Technical Data Sheet



DPDT Ramses BNC 3GHz Latching Indicators 28Vdc D-sub connector with bracket

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RF CHARACTERISTICS

Frequency range : 0 - 3 GHz Impedance : 50 Ohms

| Frequency (GHz) | DC - 1 | 1 - 2 | 2 - 3 |
|--------------------|---------|---------|---------|
| VSWR max | 1.15 | 1.20 | 1.25 |
| Insertion loss max | 0.15 dB | 0.20 dB | 0.25 dB |
| Isolation min | 85 dB | 80 dB | 75 dB |
| Average power (*) | 400 W | 300 W | 240 W |

ELECTRICAL CHARACTERISTICS

Actuator : LATCHING
Nominal current ** : 125 mA

Actuator voltage (Vcc) : 28V (24 to 30V) / NEGATIVE COMMON

Terminals : 9 pins D-SUB male connector

Indicator rating : 1 W / 30 V / 100 mA

MECHANICAL CHARACTERISTICS

Connectors : BNC female per MIL-C 39012

Life : 2.5 million cycles

Switching Time*** : < 15 msConstruction : Splashproof
Weight : < 215 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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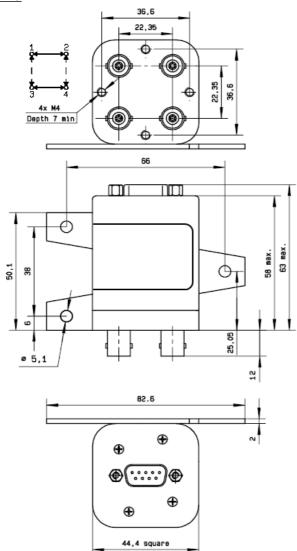
Technical Data Sheet



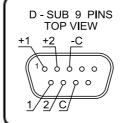
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DRAWING



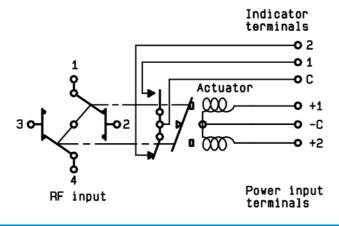
LABEL



RADIALL® R577243005 0 - 3 GHz Un : 28V Lot : _____

General tolerances: ±0,5 mm [0,02 in]

SCHEMATIC DIAGRAM



| Voltage | RF Continuity | Ind. |
|---------|---|------|
| -C +1 | $1 \leftrightarrow 3 / 2 \leftrightarrow 4$ | C.1 |
| -C +2 | $1 \leftrightarrow 2 / 3 \leftrightarrow 4$ | C.2 |

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