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ISSUE **11-12-17**

SERIE : **SPnT**

PART NUMBER : **R573192220**

RF CHARACTERISTICS

Number of ways : **12**
 Frequency range : **0 - 8 GHz**
 Impedance : **50 Ohms**

Frequency (GHz)	DC - 3	3 - 8
VSWR max	1.35	1.70
Insertion loss max	0.50 dB	1.00 dB
Isolation min	70 dB	60 dB
Average power (*)	400 W	250 W

ELECTRICAL CHARACTERISTICS

Actuator : **LATCHING**
 Nominal current ** : **1280 mA**
 Actuator voltage (Vcc) : **12V (10.2 to 13V)**
 Terminals : **solder pins (250°C max. / 30 sec.)**
 Indicator rating : **1 W / 30 V / 100 mA**
 Self cut-off time : **40 ms < CT < 120 ms**
 TTL inputs (E) - High level : **2.2 to 5.5 V / 800µA at 5.5 V**
 - Low level : **0 to 0.8 V / 20µA at 0.8 V**

MECHANICAL CHARACTERISTICS

Connectors : **N female per MIL-C 39012**
 Life : **2 million cycles per position**
 Switching Time*** : **< 50 ms**
 Construction : **Splashproof**
 Weight : **< 1100 g**

ENVIRONMENTAL CHARACTERISTICS

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

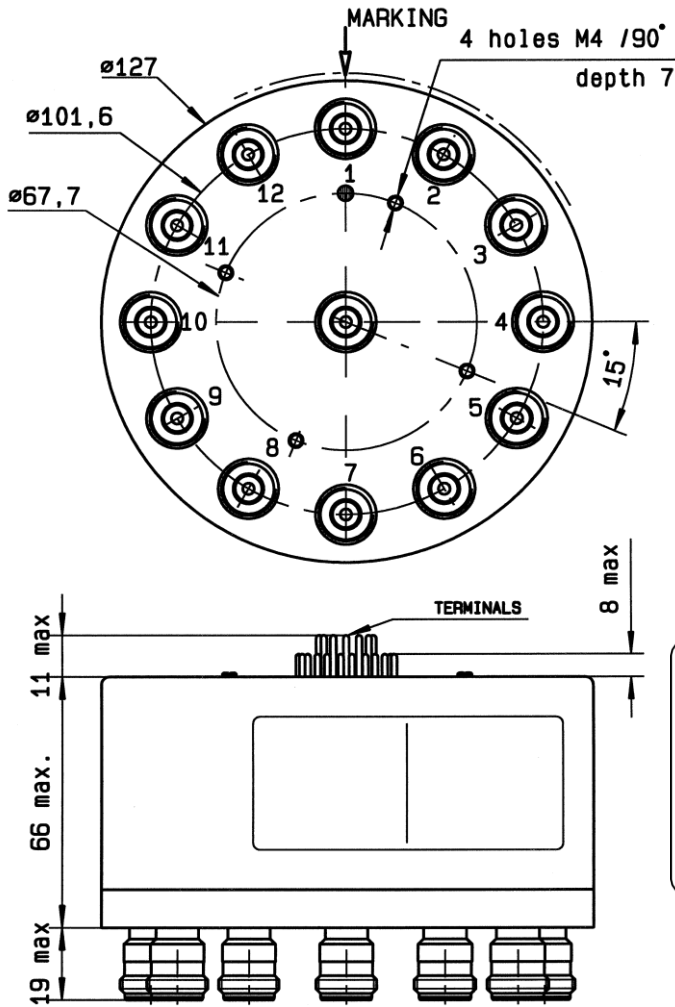
(* Average power at 25°C per RF Path)

(** At 25° C ±10%)

(*** Nominal voltage ; 25° C)



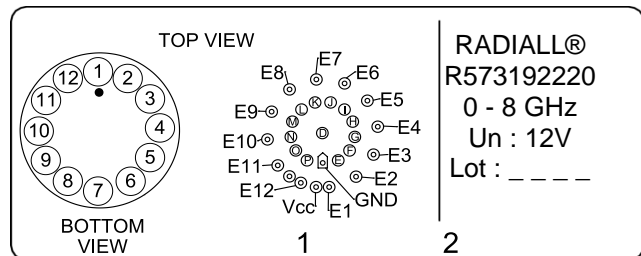
DRAWING



General tolerances : $\pm 0,5$ mm [0,02 in]

TTL input	RF Continuity	Ind.
E1 = 1	IN \leftrightarrow 1	D.E
E2 = 1	IN \leftrightarrow 2	D.F
E3 = 1	IN \leftrightarrow 3	D.G
E4 = 1	IN \leftrightarrow 4	D.H
E5 = 1	IN \leftrightarrow 5	D.I
E6 = 1	IN \leftrightarrow 6	D.J
E7 = 1	IN \leftrightarrow 7	D.K
E8 = 1	IN \leftrightarrow 8	D.L
E9 = 1	IN \leftrightarrow 9	D.M
E10 = 1	IN \leftrightarrow 10	D.N
E11 = 1	IN \leftrightarrow 11	D.O
E12 = 1	IN \leftrightarrow 12	D.P

LABEL



SCHEMATIC DIAGRAM

