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ISSUE 22-03-22

SERIE : SPDT

PART NUMBER : R570262000

## 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>400 W</b>	<b>300 W</b>	<b>240 W</b>

## 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.)**  
Indicator rating : **1 W / 30 V / 100 mA**  
Self cut-off time : **40 ms < CT < 120 ms**

## MECHANICAL CHARACTERISTICS

Connectors : **BNC female per MIL-C 39012**  
Life : **2.5 million cycles**  
Switching Time\*\*\* : **< 15 ms**  
Construction : **Splashproof**  
Weight : **< 185 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)



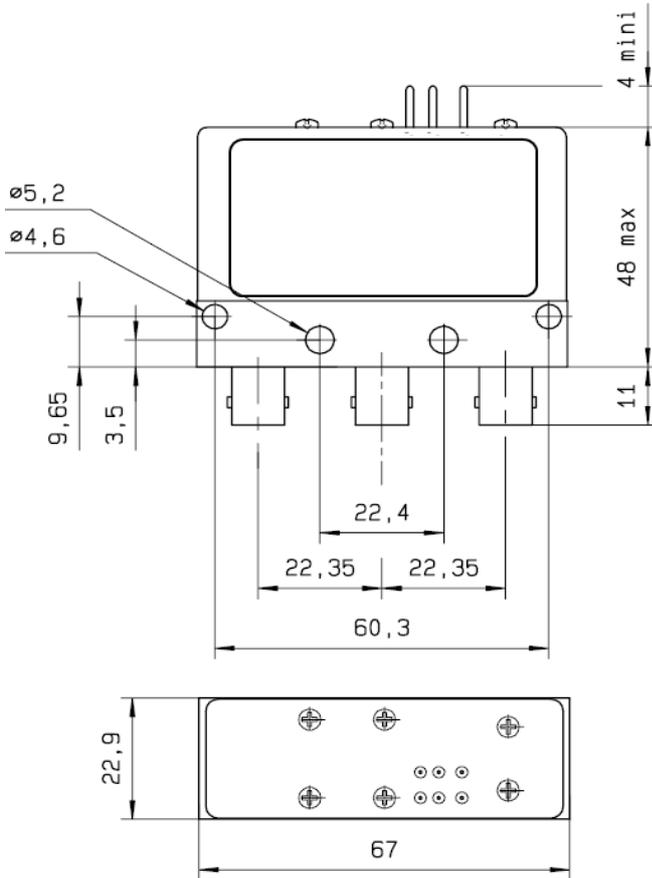
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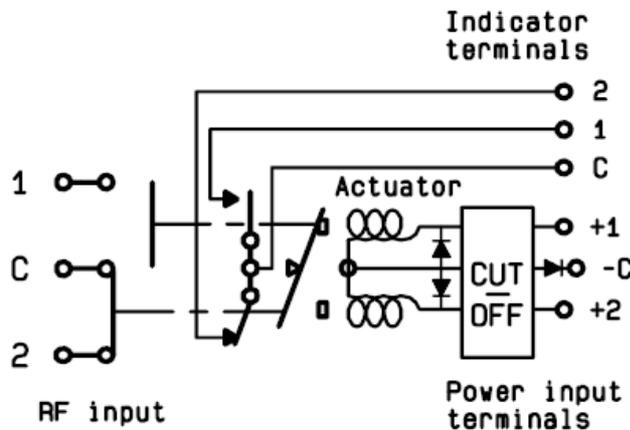
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DRAWING

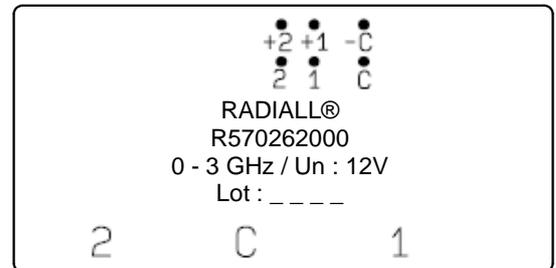


General tolerances : ±0,5 mm [0,02 in]

SCHEMATIC DIAGRAM



**LABEL**



Voltage	RF Continuity	Ind.
-C +1	C ↔ 1	C.1
-C +2	C ↔ 2	C.2