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ISSUE 10-04-25

SERIE : SPnT

PART NUMBER : R574802400

RF CHARACTERISTICS

Number of ways : 4  
Frequency range : 0 - 40 GHz  
Impedance : 50 Ohms

Frequency (GHz)	DC - 6	6 - 12.4	12.4 - 18	18 - 26.5	26.5 - 40
VSWR max	1.30	1.40	1.50	1.70	1.95
Insertion loss max	0.20 dB	0.40 dB	0.50 dB	0.70 dB	1.00 dB
Isolation min	80 dB	70 dB	70 dB	60 dB	55 dB
Average power (*)	40 W	30 W	25 W	15 W	5 W

TERMINATION IMPEDANCE : 50 Ohms

TERM. AVG. POWER AT 25° C : 1 W per termination / 3 W total power

ELECTRICAL CHARACTERISTICS

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

MECHANICAL CHARACTERISTICS

Connectors : SMA 2.9 female per MIL-C 39012  
Life : 7 million cycles per position  
Switching Time\*\*\* : < 15 ms  
Construction : Splashproof  
Weight : < 250 g

ENVIRONMENTAL CHARACTERISTICS

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

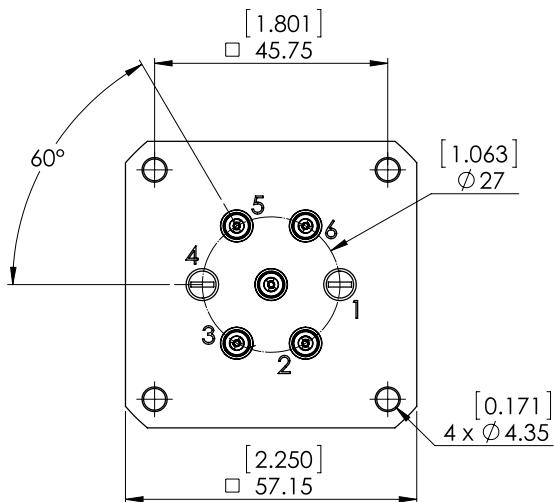
(\*) Average power at 25°C per RF Path)

(\*\*) At 25° C ±10%)

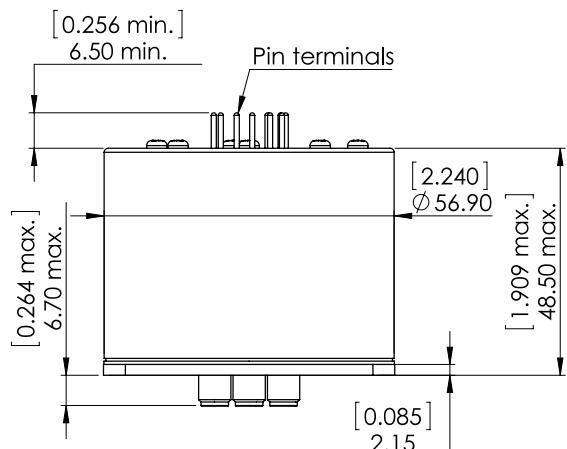
(\*\*\*) Nominal voltage ; 25° C)



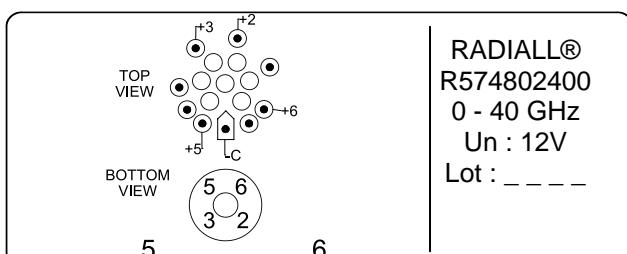
## DRAWING



Voltage	RF Continuity
-C +2	IN ↔ 2
-C +3	IN ↔ 3
-C +5	IN ↔ 5
-C +6	IN ↔ 6



## LABEL



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

## SCHEMATIC DIAGRAM

