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ISSUE 22-03-22

SERIE : SPnT

PART NUMBER : R573383420

## RF CHARACTERISTICS

Number of ways : 4  
Frequency range : 0 - 3 GHz  
Impedance : 50 Ohms

Frequency (GHz)	DC - 3
VSWR max	1.20
Insertion loss max	0.20 dB
Isolation min	80 dB
Average power (*)	240 W

## ELECTRICAL CHARACTERISTICS

Actuator : LATCHING  
Nominal current \*\* : 250 mA  
Actuator voltage (Vcc) : 28V (24 to 30V)  
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 : 5 million cycles per position  
Switching Time\*\*\* : < 40 ms  
Construction : Splashproof  
Weight : < 220 g

## ENVIRONMENTAL CHARACTERISTICS

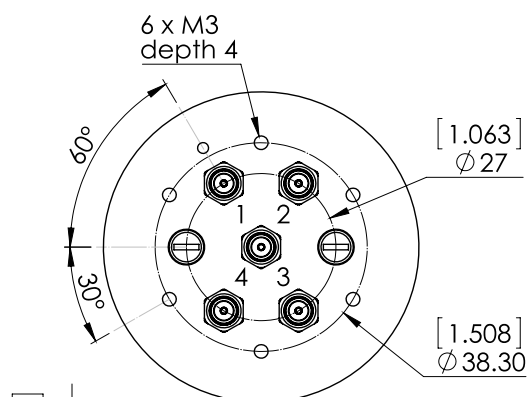
Operating temperature range : -40°C to +85°C  
Storage temperature range : -55°C to +85°C

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

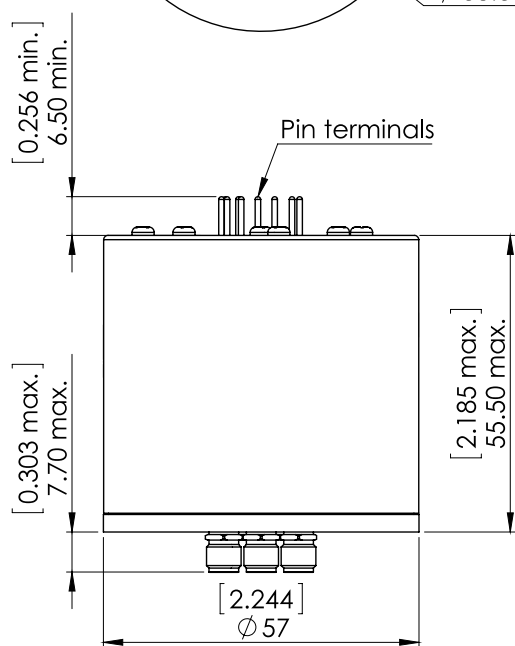
(\*\* At 25° C ±10%)

(\*\*\* Nominal voltage ; 25° C)



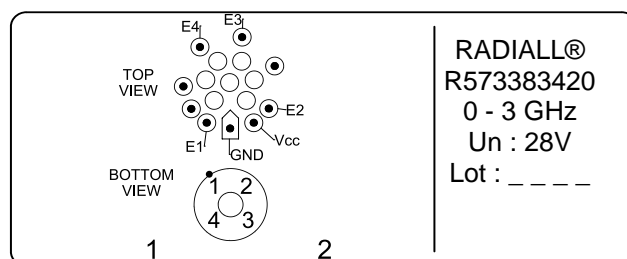
DRAWING

TTL input	RF Continuity
E1 = 1	IN $\leftrightarrow$ 1
E2 = 1	IN $\leftrightarrow$ 2
E3 = 1	IN $\leftrightarrow$ 3
E4 = 1	IN $\leftrightarrow$ 4



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

LABEL



### SCHEMATIC DIAGRAM

