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ISSUE **06-02-18**

SERIE : **SPnT**

PART NUMBER : **R574092825**

RF CHARACTERISTICS

Number of ways : **8**
Frequency range : **0 - 3 GHz**
Impedance : **50 Ohms**

Frequency (GHz)	DC - 3
VSWR max	1.30
Insertion loss max	0.30 dB
Isolation min	80 dB
Average power (*)	400 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 ** : **960 mA**
Actuator voltage (Vcc) : **12V (10.2 to 13V)**
Terminals : **25 pins D-SUB male connector**
Indicator rating : **1 W / 30 V / 100 mA**
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 : **< 680 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)



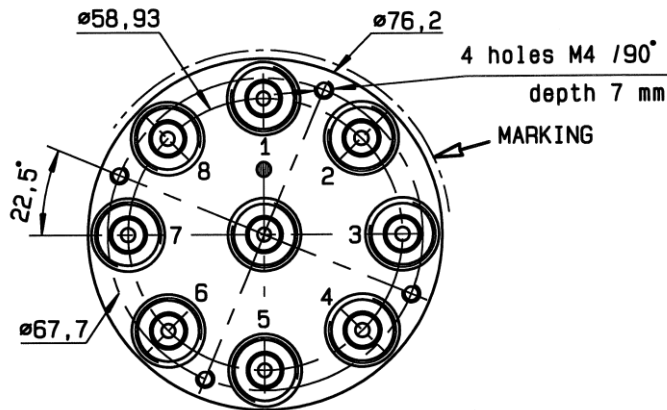
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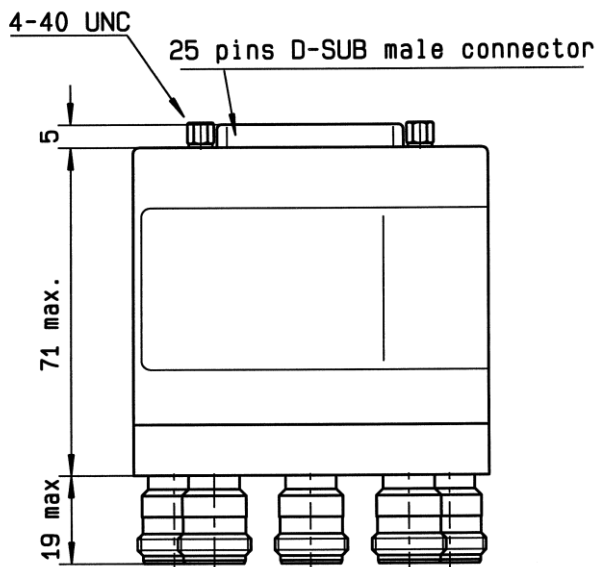
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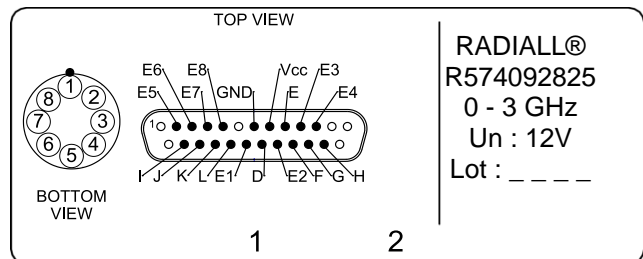
DRAWING



TTL input	RF Continuity	Ind.
E1 = 1	IN ↔ 1	D.E
E2 = 1	IN ↔ 2	D.F
E3 = 1	IN ↔ 3	D.G
E4 = 1	IN ↔ 4	D.H
E5 = 1	IN ↔ 5	D.I
E6 = 1	IN ↔ 6	D.J
E7 = 1	IN ↔ 7	D.K
E8 = 1	IN ↔ 8	D.L



LABEL



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

SCHEMATIC DIAGRAM

