

PAGE **1/2**

ISSUE **28-06-16**

SERIE : **SPnT**

PART NUMBER : **R573103445LP**

RF CHARACTERISTICS

Number of ways : **4**
 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 : **2.000.000 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)



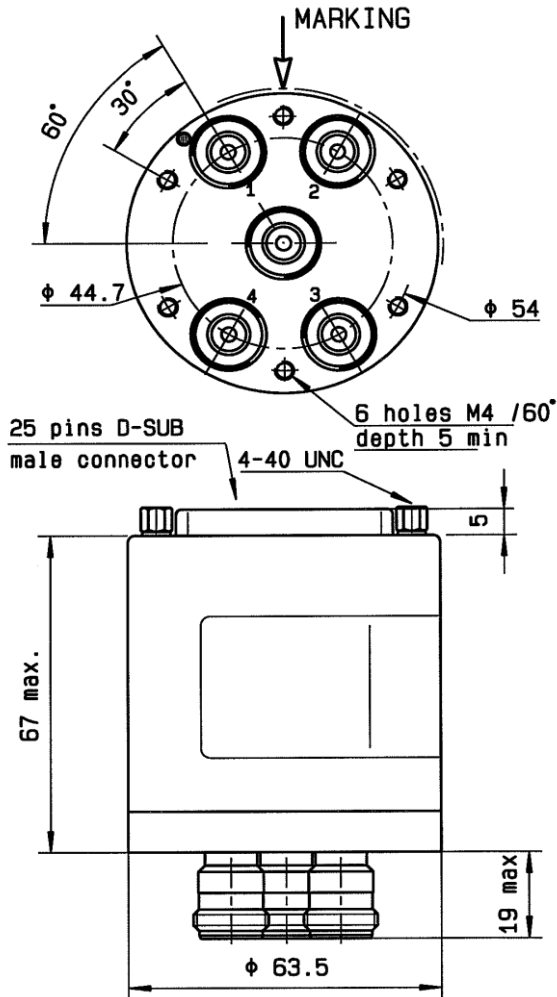
PAGE 2/2

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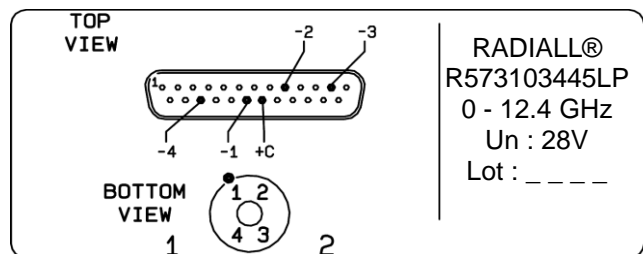
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DRAWING



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

LABEL



General tolerances : ±0.5 mm

SCHEMATIC DIAGRAM

