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ISSUE 22-03-22

SERIE : SPnT

PART NUMBER : R574403845

RF CHARACTERISTICS

Number of ways : **8**
 Frequency range : **0 - 18 GHz**
 Impedance : **50 Ohms**

| Frequency (GHz) | DC - 3 | 3 - 8 | 8 - 12.4 | 12.4 - 16 | 16 - 18 |
|--------------------|----------------|----------------|----------------|----------------|----------------|
| VSWR max | 1,20 | 1,30 | 1,40 | 1,50 | 1,60 |
| Insertion loss max | 0.20 dB | 0.30 dB | 0.40 dB | 0.55 dB | 0.60 dB |
| Isolation min | 80 dB | 70 dB | 60 dB | 60 dB | 60 dB |
| Average power (*) | 240 W | 150 W | 120 W | 110 W | 100 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 ** : **102 mA**
 Actuator voltage (Vcc) : **28V (24 to 30V) / POSITIVE 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 ms**
 Construction : **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)



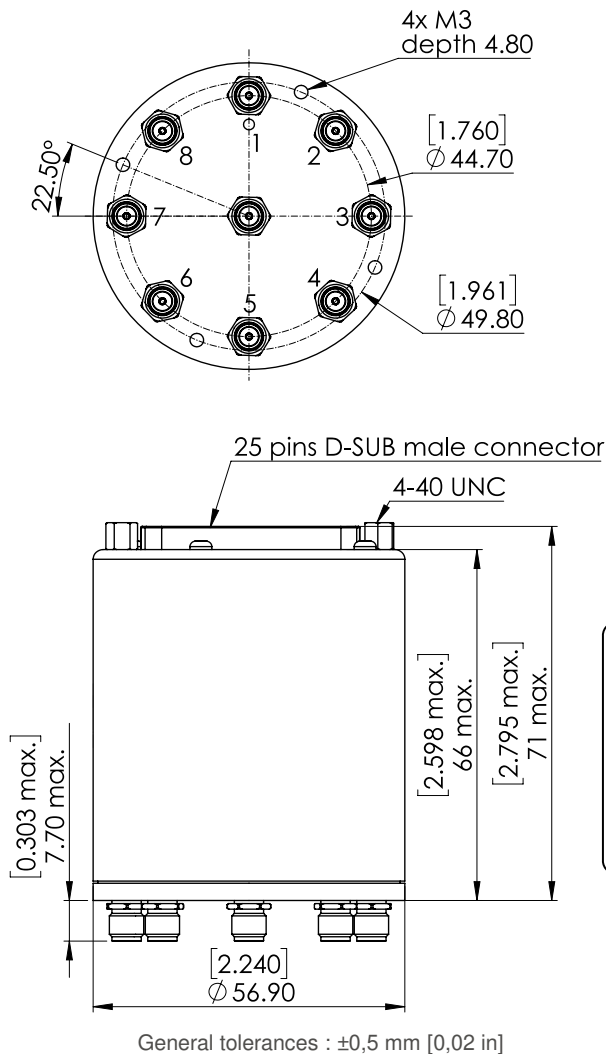
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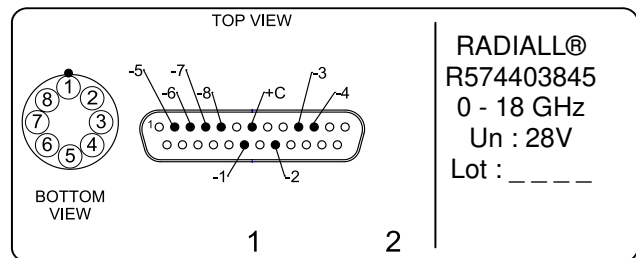
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DRAWING



| 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 \leftrightarrow 5 |
| +C -6 | IN \leftrightarrow 6 |
| +C -7 | IN \leftrightarrow 7 |
| +C -8 | IN \leftrightarrow 8 |

LABEL



SCHEMATIC DIAGRAM

