Technical Data Sheet

DPDT Ramses TNC 3GHz Latching 12Vdc Pins Terminals 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 (*)	**700 W**	**500 W**	**400 W**

ELECTRICAL CHARACTERISTICS

Actuator : **LATCHING**
Nominal current ** : **320 mA**
Actuator voltage (Vcc) : **12V (10.2 to 13V) / NEGATIVE COMMON**
Terminals : **solder pins (250°C max. / 30 sec.)**

MECHANICAL CHARACTERISTICS

Connectors : **TNC female per MIL-C 39012**
Life : **2.5 million cycles**
Switching Time*** : **< 15 ms**
Construction : **Splashproof**
Weight : **< 215 g**

ENVIRONMENTAL CHARACTERISTICS

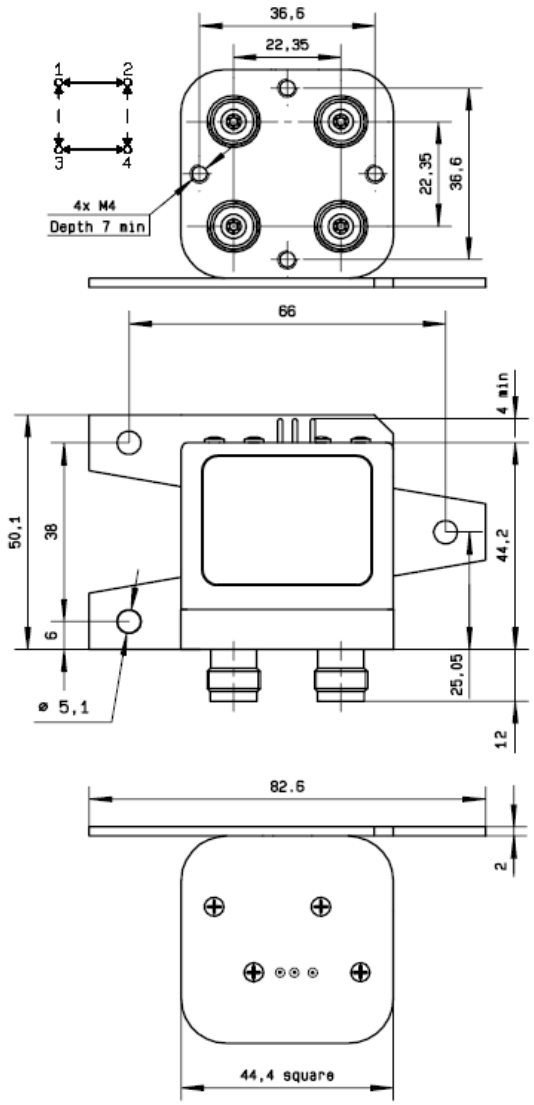
Operating temperature range : **-40°C to +85°C**
Storage temperature range : **-55°C to +85°C**

(* Average power at 25°C per RF Path)
(** At 25° C ±10%)
(*** Nominal voltage ; 25° C)

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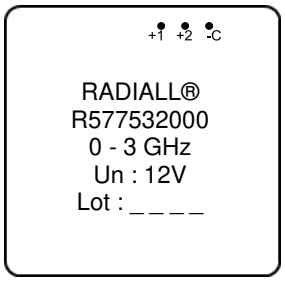
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DRAWING

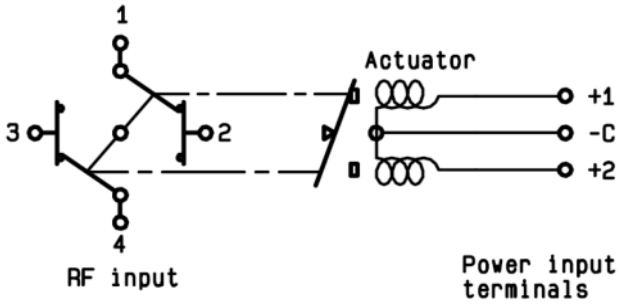


General tolerances : ±0,5 mm [0,02 in]

LABEL



SCHEMATIC DIAGRAM



Voltage	RF Continuity
-C +1	1 ↔ 3 / 2 ↔ 4
-C +2	1 ↔ 2 / 3 ↔ 4

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