## **Technical Data Sheet**



SP8T Terminated Ramses SMA 3GHz Normally open Indicators 28Vdc

Pins Terminals

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#### 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 \*\* : 102 mA

Actuator voltage (Vcc) : 28V (24 to 30V) / NEGATIVE COMMON
Terminals : solder pins (250°C max. / 30 sec.)

Indicator rating : 1 W / 30 V / 100 mA

### 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)



# **Technical Data Sheet**

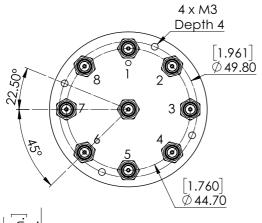


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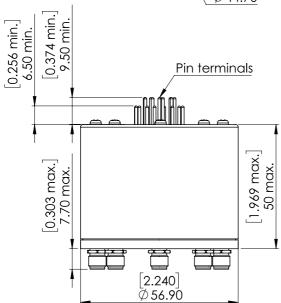
Pins Terminals

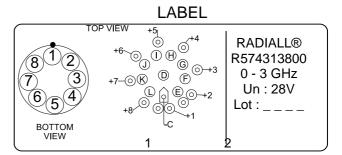
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#### **DRAWING**



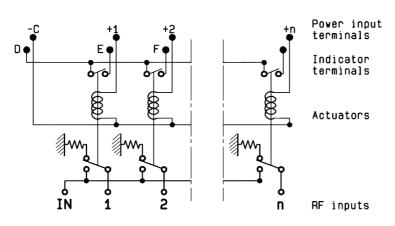
| Voltage | RF Continuity          | Ind. |
|---------|------------------------|------|
| -C +1   | IN ↔ 1                 | D.E  |
| -C +2   | $IN \leftrightarrow 2$ | D.F  |
| -C +3   | $IN \leftrightarrow 3$ | D.G  |
| -C +4   | $IN \leftrightarrow 4$ | D.H  |
| -C +5   | $IN \leftrightarrow 5$ | D.I  |
| -C +6   | IN ↔ 6                 | D.J  |
| -C +7   | $IN \leftrightarrow 7$ | D.K  |
| -C +8   | IN ↔ 8                 | D.L  |





General tolerances: ±0,5 mm [0,02 in]

## SCHEMATIC DIAGRAM



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