Technical Data Sheet



SP4T Terminated Ramses N 12.4GHz Normally open 12Vdc Pins Terminals

PAGE 1/2 | ISSUE 22-03-22 | SERIE : SPNT | PART NUMBER : R574102400

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 |

TERMINATION IMPEDANCE : 50 Ohms

TERM. AVG. POWER AT 25° C : 1 W per termination / 3 W total power

ELECTRICAL CHARACTERISTICS

Actuator : NORMALLY OPEN

Nominal current ** : 250 mA

Actuator voltage (Vcc) : 12V (10.2 to 13V) / NEGATIVE COMMON
Terminals : solder pins (250°C max. / 30 sec.)

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 : -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%)

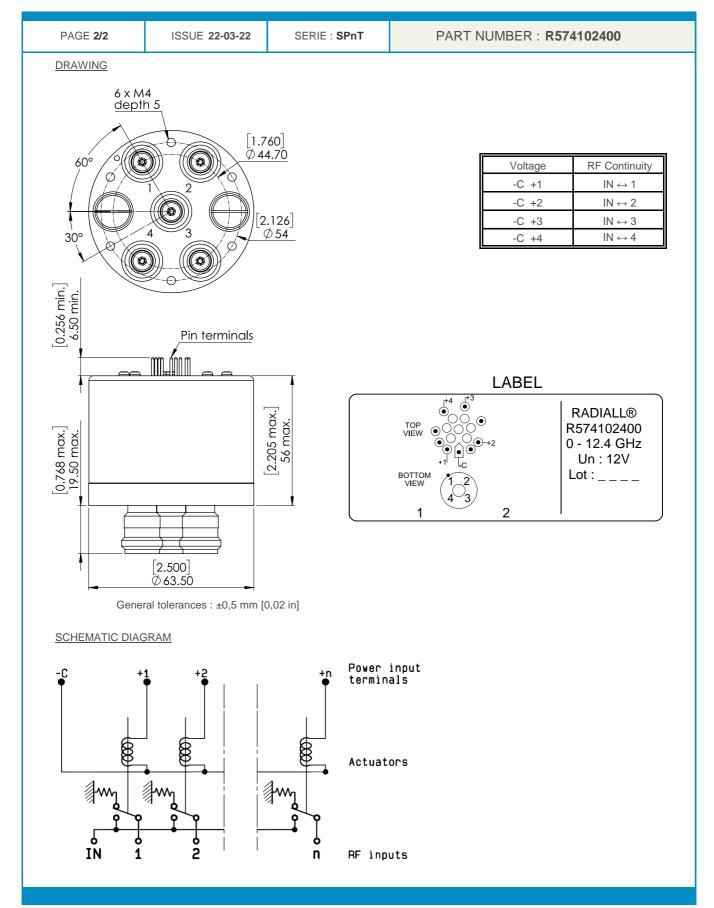
(*** Nominal voltage; 25° C)



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