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ISSUE **10-04-25**

SERIE : **SPnT**

PART NUMBER : **R573822400**

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

ELECTRICAL CHARACTERISTICS

Actuator : **LATCHING**
 Nominal current ** : **320 mA / RESET : 1280 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 : **< 180 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%)



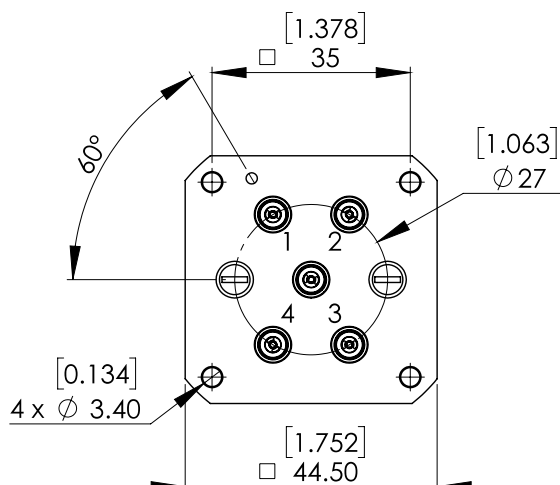
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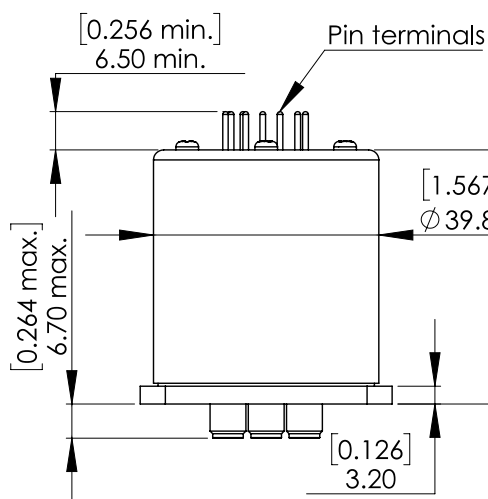
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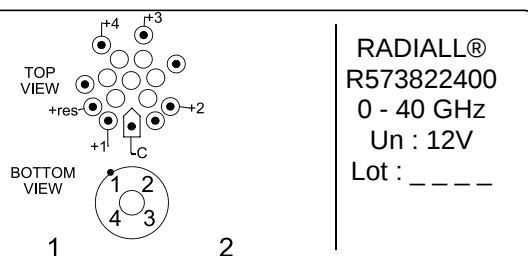
DRAWING



Voltage	RF Continuity
-C +RESET	All ports open
-C +1	IN $\leftrightarrow$ 1
-C +2	IN $\leftrightarrow$ 2
-C +3	IN $\leftrightarrow$ 3
-C +4	IN $\leftrightarrow$ 4



LABEL



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

SCHEMATIC DIAGRAM

