

Description : SP6T 18GHz SMA LATCHING 28V D-SUB SWITCH
Options : INDICATOR / POSITIVE COMMON

Issue 06.02.13
Page 1/2

RF CHARACTERISTICS

Number of ways : 6
Frequency range : 0 - 18 GHz
Impedance : 50 Ohms

Frequency (GHz)	0 - 3	3 - 8	8 - 12.4	12.4 - 18
VSWR max	1.20	1.30	1.40	1.50
Insertion loss max	0.20 dB	0.30 dB	0.40 dB	0.50 dB
Isolation min	80 dB	70 dB	60 dB	60 dB
Average power (*)	240 W	150 W	120 W	100 W

ELECTRICAL CHARACTERISTICS

Actuator : LATCHING
Nominal current ** : 125 mA / RESET : 750 mA ****
Actuator voltage (Vcc) : 28V (24 to 30V) / POSITIVE COMMON
Terminals : 25 pins D-SUB male connector
Indicator rating : 1 W / 30 V / 100 mA

MECHANICAL CHARACTERISTICS

Connectors : SMA female per MIL-C 39012
Life : 5.000.000 cycles per position
Switching Time*** : < 15 ms
Construction : Splashproof
Weight : < 220 g

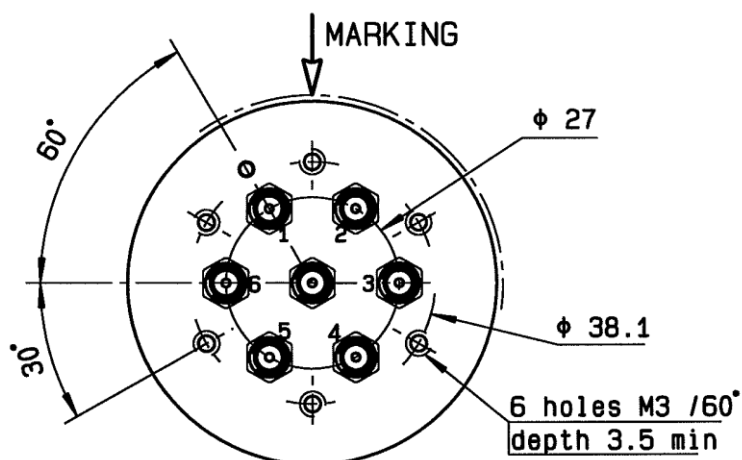
ENVIRONMENTAL CHARACTERISTICS

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

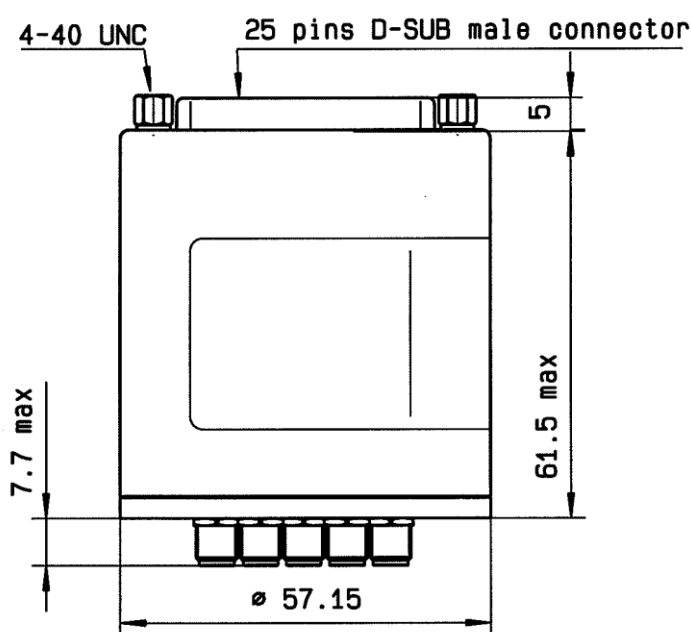


(*) Average power at 25°C per RF Path)
(**) At 25° C ±10%)
(***) Nominal voltage ; 25° C)
(****) Reset : supply voltage time 1sec. max. / duty cycle 10%)

DRAWING

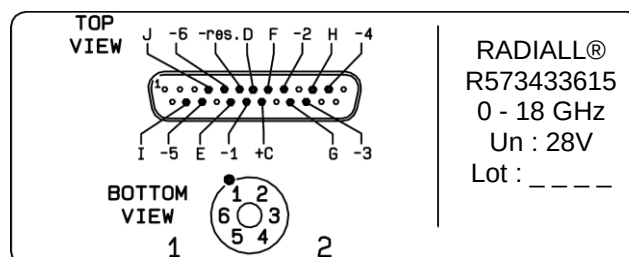


Voltage	RF Continuity	Ind.
+C -RESET	All ports open	- -
+C -1	IN $\leftrightarrow$ 1	D.E
+C -2	IN $\leftrightarrow$ 2	D.F
+C -3	IN $\leftrightarrow$ 3	D.G
+C -4	IN $\leftrightarrow$ 4	D.H
+C -5	IN $\leftrightarrow$ 5	D.I
+C -6	IN $\leftrightarrow$ 6	D.J

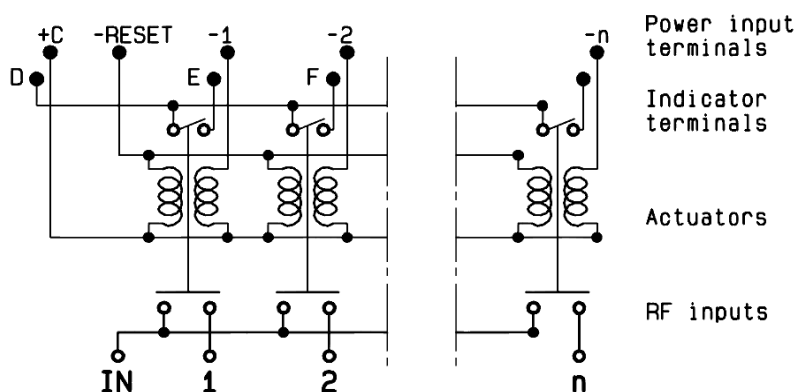


General tolerances : ± 0.5 mm

LABEL



SCHEMATIC DIAGRAM



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