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ISSUE 22-03-22

SERIE : SPnT

PART NUMBER : R574382020

## RF CHARACTERISTICS

Number of ways : **10**  
 Frequency range : **0 - 3 GHz**  
 Impedance : **50 Ohms**

Frequency (GHz)	DC - 3
VSWR max	<b>1,20</b>
Insertion loss max	<b>0.20 dB</b>
Isolation min	<b>80 dB</b>
Average power (*)	<b>240 W</b>

TERMINATION IMPEDANCE : **50 Ohms**  
 TERM. AVG. POWER AT 25° C : **1 W per termination / 3 W total power**

## ELECTRICAL CHARACTERISTICS

Actuator : **LATCHING**  
 Nominal current \*\* : **1280 mA**  
 Actuator voltage (Vcc) : **12V (10.2 to 13V)**  
 Terminals : **solder pins (250°C max. / 30 sec.)**  
 Self cut-off time : **40 ms < CT < 120 ms**  
 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 : **SMA female per MIL-C 39012**  
 Life : **2 million cycles per position**  
 Switching Time\*\*\* : **< 50 ms**  
 Construction : **Splashproof**  
 Weight : **< 360 g**

## ENVIRONMENTAL CHARACTERISTICS

Operating temperature range : **-40°C to +85°C**  
 Storage temperature range : **-55°C to +85°C**

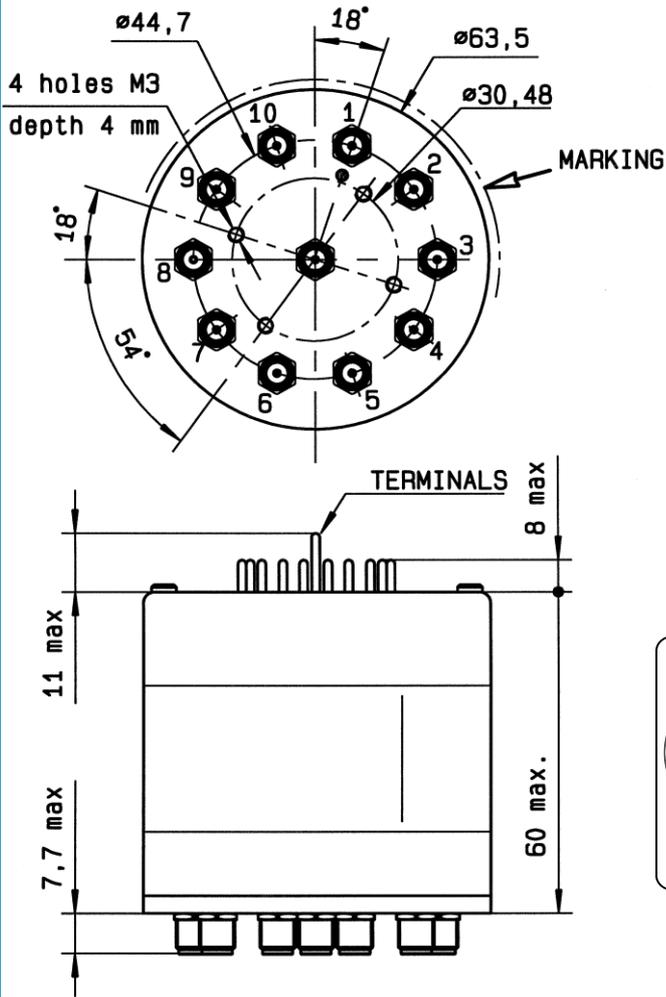
(\* Average power at 25°C per RF Path)

(\*\* At 25° C ±10%)

(\*\*\* Nominal voltage ; 25° C)

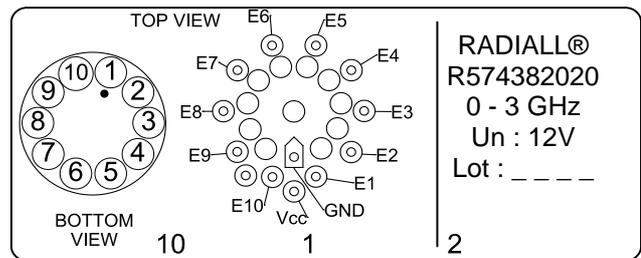


DRAWING



TTL input	RF Continuity
E1 = 1	IN ↔ 1
E2 = 1	IN ↔ 2
E3 = 1	IN ↔ 3
E4 = 1	IN ↔ 4
E5 = 1	IN ↔ 5
E6 = 1	IN ↔ 6
E7 = 1	IN ↔ 7
E8 = 1	IN ↔ 8
E9 = 1	IN ↔ 9
E10 = 1	IN ↔ 10

LABEL



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

SCHEMATIC DIAGRAM

