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ISSUE 26-10-15

SERIE : SPnT

PART NUMBER : R573123615LP

## 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 <sup>rd</sup> 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 : LATCHING  
Nominal current \*\* : 125 mA / RESET : 750 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 : 2.000.000 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)



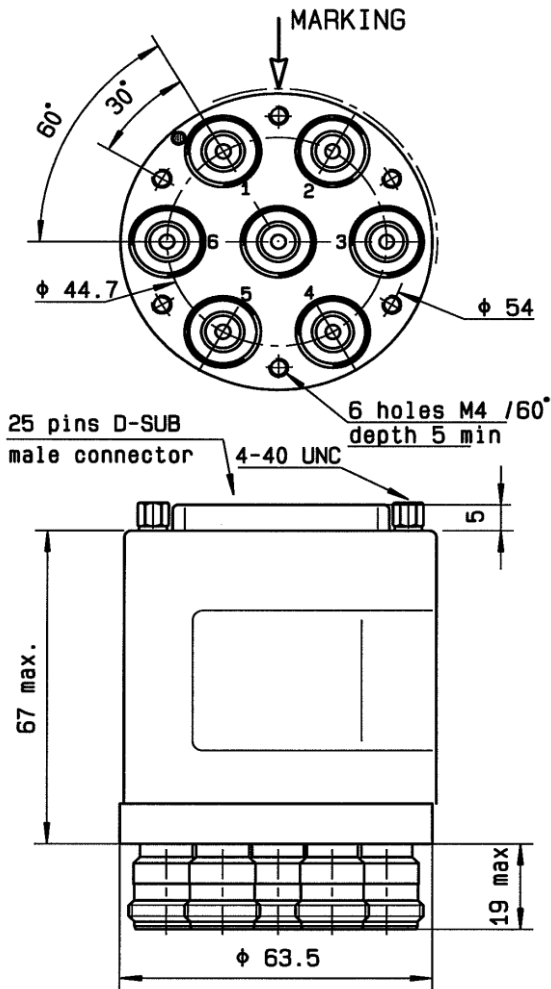
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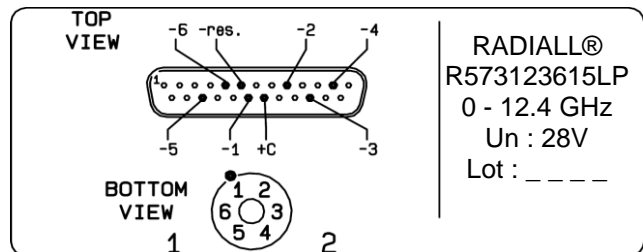
DRAWING



General tolerances :  $\pm 0.5$  mm

Voltage	RF Continuity
+C -RESET	All ports open
+C -1	IN $\leftrightarrow$ 1
+C -2	IN $\leftrightarrow$ 2
+C -3	IN $\leftrightarrow$ 3
+C -4	IN $\leftrightarrow$ 4
+C -5	IN $\leftrightarrow$ 5
+C -6	IN $\leftrightarrow$ 6

LABEL



SCHEMATIC DIAGRAM

