

PAGE 1/2

ISSUE 16-04-20

SERIE : SPnT

PART NUMBER : R574833335

## RF CHARACTERISTICS

Number of ways : 3  
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	2.20
Insertion loss max	0.20 dB	0.40 dB	0.50 dB	0.70 dB	1.10 dB
Isolation min	70 dB	60 dB	60 dB	55 dB	50 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 : LATCHING  
Nominal current \*\* : 125 mA / RESET : 375 mA \*\*\*\*  
Actuator voltage (Vcc) : 28V (24 to 30V) / NEGATIVE COMMON  
Terminals : 25 pins D-SUB male connector  
Indicator rating : 1 W / 30 V / 100 mA

## MECHANICAL CHARACTERISTICS

Connectors : SMA 2.9 female per MIL-C 39012  
Life : 2 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)  
(\*\*\*\* Reset : supply voltage time 1sec. max. / duty cycle 10%)



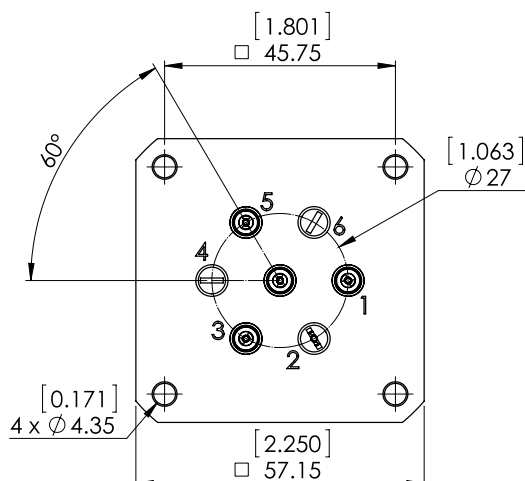
PAGE 2/2

ISSUE 16-04-20

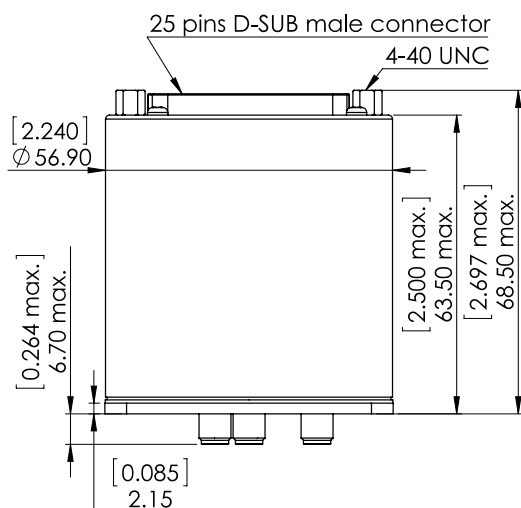
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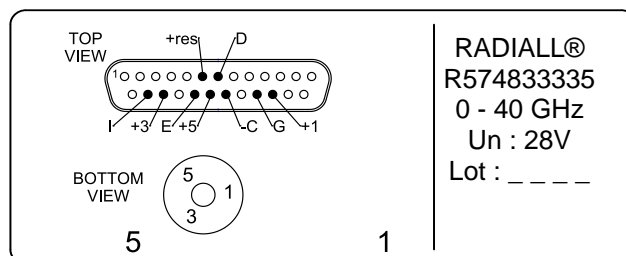
DRAWING



Voltage	RF Continuity	Ind.
-C +RESET	All ports open	- -
-C +1	IN ↔ 1	D.G
-C +3	IN ↔ 3	D.I
-C +5	IN ↔ 5	D.E



**LABEL**



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

SCHEMATIC DIAGRAM

