

PAGE **1/2**

ISSUE **09-03-21**

SERIE : **SPnT**

PART NUMBER : **R574893425**

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	2.20
Insertion loss max	0.20 dB	0.40 dB	0.50 dB	0.70 dB	1.10 dB
Isolation min	70 dB	60 dB	60 dB	55 dB	50 dB
Average power (*)	40 W	30 W	25 W	15 W	5 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 ** : **250 mA**
Actuator voltage (Vcc) : **28V (24 to 30V)**
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 : **SMA 2.9 female per MIL-C 39012**
Life : **2 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)



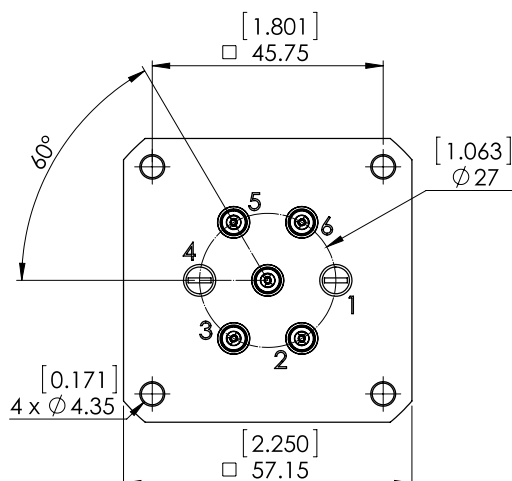
PAGE 2/2

ISSUE 09-03-21

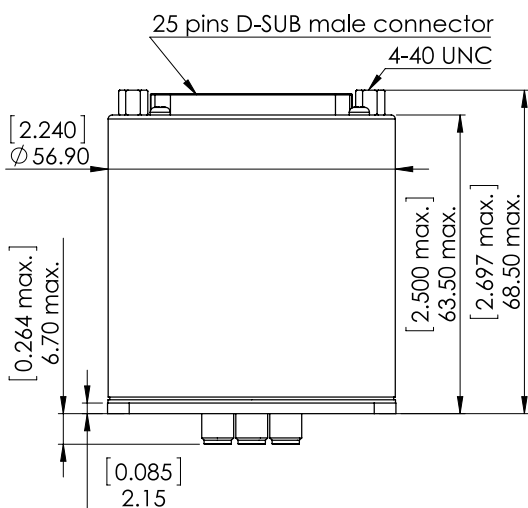
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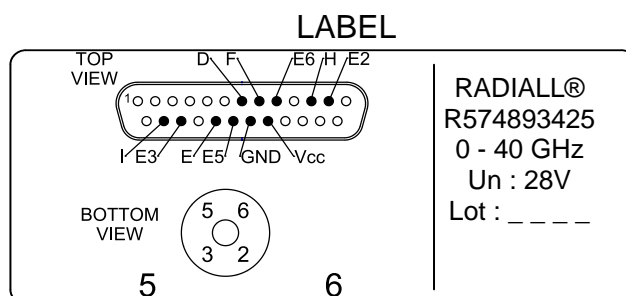
DRAWING



TTL input	RF Continuity	Ind.
E2 = 1	IN ↔ 2	D.H
E3 = 1	IN ↔ 3	D.I
E5 = 1	IN ↔ 5	D.E
E6 = 1	IN ↔ 6	D.F



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



SCHEMATIC DIAGRAM

