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ISSUE **09-03-21**

SERIE : **SPnT**

PART NUMBER : **R573612610**

## RF CHARACTERISTICS

Number of ways : **6**  
Frequency range : **0 - 12.4 GHz**  
Impedance : **50 Ohms**

Frequency (GHz)	DC - 3	3 - 8	8 - 12.4
VSWR max	<b>1.20</b>	<b>1.35</b>	<b>1.50</b>
Insertion loss max	<b>0.20 dB</b>	<b>0.35 dB</b>	<b>0.50 dB</b>
Isolation min	<b>80 dB</b>	<b>70 dB</b>	<b>60 dB</b>
Average power (*)	<b>400 W</b>	<b>250 W</b>	<b>200 W</b>

## ELECTRICAL CHARACTERISTICS

Actuator : **NORMALLY OPEN**  
Nominal current \*\* : **250 mA**  
Actuator voltage (Vcc) : **12V (10.2 to 13V) / POSITIVE COMMON**  
Terminals : **solder pins (250°C max. / 30 sec.)**  
Indicator rating : **1 W / 30 V / 100 mA**

## MECHANICAL CHARACTERISTICS

Connectors : **TNC female per MIL-C 39012**  
Life : **2 million cycles per position**  
Switching Time\*\*\* : **< 15 ms**  
Construction : **Splashproof**  
Weight : **< 460 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)



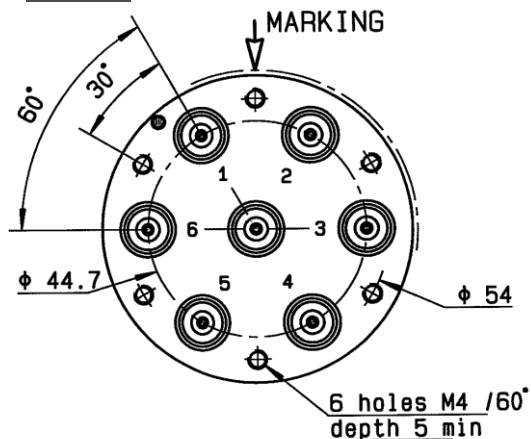
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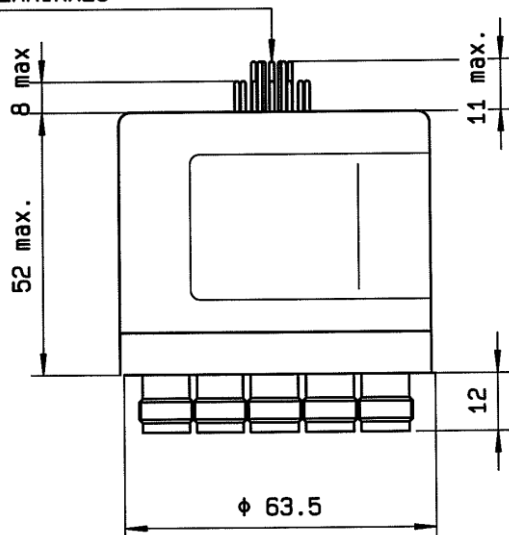
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DRAWING



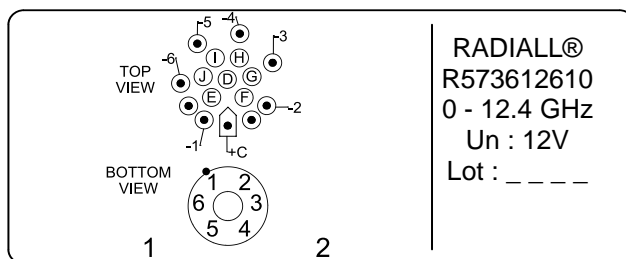
Voltage	RF Continuity	Ind.
+C -1	IN ↔ 1	D.E
+C -2	IN ↔ 2	D.F
+C -3	IN ↔ 3	D.G
+C -4	IN ↔ 4	D.H
+C -5	IN ↔ 5	D.I
+C -6	IN ↔ 6	D.J

TERMINALS



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

LABEL



SCHEMATIC DIAGRAM

