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ISSUE **22-03-22**

SERIE : **SPnT**

PART NUMBER : **R574392285**

RF CHARACTERISTICS

Number of ways : **12**
Frequency range : **0 - 3 GHz**
Impedance : **50 Ohms**

Frequency (GHz)	DC - 3
VSWR max	1,20
Insertion loss max	0.20 dB
Isolation min	80 dB
Average power (*)	240 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**

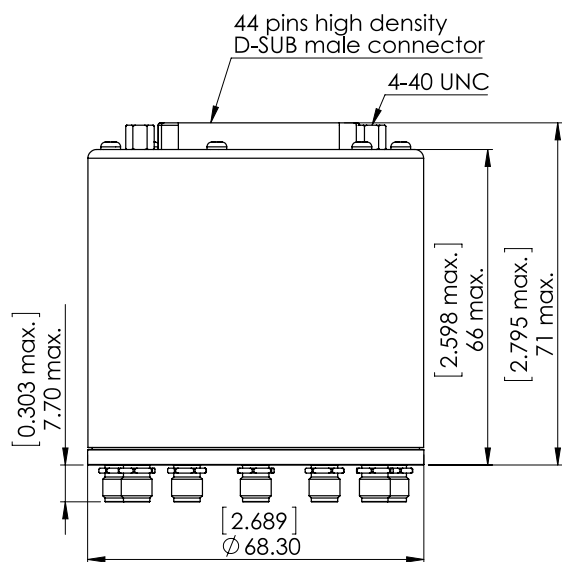
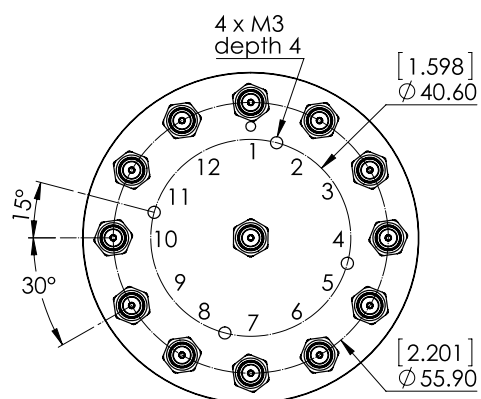
ENVIRONMENTAL CHARACTERISTICS

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)



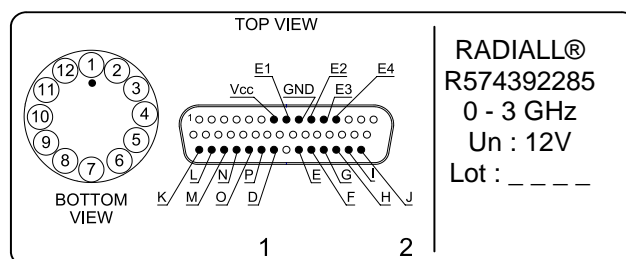
DRAWING



General tolerances : $\pm 0,5$ 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

