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ISSUE 25-11-22

SERIE : SPnT

PART NUMBER : R574G92425

RF CHARACTERISTICS

Number of ways : 4
 Frequency range : 0 - 18 GHz
 Impedance : 50 Ohms

Frequency (GHz)	DC - 3	3 - 8	8 - 12.4	12.4 - 18
VSWR max	1,20	1,30	1,40	1,50
Insertion loss max	0.20 dB	0.30 dB	0.40 dB	0.50 dB
Isolation min	80 dB	70 dB	60 dB	60 dB
Average power (*)	240 W	150 W	120 W	100 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 ** : 640 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 : SMA female per MIL-C 39012
 Life : 3 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)

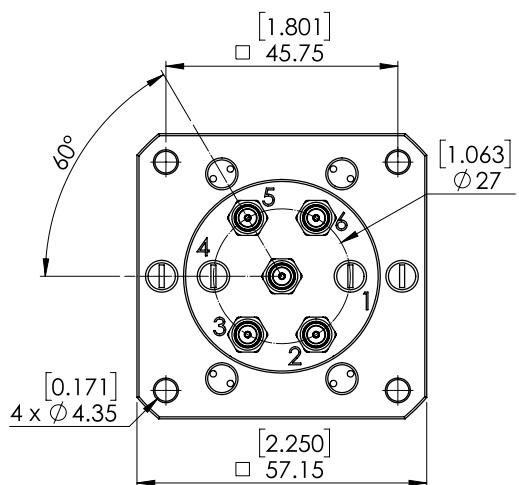


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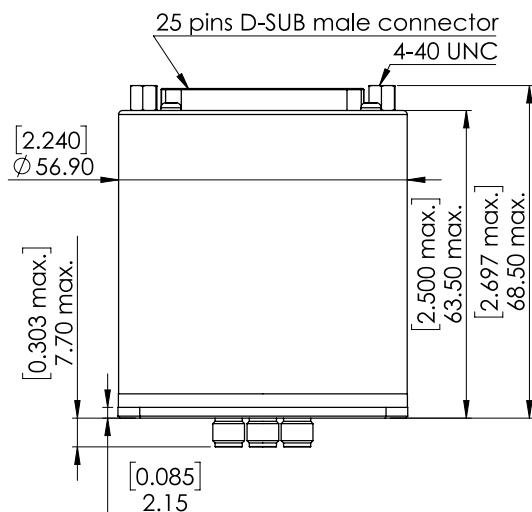
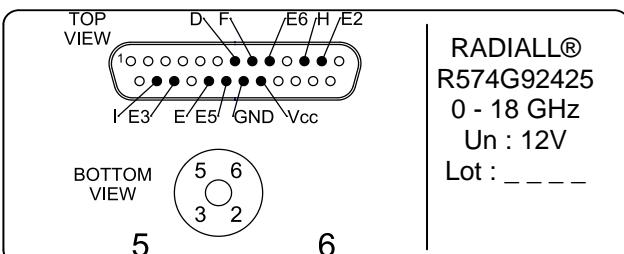
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DRAWING


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


LABEL


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

SCHEMATIC DIAGRAM
