

Description : SP4T 26.5GHz SMA 2.9 N/O 28V SWITCH
Options : TTL DRIVE / SUPP. DIODES

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RF CHARACTERISTICS

Number of ways : 4
Frequency range : 0 - 26.5 GHz
Impedance : 50 Ohms

Frequency (GHz)	0 - 6	6 - 12.4	12.4 - 18	18 - 26.5
VSWR max	1.30	1.40	1.50	1.70
Insertion loss max	0.20 dB	0.40 dB	0.50 dB	0.70 dB
Isolation min	70 dB	60 dB	60 dB	55 dB
Average power (*)	40 W	30 W	25 W	15 W

ELECTRICAL CHARACTERISTICS

Actuator : NORMALLY OPEN
Nominal current ** : 102 mA
Actuator voltage (Vcc) : 28V (24 to 30V) / NEGATIVE COMMON
Terminals : solder pins (250°C max. / 30 sec.)
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 : 2.000.000 cycles per position
Switching Time*** : < 15 ms
Construction : Splashproof
Weight : < 220 g

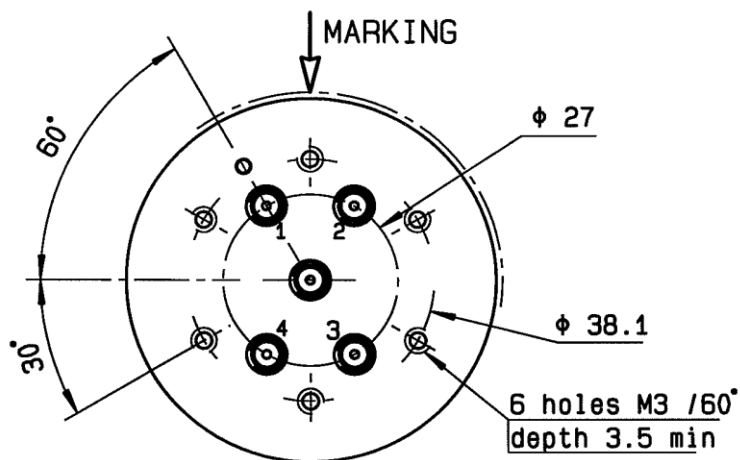
ENVIRONMENTAL CHARACTERISTICS

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

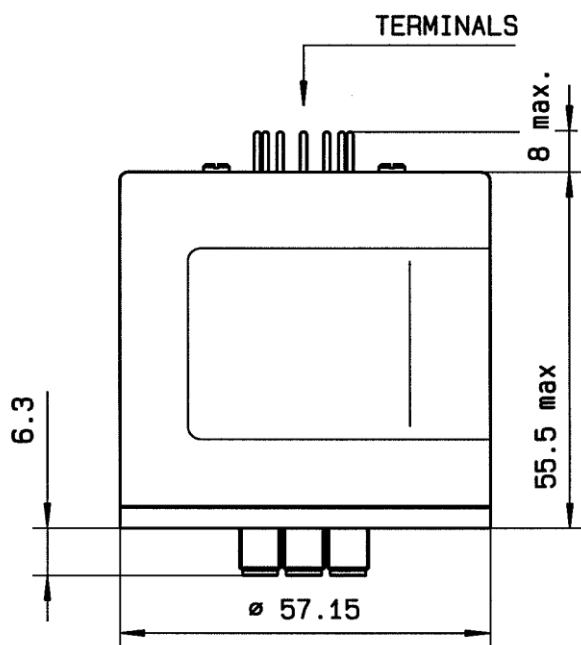
(*) Average power at 25°C per RF Path)
(**) At 25° C ±10%)
(***) Nominal voltage ; 25° C)



DRAWING

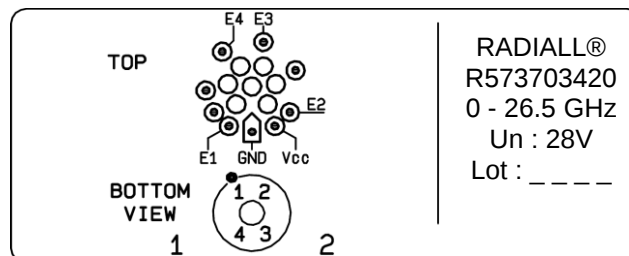


TTL input	RF Continuity
E1 = 1	IN ↔ 1
E2 = 1	IN ↔ 2
E3 = 1	IN ↔ 3
E4 = 1	IN ↔ 4



General tolerances : ±0.5 mm

LABEL



SCHEMATIC DIAGRAM

