# **Technical Data Sheet**



SP8T Terminated Ramses SMA 3GHz Normally open 12Vdc D-sub connector

PAGE 1/2 | ISSUE 22-03-22 | SERIE : SPNT | PART NUMBER : R574302805

#### RF CHARACTERISTICS

Number of ways : 8

Frequency range : 0 - 3 GHz Impedance : 50 Ohms

| Frequency (GHz)    | DC - 3  |
|--------------------|---------|
| VSWR max           | 1.20    |
| Insertion loss max | 0.20 dB |
| Isolation min      | 80 dB   |
| Average power (*)  | 240 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 : 25 pins D-SUB male connector

## MECHANICAL CHARACTERISTICS

Connectors : SMA female per MIL-C 39012
Life : 2 million 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)



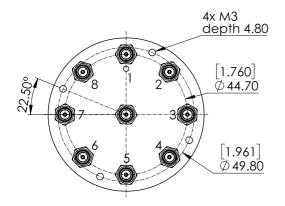
# **Technical Data Sheet**



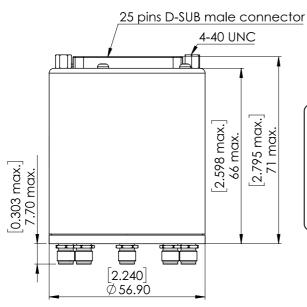
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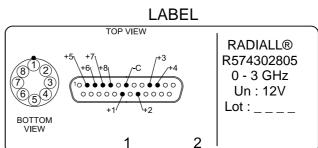
PAGE 2/2 ISSUE 22-03-22 SERIE : SPnT PART NUMBER : R574302805

#### **DRAWING**



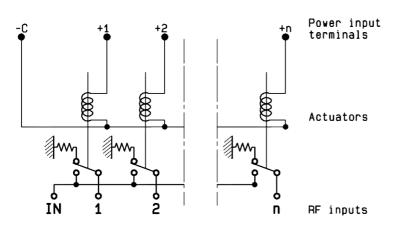
| 37.16   | DE 0 :: ::             |
|---------|------------------------|
| Voltage | RF Continuity          |
| -C +1   | $IN \leftrightarrow 1$ |
| -C +2   | $IN \leftrightarrow 2$ |
| -C +3   | $IN \leftrightarrow 3$ |
| -C +4   | $IN \leftrightarrow 4$ |
| -C +5   | IN ↔ 5                 |
| -C +6   | $IN \leftrightarrow 6$ |
| -C +7   | $IN \leftrightarrow 7$ |
| -C +8   | $IN \leftrightarrow 8$ |





General tolerances: ±0,5 mm [0,02 in]

# SCHEMATIC DIAGRAM



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