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ISSUE 22-03-22

SERIE : SPnT

PART NUMBER : R573E22600

## RF CHARACTERISTICS

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

Frequency (GHz)	DC - 3	3 - 6
VSWR max	<b>1.20</b>	<b>1.30</b>
Insertion loss max	<b>0.20 dB</b>	<b>0.30 dB</b>
Isolation min	<b>80 dB</b>	<b>70 dB</b>
Average power (*)	<b>240 W</b>	<b>170 W</b>

## ELECTRICAL CHARACTERISTICS

Actuator : **LATCHING**  
 Nominal current \*\* : **320 mA / RESET : 1920 mA \*\*\*\***  
 Actuator voltage (Vcc) : **12V (10.2 to 13V) / NEGATIVE COMMON**  
 Terminals : **solder pins (250°C max. / 30 sec.)**

## MECHANICAL CHARACTERISTICS

Connectors : **QMA female per MIL-C 39012**  
 Life : **5 million cycles per position**  
 Switching Time\*\*\* : **< 15 ms**  
 Construction : **Splashproof**  
 Weight : **< 180 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)

(\*\*\*\* Reset : supply voltage time 1sec. max. / duty cycle 10%)



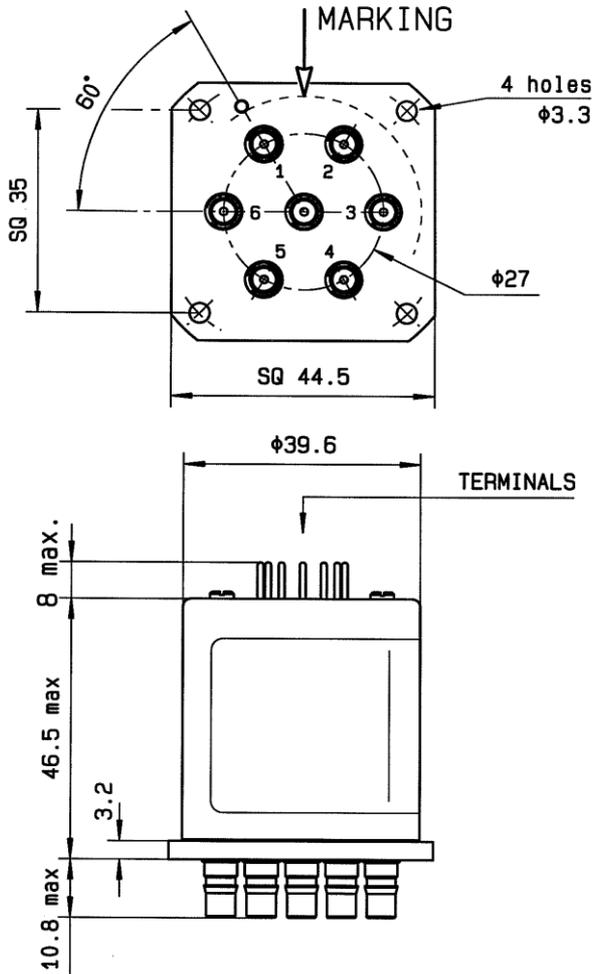
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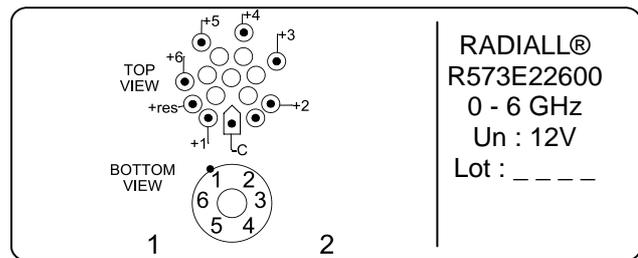
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DRAWING



Voltage	RF Continuity
-C +RESET	All ports open
-C +1	IN $\leftrightarrow$ 1
-C +2	IN $\leftrightarrow$ 2
-C +3	IN $\leftrightarrow$ 3
-C +4	IN $\leftrightarrow$ 4
-C +5	IN $\leftrightarrow$ 5
-C +6	IN $\leftrightarrow$ 6

LABEL



General tolerances :  $\pm$ 0,5 mm [0,02 in]

SCHEMATIC DIAGRAM

