Technical Data Sheet



SP5T Terminated Ramses SMA 3GHz Normally open Indicators 28Vdc Diodes D-sub connector

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RF CHARACTERISTICS

Number of ways : 5

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 : 25 pins D-SUB male connector

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 msConstruction : Splashproof
Weight : < 250 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)



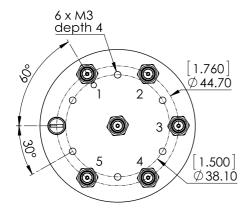




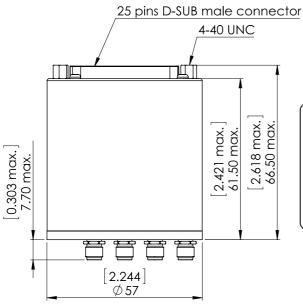
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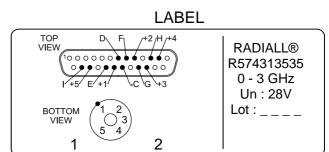
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DRAWING



| Voltage | RF Continuity | Ind. |
|---------|------------------------|------|
| -C +1 | $IN \leftrightarrow 1$ | 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 |

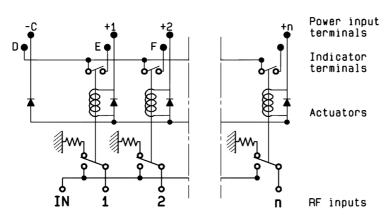






General tolerances : ±0,5 mm [0,02 in]

SCHEMATIC DIAGRAM



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