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ISSUE 11.04.14

SERIE : SPnT

PART NUMBER : R574493205

RF CHARACTERISTICS

Number of ways : 12
 Frequency range : 0 - 12.4 GHz
 Impedance : 50 Ohms

| Frequency (GHz) | DC - 3 | 3 - 8 | 8 - 12.4 |
|--------------------|---------|---------|----------|
| VSWR max | 1.20 | 1.40 | 1.60 |
| Insertion loss max | 0.20 dB | 0.40 dB | 0.60 dB |
| Isolation min | 80 dB | 70 dB | 60 dB |
| Average power (*) | 240 W | 150 W | 120 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 ** : 500 mA
 Actuator voltage (Vcc) : 28V (24 to 30V) / NEGATIVE COMMON
 Terminals : 44 pins D-SUB male connector
 Indicator rating : 1 W / 30 V / 100 mA
 Self cut-off time : 40 ms < CT < 120 ms

MECHANICAL CHARACTERISTICS

Connectors : SMA female per MIL-C 39012
 Life : 2.000.000 cycles per position
 Switching Time*** : < 50 ms
 Construction : Splashproof
 Weight : < 400 g

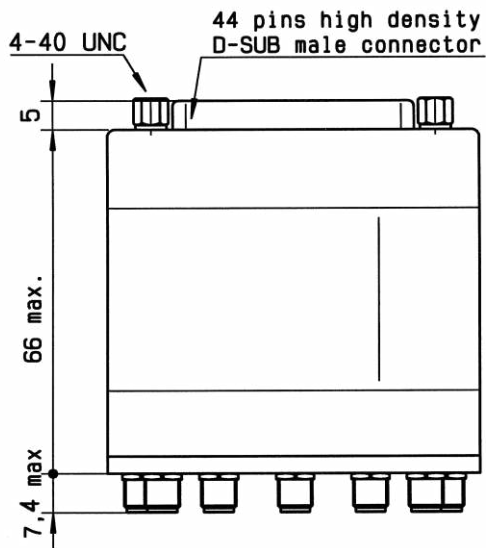
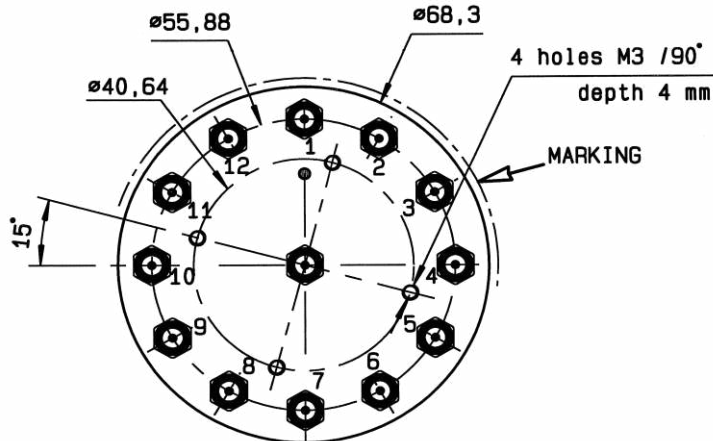
ENVIRONMENTAL CHARACTERISTICS

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)



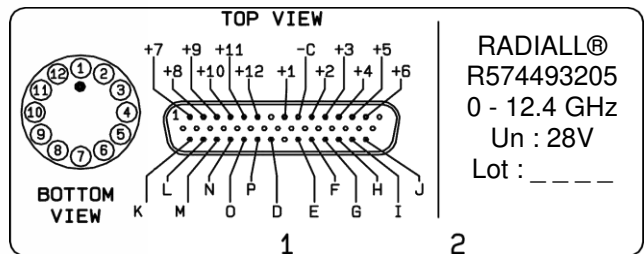
DRAWING



General tolerances : ±0.5 mm

| Voltage | RF Continuity | Ind. |
|---------|---------------|------|
| -C +1 | IN ↔ 1 | D.E |
| -C +2 | IN ↔ 2 | D.F |
| -C +3 | IN ↔ 3 | D.G |
| -C +4 | IN ↔ 4 | D.H |
| -C +5 | IN ↔ 5 | D.I |
| -C +6 | IN ↔ 6 | D.J |
| -C +7 | IN ↔ 7 | D.K |
| -C +8 | IN ↔ 8 | D.L |
| -C +9 | IN ↔ 9 | D.M |
| -C +10 | IN ↔ 10 | D.N |
| -C +11 | IN ↔ 11 | D.O |
| -C +12 | IN ↔ 12 | D.P |

LABEL



SCHEMATIC DIAGRAM

