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ISSUE **06-02-18**

SERIE : **SPnT**

PART NUMBER : **R574432240**

RF CHARACTERISTICS

Number of ways : **12**
 Frequency range : **0 - 12.4 GHz**
 Impedance : **50 Ohms**

Frequency (GHz)	DC - 3	3 - 8	8 - 12.4
VSWR max	1,20	1,40	1,60
Insertion loss max	0.20 dB	0.40 dB	0.60 dB
Isolation min	80 dB	70 dB	60 dB
Average power (*)	240 W	150 W	120 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 ** : **320 mA / RESET : 3840 mA ******
 Actuator voltage (Vcc) : **12V (10.2 to 13V) / POSITIVE COMMON**
 Terminals : **solder pins (250°C max. / 30 sec.)**
 Indicator rating : **1 W / 30 V / 100 mA**

MECHANICAL CHARACTERISTICS

Connectors : **SMA female per MIL-C 39012**
 Life : **2 million cycles per position**
 Switching Time*** : **< 15 ms**
 Construction : **Splashproof**
 Weight : **< 400 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%)



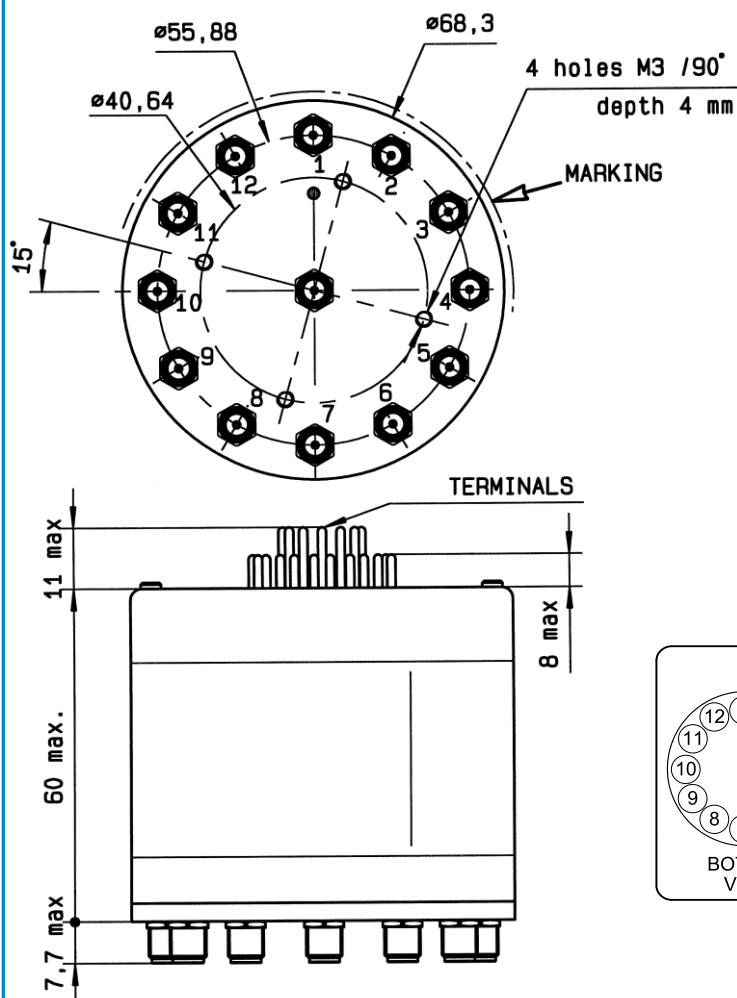
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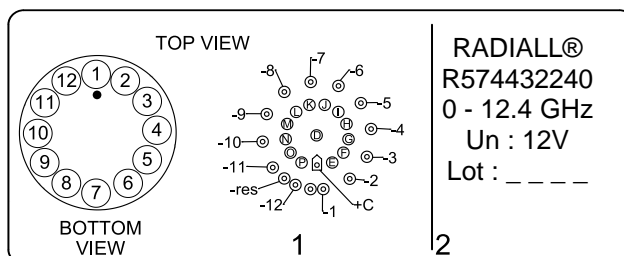
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DRAWING



Voltage	RF Continuity	Ind.
+C -RESET	All ports open	- -
+C -1	IN ↔ 1	D.E
+C -2	IN ↔ 2	D.F
+C -3	IN ↔ 3	D.G
+C -4	IN ↔ 4	D.H
+C -5	IN ↔ 5	D.I
+C -6	IN ↔ 6	D.J
+C -7	IN ↔ 7	D.K
+C -8	IN ↔ 8	D.L
+C -9	IN ↔ 9	D.M
+C -10	IN ↔ 10	D.N
+C -11	IN ↔ 11	D.O
+C -12	IN ↔ 12	D.P

LABEL



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

SCHEMATIC DIAGRAM

