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ISSUE 10-04-25

SERIE : SPnT

PART NUMBER : R574843300

RF CHARACTERISTICS

Number of ways : 3
 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	1.95
Insertion loss max	0.20 dB	0.40 dB	0.50 dB	0.70 dB	1.00 dB
Isolation min	80 dB	70 dB	70 dB	60 dB	55 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 ** : 125 mA / RESET : 375 mA ****
 Actuator voltage (Vcc) : 28V (24 to 30V) / NEGATIVE COMMON
 Terminals : solder pins (250°C max. / 30 sec.)
 Self cut-off time : 40 ms < CT < 120 ms

MECHANICAL CHARACTERISTICS

Connectors : SMA 2.9 female per MIL-C 39012
 Life : 7 million cycles per position
 Switching Time*** : < 15 ms
 Construction : Splashproof
 Weight : < 250 g

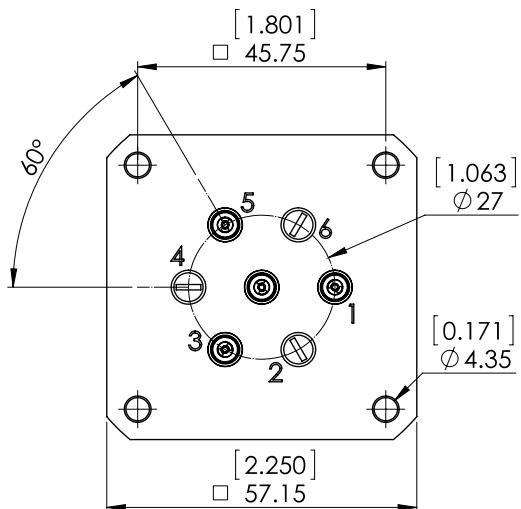
ENVIRONMENTAL CHARACTERISTICS

Operating temperature range : -40°C to +85°C
 Storage temperature range : -55°C to +85°C

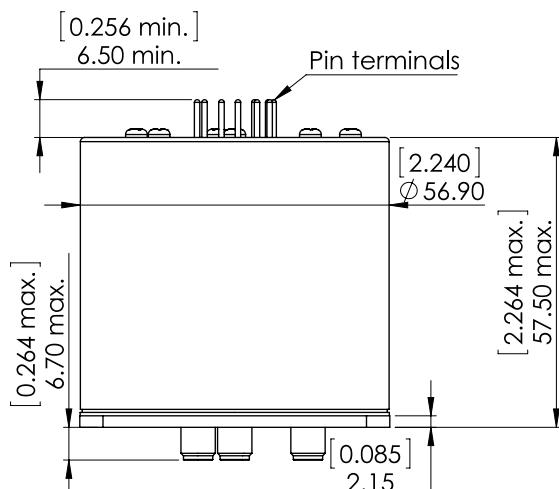
- (*) Average power at 25°C per RF Path)
- (**) At 25° C ±10%
- (***) Nominal voltage ; 25° C)
- (****) Reset : supply voltage time 1sec. max. / duty cycle 10%)



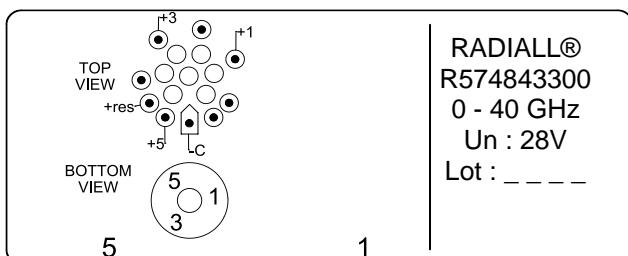
DRAWING



Voltage	RF Continuity
-C +RESET	All ports open
-C +1	IN \leftrightarrow 1
-C +3	IN \leftrightarrow 3
-C +5	IN \leftrightarrow 5



LABEL



SCHEMATIC DIAGRAM

