### **Technical Data Sheet**



SP6T Ramses Low PIM N 12.4GHz Normally open 28Vdc D-sub connector

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#### 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 : NORMALLY OPEN

Nominal current \*\* : 102 mA

Actuator voltage (Vcc) : 28V (24 to 30V) / NEGATIVE 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)

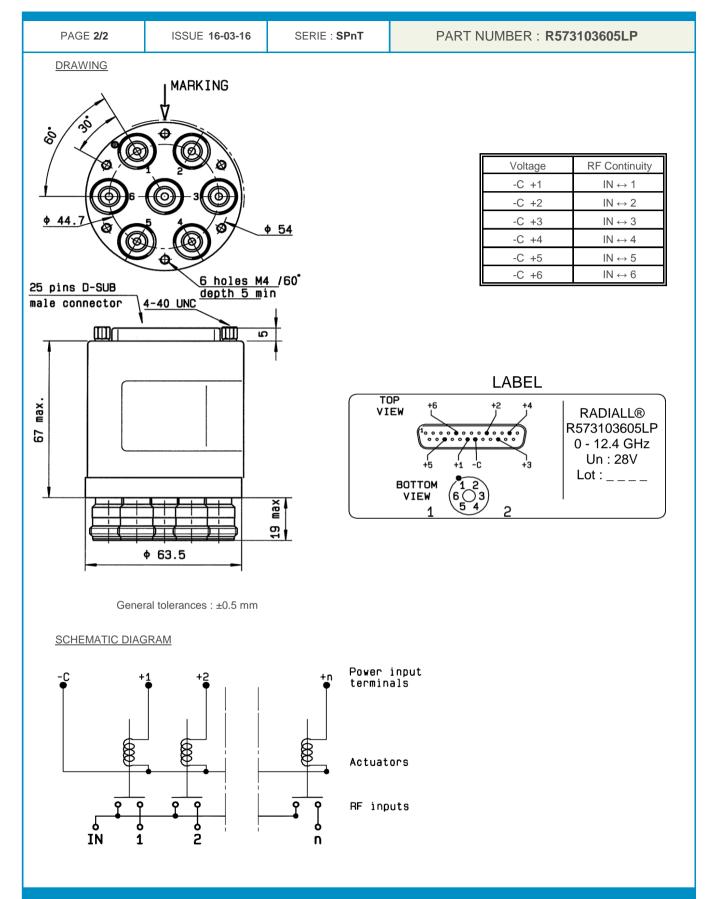


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