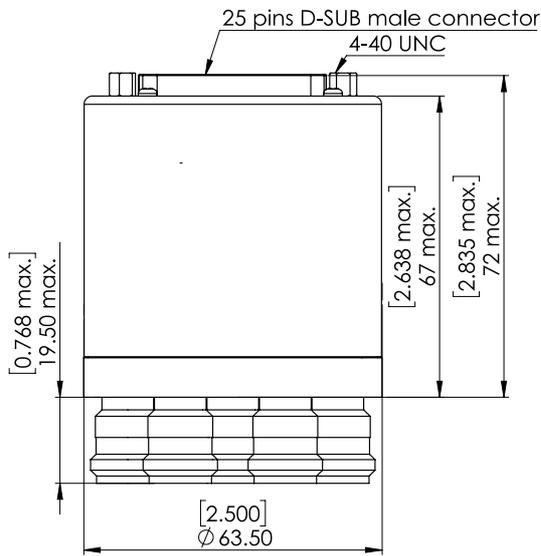
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DRAWING

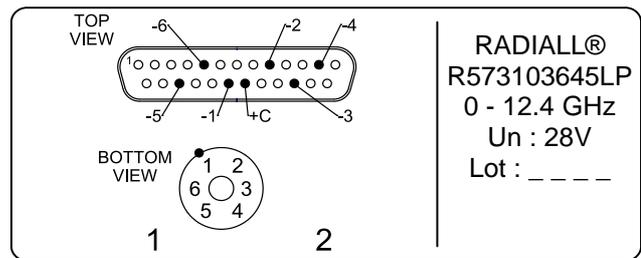


Voltage	RF Continuity
+C -1	IN ↔ 1
+C -2	IN ↔ 2
+C -3	IN ↔ 3
+C -4	IN ↔ 4
+C -5	IN ↔ 5
+C -6	IN ↔ 6



General tolerances : ±0,5 mm [0,02 in]

LABEL



SCHEMATIC DIAGRAM

