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ISSUE **09-03-21**

SERIE : **SPnT**

PART NUMBER : **R574182025**

RF CHARACTERISTICS

Number of ways : **10**
Frequency range : **0 - 8 GHz**
Impedance : **50 Ohms**

Frequency (GHz)	DC - 3	3 - 8
VSWR max	1.30	1.50
Insertion loss max	0.30 dB	0.50 dB
Isolation min	80 dB	70 dB
Average power (*)	400 W	250 W

VSWR values are not applicable for internal terminations

TERMINATION IMPEDANCE : **50 Ohms**
TERM. AVG. POWER AT 25° C : **1 W per termination / 3 W total power**

ELECTRICAL CHARACTERISTICS

Actuator : **LATCHING**
Nominal current ** : **1280 mA**
Actuator voltage (Vcc) : **12V (10.2 to 13V)**
Terminals : **25 pins D-SUB male connector**
Self cut-off time : **40 ms < CT < 120 ms**
TTL inputs (E) - High level : **2.2 to 5.5 V / 800µA at 5.5 V**
- Low level : **0 to 0.8 V / 20µA at 0.8 V**

MECHANICAL CHARACTERISTICS

Connectors : **N female per MIL-C 39012**
Life : **2 million cycles per position**
Switching Time*** : **< 50 ms**
Construction : **Splashproof**
Weight : **< 850 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)



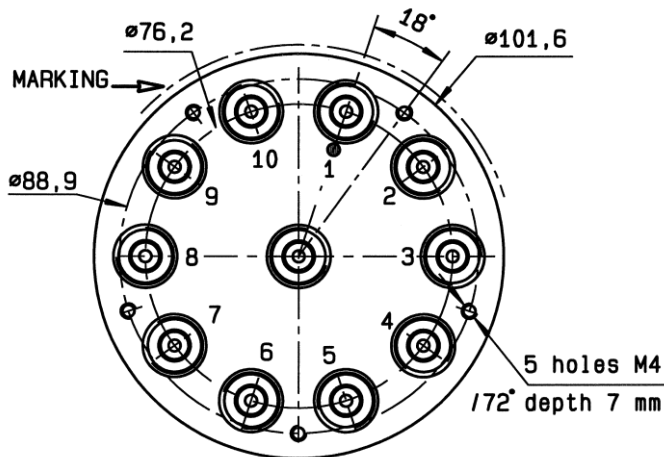
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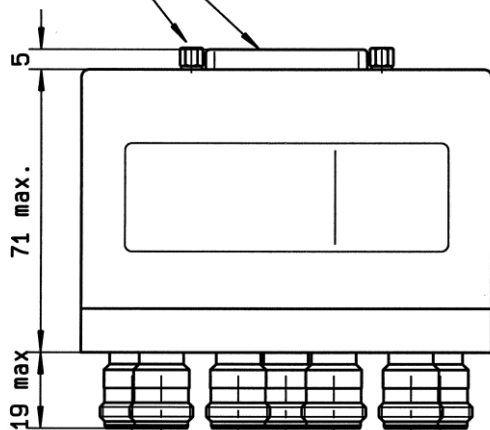
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DRAWING

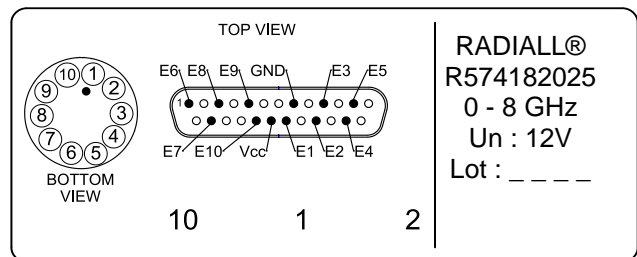


TTL input	RF Continuity
E1 = 1	IN ↔ 1
E2 = 1	IN ↔ 2
E3 = 1	IN ↔ 3
E4 = 1	IN ↔ 4
E5 = 1	IN ↔ 5
E6 = 1	IN ↔ 6
E7 = 1	IN ↔ 7
E8 = 1	IN ↔ 8
E9 = 1	IN ↔ 9
E10 = 1	IN ↔ 10

4-40 UNC 25 pins D-SUB male connector



LABEL



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

SCHEMATIC DIAGRAM

