

## RF CHARACTERISTICS

Frequency range : **0 - 3 GHz**  
Impedance : **50 Ohms**

Frequency (GHz)	DC - 1	1 - 2	2 - 3
VSWR max	<b>1.15</b>	<b>1.20</b>	<b>1.25</b>
Insertion loss max	<b>0.15 dB</b>	<b>0.20 dB</b>	<b>0.25 dB</b>
Isolation min	<b>85 dB</b>	<b>80 dB</b>	<b>75 dB</b>
Average power (*)	<b>700 W</b>	<b>500 W</b>	<b>400 W</b>

## ELECTRICAL CHARACTERISTICS

Actuator : **LATCHING**  
Nominal current \*\* : **125 mA**  
Actuator voltage (Vcc) : **28V (24 to 30V) / POSITIVE 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**

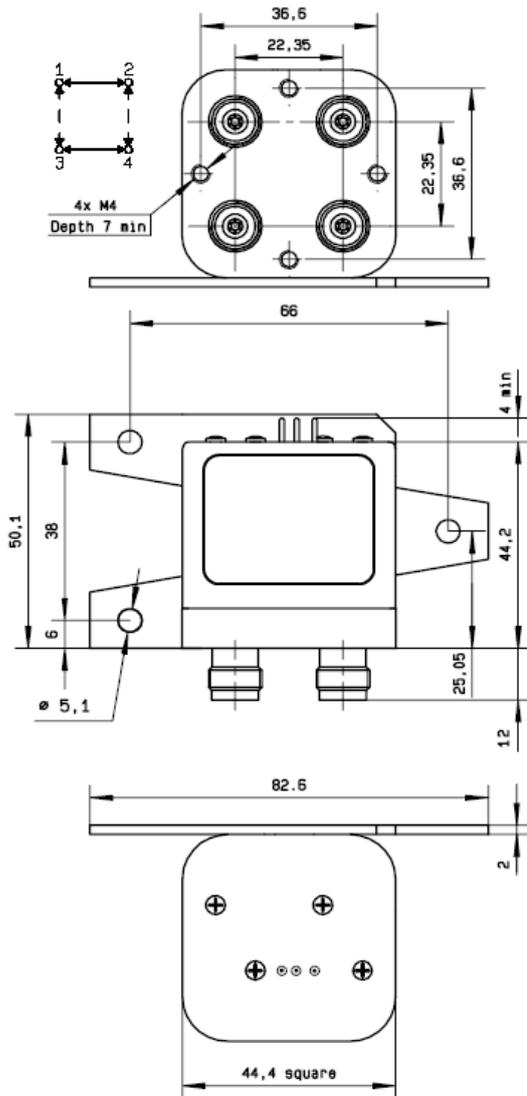
(\* Average power at 25°C per RF Path)

(\*\* At 25° C ±10%)

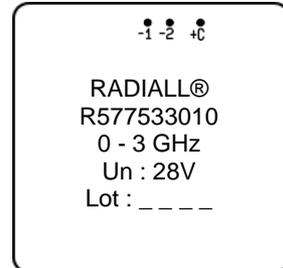
(\*\*\* Nominal voltage ; 25° C)



DRAWING

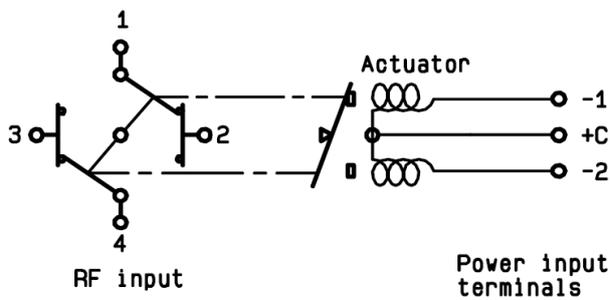


**LABEL**



General tolerances : ±0.5 mm

SCHEMATIC DIAGRAM



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