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ISSUE 11-04-17

SERIE : SPnT

PART NUMBER : R574492285

RF CHARACTERISTICS

Number of ways : 12
Frequency range : 0 - 12.4 GHz
Impedance : 50 Ohms

Frequency (GHz)	DC - 3	3 - 8	8 - 12.4
VSWR max	1.20	1.40	1.60
Insertion loss max	0.20 dB	0.40 dB	0.60 dB
Isolation min	80 dB	70 dB	60 dB
Average power (*)	240 W	150 W	120 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 ** : 1280 mA
Actuator voltage (Vcc) : 12V (10.2 to 13V)
Terminals : 44 pins D-SUB male connector
Indicator rating : 1 W / 30 V / 100 mA
Self cut-off time : 40 ms < CT < 120 ms
BCD inputs (E) - High level : 3.5 to 5.5 V / 800µA at 5.5 V
- Low level : 0 to 1.5 V / 20µA at 0.8 V

MECHANICAL CHARACTERISTICS

Connectors : SMA female per MIL-C 39012
Life : 2 million cycles per position
Switching Time*** : < 50 ms
Construction : Splashproof
Weight : < 400 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)



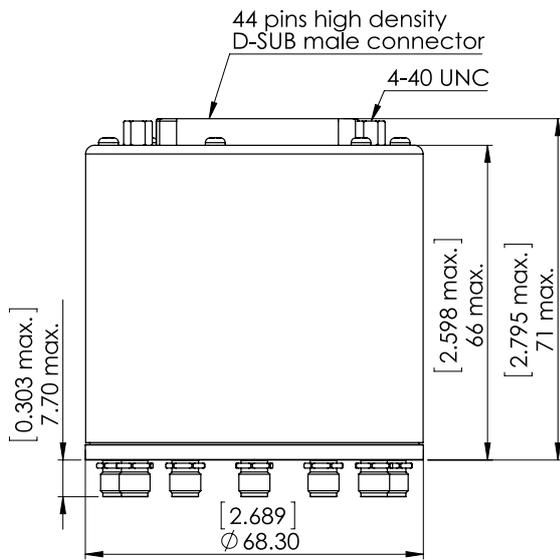
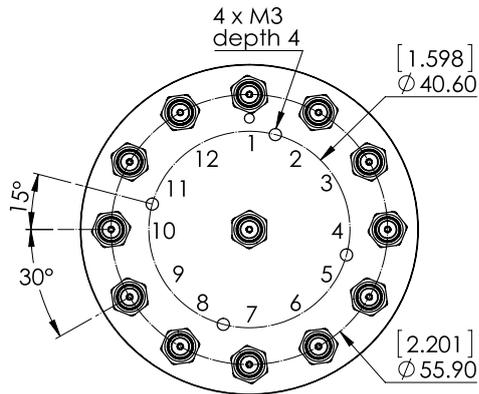
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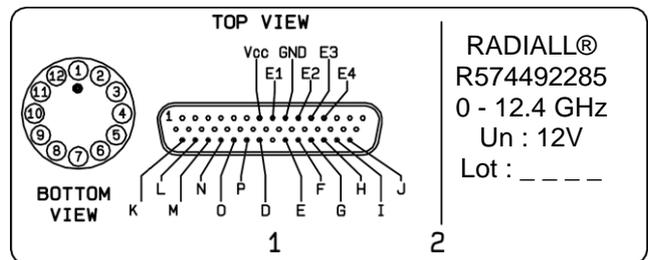
DRAWING



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

BCD TRUTH TABLE					
E4	E3	E2	E1	RF continuity	Ind.
0	0	0	0	All ports open (Forced Reset)	--
0	0	0	1	IN ↔ 1	D.E
0	0	1	0	IN ↔ 2	D.F
0	0	1	1	IN ↔ 3	D.G
0	1	0	0	IN ↔ 4	D.H
0	1	0	1	IN ↔ 5	D.I
0	1	1	0	IN ↔ 6	D.J
0	1	1	1	IN ↔ 7	D.K
1	0	0	0	IN ↔ 8	D.L
1	0	0	1	IN ↔ 9	D.M
1	0	1	0	IN ↔ 10	D.N
1	0	1	1	IN ↔ 11	D.O
1	1	0	0	IN ↔ 12	D.P

LABEL



SCHEMATIC DIAGRAM

