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ISSUE 07-12-21

SERIE : SPnT

PART NUMBER : R574G53505

RF CHARACTERISTICS

Number of ways : 5
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 ** : 125 mA / RESET : 625 mA ****
Actuator voltage (Vcc) : 28V (24 to 30V) / NEGATIVE COMMON
Terminals : 25 pins D-SUB male connector
Indicator rating : 1 W / 30 V / 100 mA
Self cut-off time : 40 ms < CT < 120 ms

MECHANICAL CHARACTERISTICS

Connectors : SMA female per MIL-C 39012
Life : 2 million cycles per position
Switching Time*** : < 15 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)
(**** Reset : supply voltage time 1sec. max. / duty cycle 10%)



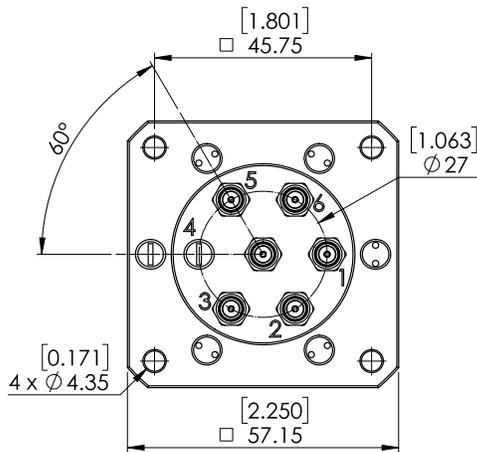
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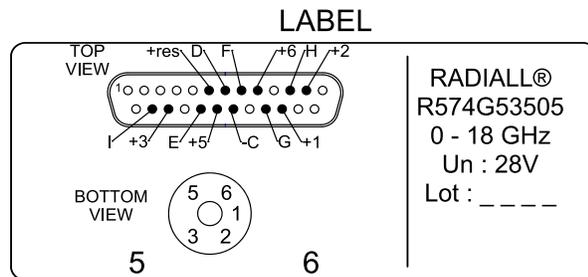
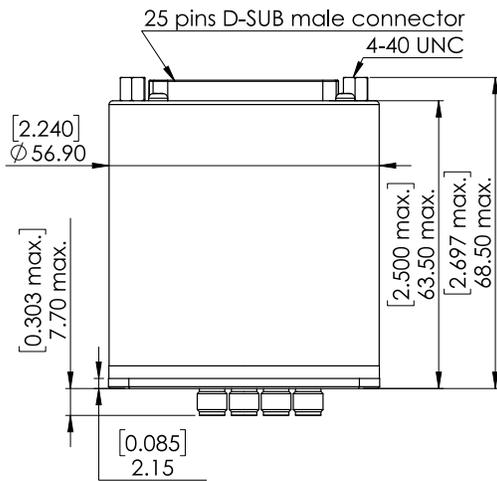
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DRAWING



Voltage	RF Continuity	Ind.
-C +RESET	All ports open	--
-C +1	IN ↔ 1	D.G
-C +2	IN ↔ 2	D.H
-C +3	IN ↔ 3	D.I
-C +5	IN ↔ 5	D.E
-C +6	IN ↔ 6	D.F



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

SCHEMATIC DIAGRAM

