

PAGE **1/2**

ISSUE **10-04-25**

SERIE : **SPnT**

PART NUMBER : **R573813420**

RF CHARACTERISTICS

Number of ways : **4**
 Frequency range : **0 - 40 GHz**
 Impedance : **50 Ohms**

Frequency (GHz)	DC - 6	6 - 12.4	12.4 - 18	18 - 26.5	26.5 - 40
VSWR max	1.30	1.40	1.50	1.70	1.95
Insertion loss max	0.20 dB	0.40 dB	0.50 dB	0.70 dB	1.00 dB
Isolation min	80 dB	70 dB	70 dB	60 dB	55 dB
Average power (*)	40 W	30 W	25 W	15 W	5 W

ELECTRICAL CHARACTERISTICS

Actuator : **NORMALLY OPEN**
 Nominal current ** : **102 mA**
 Actuator voltage (Vcc) : **28V (24 to 30V)**
 Terminals : **solder pins (250°C max. / 30 sec.)**
 Indicator rating : **1 W / 30 V / 100 mA**
 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 : **SMA 2.9 female per MIL-C 39012**
 Life : **7 million cycles per position**
 Switching Time*** : **< 15 ms**
 Construction : **Splashproof**
 Weight : **< 220 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)



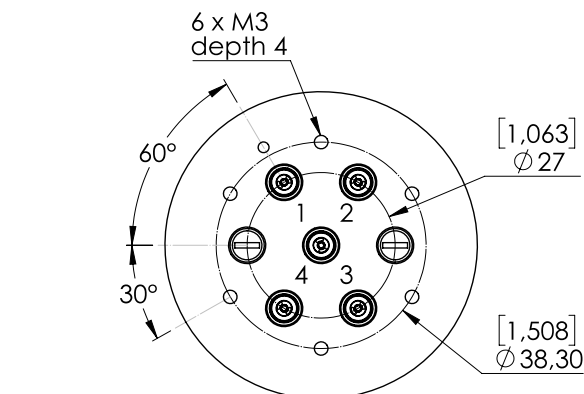
PAGE 2/2

ISSUE 10-04-25

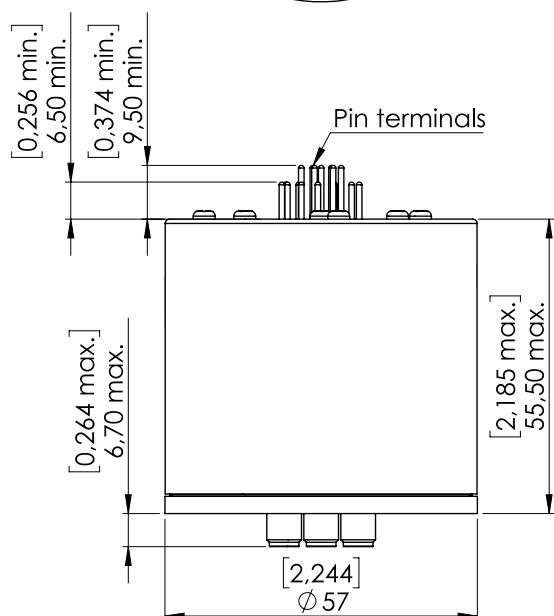
SERIE : SPnT

PART NUMBER : R573813420

DRAWING

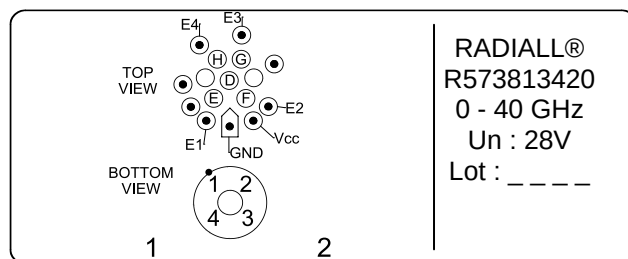


TTL input	RF Continuity	Ind.
E1 = 1	IN ↔ 1	D.E
E2 = 1	IN ↔ 2	D.F
E3 = 1	IN ↔ 3	D.G
E4 = 1	IN ↔ 4	D.H



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

LABEL



SCHEMATIC DIAGRAM

