# **Technical Data Sheet**



SP6T Ramses N 12.4GHz Normally open 12Vdc D-sub connector

PAGE 1/2 ISSUE 28-06-16 SERIE : SPNT PART NUMBER : R573102605

### 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

## **ELECTRICAL CHARACTERISTICS**

Actuator : NORMALLY OPEN

Nominal current \*\* : 250 mA

Actuator voltage (Vcc) : 12V (10.2 to 13V) / 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 msConstruction : Splashproof
Weight : < 460 g

### **ENVIRONMENTAL CHARACTERISTICS**

Operating temperature range : -40°C to +85°C Storage temperature range : -55°C to +85°C

(\* Average power at 25°C per RF Path)

(\*\* At 25° C ±10%)

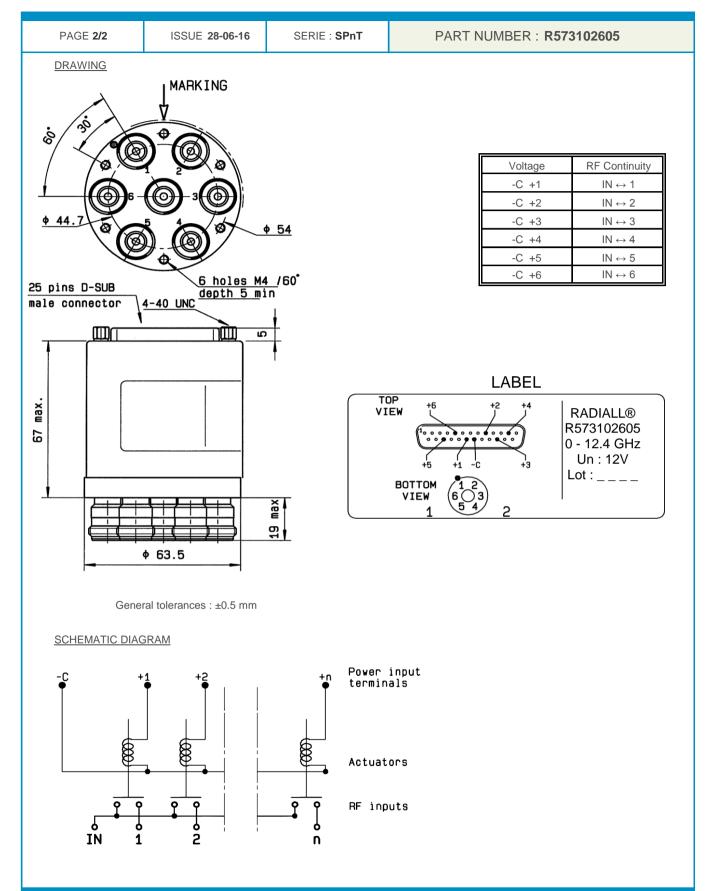
(\*\*\* Nominal voltage; 25° C)



## **Technical Data Sheet**



SP6T Ramses N 12.4GHz Normally open 12Vdc D-sub connector



This document contains proprietary information and such information shall not be disclosed to any third party for any purpose whatsoever or used for manufacturing purposes without prior written agreement from Radiall. The data defined in this document are given as an indication, in the effort to improve our products; we reserve the right to make any changes judged necessary.