

Description : SP5T 26.5GHz SMA 2.9 LATCHING 28V SWITCH
Options : INDICATOR

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RF CHARACTERISTICS

Number of ways : 5
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 : LATCHING
Nominal current ** : 125 mA / RESET : 625 mA ****
Actuator voltage (Vcc) : 28V (24 to 30V) / NEGATIVE COMMON
Terminals : solder pins (250°C max. / 30 sec.)
Indicator rating : 1 W / 30 V / 100 mA

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 : < 180 g

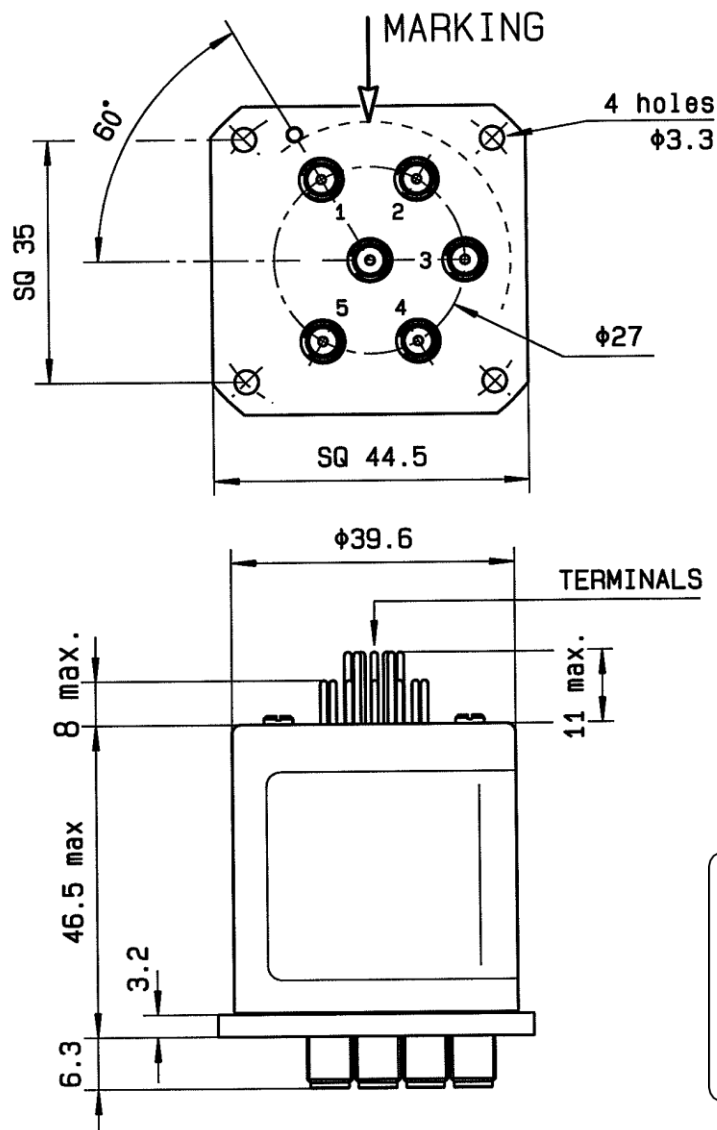
ENVIRONMENTAL CHARACTERISTICS

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



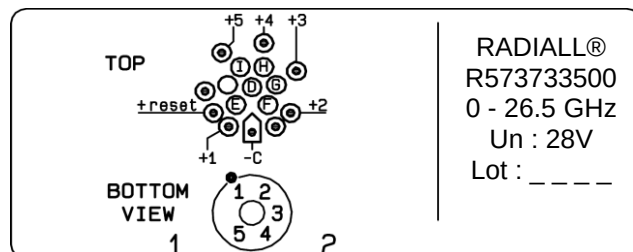
(*) Average power at 25°C per RF Path)
(**) At 25° C ±10%)
(***) Nominal voltage ; 25° C)
(****) Reset : supply voltage time 1sec. max. / duty cycle 10%)

DRAWING



Voltage	RF Continuity	Ind.
-C +RESET	All ports open	- -
-C +1	IN $\leftrightarrow$ 1	D.E
-C +2	IN $\leftrightarrow$ 2	D.F
-C +3	IN $\leftrightarrow$ 3	D.G
-C +4	IN $\leftrightarrow$ 4	D.H
-C +5	IN $\leftrightarrow$ 5	D.I

LABEL



General tolerances : ± 0.5 mm

SCHEMATIC DIAGRAM

