

PAGE **1/2**

ISSUE **10-04-25**

SERIE : **SPnT**

PART NUMBER : **R574893600**

## RF CHARACTERISTICS

Number of ways : **6**  
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	<b>1.30</b>	<b>1.40</b>	<b>1.50</b>	<b>1.70</b>	<b>1.95</b>
Insertion loss max	<b>0.20 dB</b>	<b>0.40 dB</b>	<b>0.50 dB</b>	<b>0.70 dB</b>	<b>1.00 dB</b>
Isolation min	<b>80 dB</b>	<b>70 dB</b>	<b>70 dB</b>	<b>60 dB</b>	<b>55 dB</b>
Average power (*)	<b>40 W</b>	<b>30 W</b>	<b>25 W</b>	<b>15 W</b>	<b>5 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 \*\* : **375 mA**  
Actuator voltage (Vcc) : **28V (24 to 30V) / NEGATIVE COMMON**  
Terminals : **solder pins (250°C max. / 30 sec.)**  
Indicator rating : **1 W / 30 V / 100 mA**  
Self cut-off time : **40 ms < CT < 120 ms**

## MECHANICAL CHARACTERISTICS

Connectors : **SMA 2.9 female per MIL-C 39012**  
Life : **7 million cycles per position**  
Switching Time\*\*\* : **< 40 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)



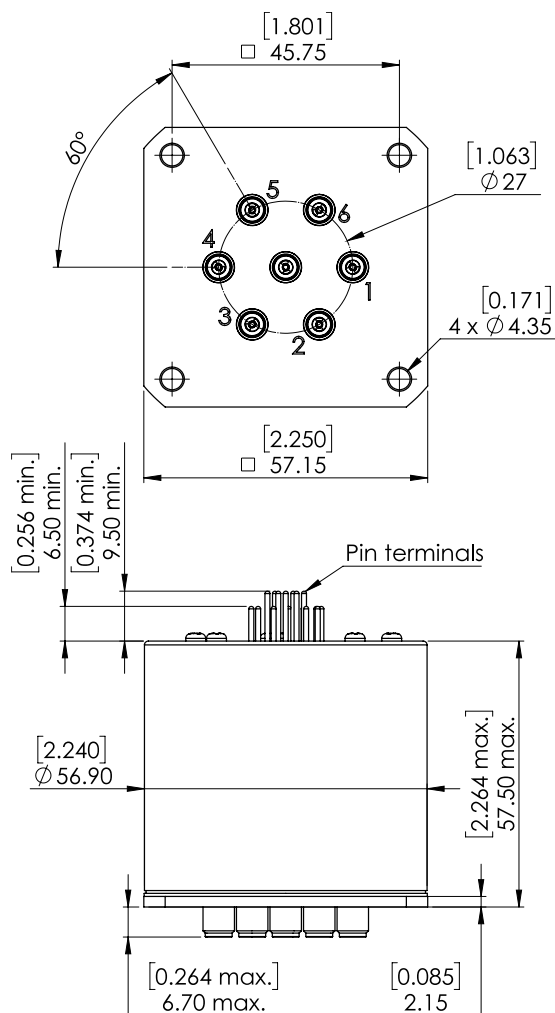
PAGE 2/2

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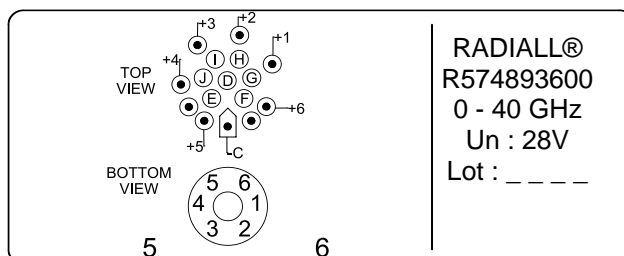
DRAWING



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

Voltage	RF Continuity	Ind.
-C +1	IN ↔ 1	D.G
-C +2	IN ↔ 2	D.H
-C +3	IN ↔ 3	D.I
-C +4	IN ↔ 4	D.J
-C +5	IN ↔ 5	D.E
-C +6	IN ↔ 6	D.F

**LABEL**



SCHEMATIC DIAGRAM

