

PAGE **1/2**

ISSUE **06-02-18**

SERIE : **SPnT**

PART NUMBER : **R573413885**

RF CHARACTERISTICS

Number of ways : **8**
 Frequency range : **0 - 18 GHz**
 Impedance : **50 Ohms**

Frequency (GHz)	DC - 3	3 - 8	8 - 12.4	12.4 - 16	16 - 18
VSWR max	1.20	1.30	1.40	1.50	1.60
Insertion loss max	0.20 dB	0.30 dB	0.40 dB	0.55 dB	0.60 dB
Isolation min	80 dB	70 dB	60 dB	60 dB	60 dB
Average power (*)	240 W	150 W	120 W	110 W	100 W

ELECTRICAL CHARACTERISTICS

Actuator : **NORMALLY OPEN**
 Nominal current ** : **102 mA**
 Actuator voltage (Vcc) : **28V (24 to 30V)**
 Terminals : **25 pins D-SUB male connector**
 Indicator rating : **1 W / 30 V / 100 mA**
 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*** : **< 15 ms**
 Construction : **Splashproof**
 Weight : **< 280 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)



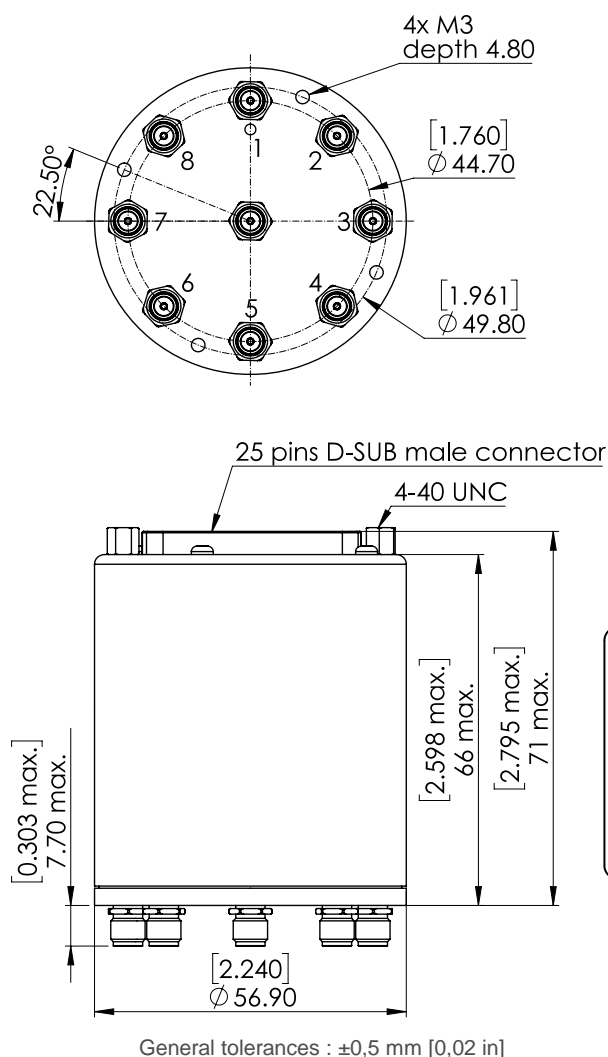
PAGE 2/2

ISSUE 06-02-18

SERIE : SPnT

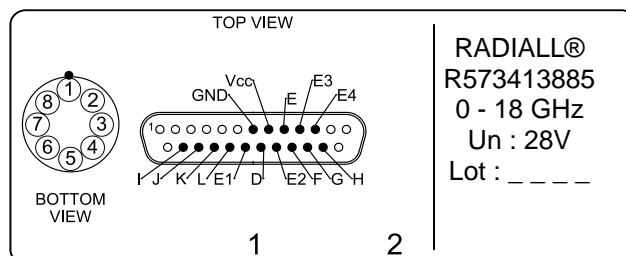
PART NUMBER : R573413885

DRAWING



BCD TRUTH TABLE					
E4	E3	E2	E1	RF continuity	Ind.
0	0	0	0	Last Position	--
1	1	1	1	All ports open	
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

LABEL



SCHEMATIC DIAGRAM

