

PAGE 1/2

ISSUE 16-04-20

SERIE : SPnT

PART NUMBER : R573E22320

RF CHARACTERISTICS

Number of ways : **3**  
 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 : 960 mA \*\*\*\***  
 Actuator voltage (Vcc) : **12V (10.2 to 13V)**  
 Terminals : **solder pins (250°C max. / 30 sec.)**  
 TTL inputs (E) - High level : **2.2 to 5.5 V / 800µA at 5.5 V**  
 - Low level : **0 to 0.8 V / 20µA at 0.8 V**

MECHANICAL CHARACTERISTICS

Connectors : **QMA female per MIL-C 39012**  
 Life : **5 million cycles per position**  
 Switching Time\*\*\* : **< 15 ms**  
 Construction : **Splashproof**  
 Weight : **< 220 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%)



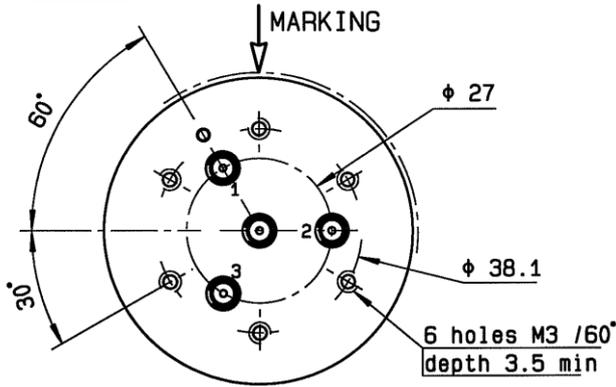
PAGE 2/2

ISSUE 16-04-20

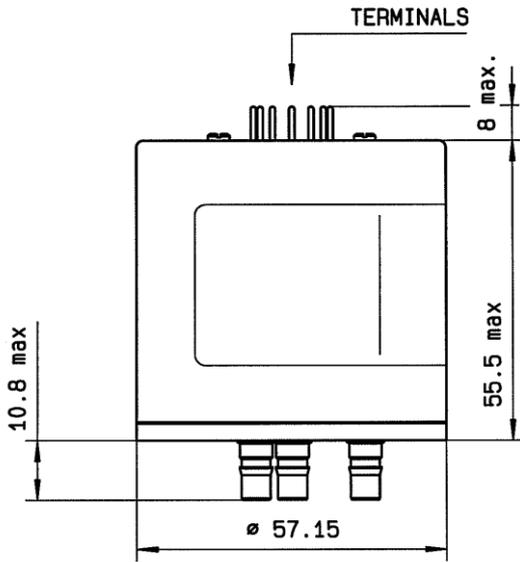
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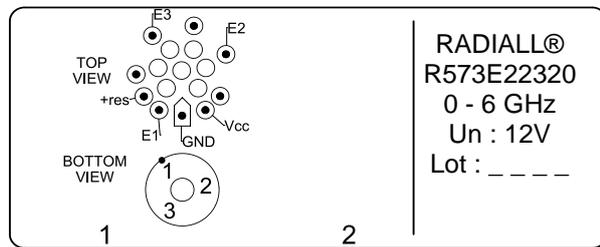
DRAWING



TTL input	RF Continuity
RESET = 1	All ports open
E1 = 1	IN ↔ 1
E2 = 1	IN ↔ 2
E3 = 1	IN ↔ 3



LABEL



RADIALL®  
R573E22320  
0 - 6 GHz  
Un : 12V  
Lot : \_ \_ \_ \_

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

SCHEMATIC DIAGRAM

