

4112-9212 This information is given as an indication. In the continual goal to improve our products, we reserve the right to make any modifications judged necessary



26.5 GHz SMA-2.9 LATCHING S.P.3 T. SWITCH

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OPTIONS :

RF CHARACTERISTICS

NUMBER OF WAYS : 3
FREQUENCY RANGE : 0 - 26.5 GHz
IMPEDANCE : 50 Ohms

FREQUENCY (GHz)	0 - 6	6 -12.4	12.4- 18	18 -26.5
V.S.W.R <=	1.30	1.40	1.50	1.70
INSERT. LOSS <=	0.20 dB	0.40 dB	0.50 dB	0.70 dB
ISOLATION >=	70 dB	60 dB	60 dB	55 dB
AVER. POWER (*)	40 W	30 W	25 W	15 W

ELECTRICAL CHARACTERISTICS

ACTUATOR : LATCHING
NOMINAL CURRENT AT 25° C (±10%) : 125 mA / RESET : 375 mA (**)
ACTUATOR VOLTAGE (Vcc) : 28V (24 to 30V) / NEGATIVE COMMON
TERMINALS : solder pins (250°C max./30 sec.)

MECHANICAL CHARACTERISTICS

CONNECTORS : SMA-~~2.9~~ female per MIL C 39012
LIFE : 2.000.000 cycles per position
SWITCHING TIME (nominal voltage;25° C) : < 15 ms
CONSTRUCTION : splashproof
WEIGHT : < 180 g

ENVIRONMENTAL CHARACTERISTICS

OPERATING TEMPERATURE RANGE (°C) : -40 , +85
STORAGE TEMPERATURE RANGE (°C) : -55 , +85

(* : average power at 25° C per RF path)
(** RESET : supply voltage time 1sec. max./duty cycle 10%)

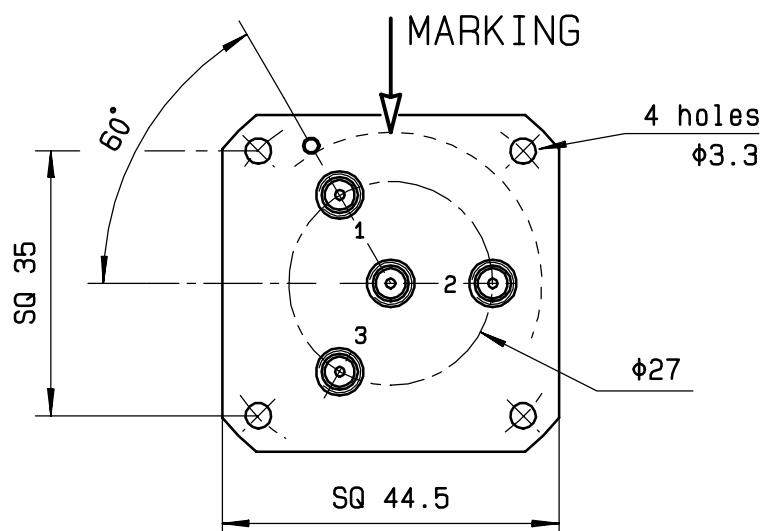
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DRAWING

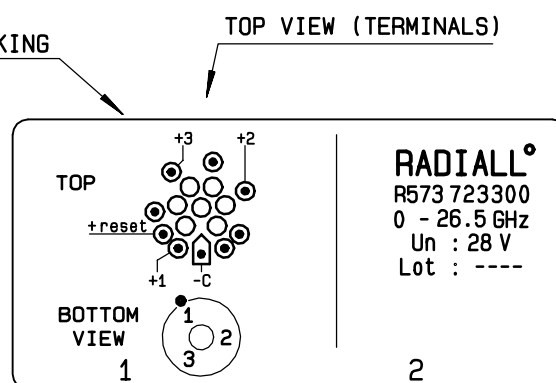
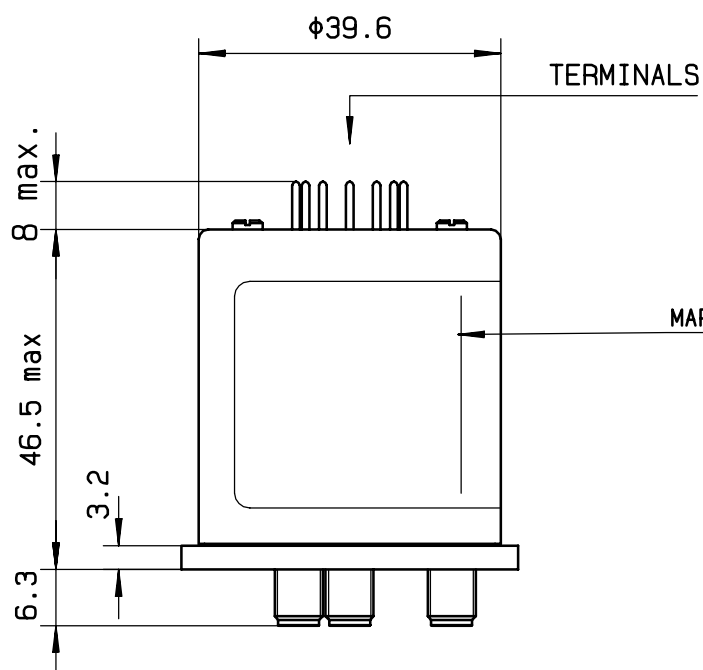
General tolerance: $\pm 0,5$ mm

R573.723.300

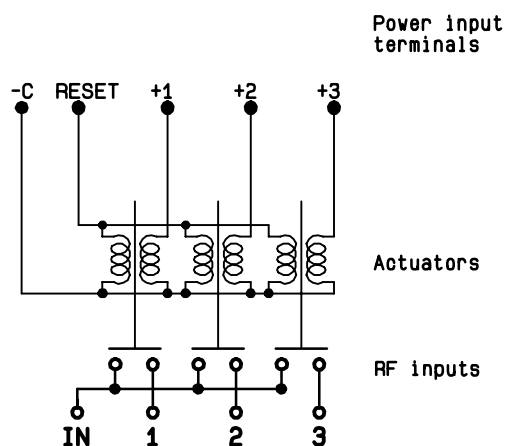
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Voltage	RF continuity
-C +RESET	All ports open
-C +1	IN $\leftrightarrow$ 1
-C +2	IN $\leftrightarrow$ 2
-C +3	IN $\leftrightarrow$ 3



SCHEMATIC DIAGRAM



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