Technical Data Sheet



SP8T Ramses SMA 26GHz Normaly open 12Vdc TTL Drive D-sub connector

PAGE 1/2 ISSUE 05.06.15 SERIE : SPNT PART NUMBER : R573F02825

RF CHARACTERISTICS

Number of ways : 8

Frequency range : 0 - 26.5 GHz Impedance : 50 Ohms

| Frequency (GHz) | DC - 3 | 3 - 8 | 8 - 12.4 | 12.4 - 16 | 16 - 18 | 18 - 22 | 22 - 26.5 |
|--------------------|---------|---------|----------|-----------|---------|---------|-----------|
| VSWR max | 1.20 | 1.30 | 1.40 | 1.50 | 1.60 | 1.70 | 2.00 |
| Insertion loss max | 0.20 dB | 0.30 dB | 0.40 dB | 0.55 dB | 0.60 dB | 0.70 dB | 1.10 dB |
| Isolation min | 80 dB | 70 dB | 60 dB | 60 dB | 60 dB | 60 dB | 55 dB |
| Average power (*) | 240 W | 150 W | 120 W | 110 W | 100 W | 90 W | 40 W |

ELECTRICAL CHARACTERISTICS

Actuator : NORMALLY OPEN

Nominal current ** : 250 mA

Actuator voltage (Vcc) : 12V (10.2 to 13V)

Terminals : 25 pins D-SUB male connector TTL inputs (E) - High level : 2.2 to 5.5 V / $800\mu A$ at 5.5 V

- Low level : 0 to 0.8 V / 20μA at 0.8 V

MECHANICAL CHARACTERISTICS

Connectors : SMA female per MIL-C 39012 Life : 2.000.000 cycles per position

Switching Time*** : < 15 msConstruction : Splashproof
Weight : < 280 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%)

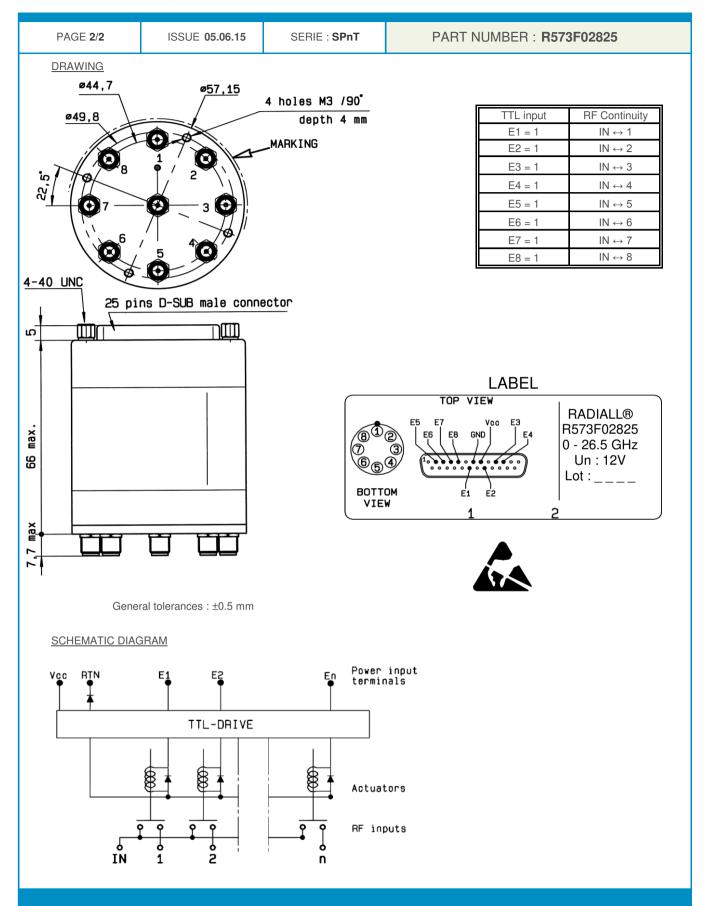
(*** Nominal voltage; 25° C)



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