

PAGE **1/2**

ISSUE **17.12.14**

SERIE : **SPnT**

PART NUMBER : **R573303185**

RF CHARACTERISTICS

Number of ways : **11**
 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

ELECTRICAL CHARACTERISTICS

Actuator : **NORMALLY OPEN**
 Nominal current ** : **102 mA**
 Actuator voltage (Vcc) : **28V (24 to 30V)**
 Terminals : **44 pins D-SUB male connector**
 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 : **2.000.000 cycles per position**
 Switching Time*** : **< 15 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)



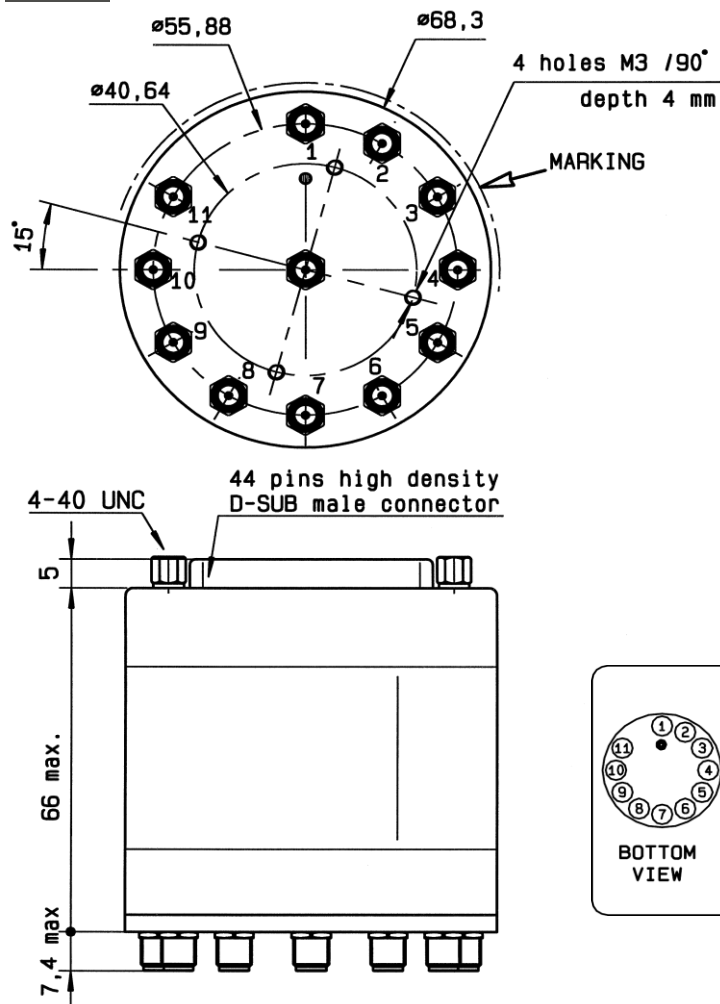
PAGE 2/2

ISSUE 17.12.14

SERIE : SPnT

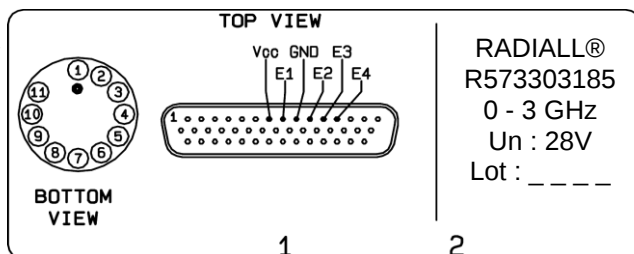
PART NUMBER : R573303185

DRAWING



BCD TRUTH TABLE				
E4	E3	E2	E1	RF continuity
0	0	0	0	Last Position
1	1	1	1	All ports open
0	0	0	1	IN ↔ 1
0	0	1	0	IN ↔ 2
0	0	1	1	IN ↔ 3
0	1	0	0	IN ↔ 4
0	1	0	1	IN ↔ 5
0	1	1	0	IN ↔ 6
0	1	1	1	IN ↔ 7
1	0	0	0	IN ↔ 8
1	0	0	1	IN ↔ 9
1	0	1	0	IN ↔ 10
1	0	1	1	IN ↔ 11

LABEL



General tolerances : ±0.5 mm

SCHEMATIC DIAGRAM

