

Description : SP9T 3GHz SMA N/O 28V SWITCH
Options : SUPP. DIODES

Issue 08.06.12
Page 1/2

RF CHARACTERISTICS

Number of ways : 9
Frequency range : 0 - 3 GHz
Impedance : 50 Ohms

Frequency (GHz)	0 - 3
VSWR max	1.20
Insertion loss max	0.20 dB
Isolation min	80 dB
Average power (*)	240 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.)

MECHANICAL CHARACTERISTICS

Connectors : SMA female per MIL-C 39012
Life : 2.000.000 cycles per position
Switching Time*** : < 15 ms
Construction : Splashproof
Weight : < 360 g

ENVIRONMENTAL CHARACTERISTICS

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

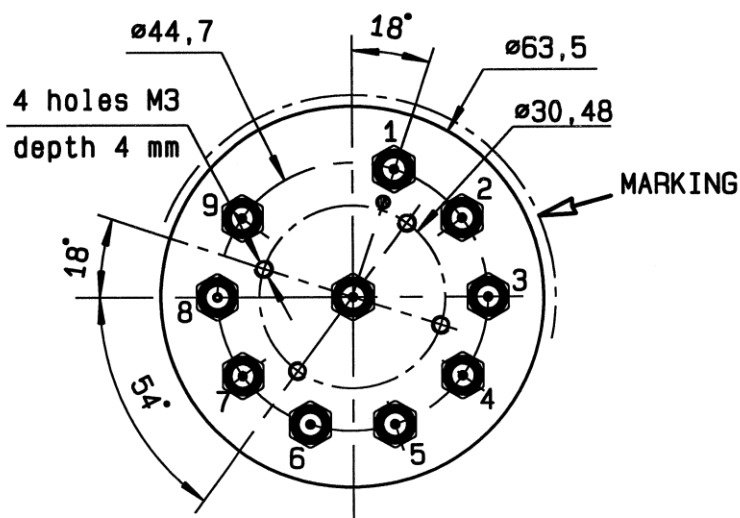
(*) Average power at 25°C per RF Path)

(**) At 25° C ±10%)

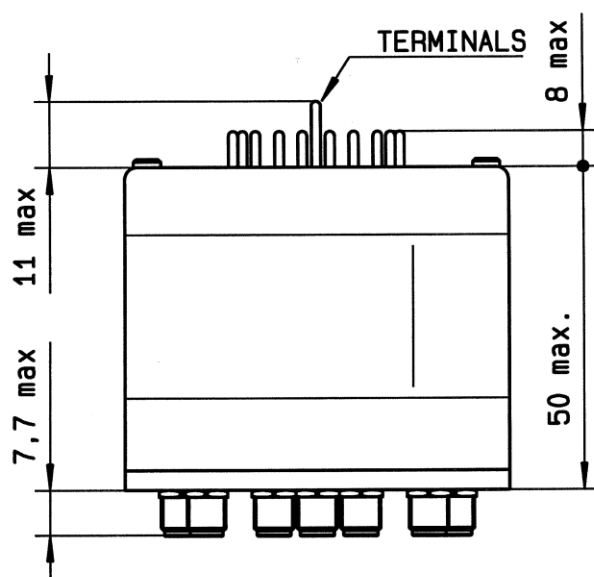
(***) Nominal voltage ; 25° C)



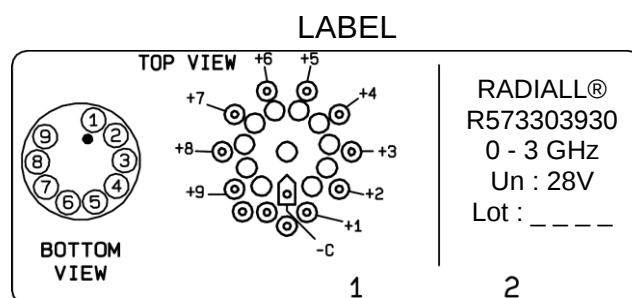
DRAWING



Voltage	RF Continuity
-C +1	IN $\leftrightarrow$ 1
-C +2	IN $\leftrightarrow$ 2
-C +3	IN $\leftrightarrow$ 3
-C +4	IN $\leftrightarrow$ 4
-C +5	IN $\leftrightarrow$ 5
-C +6	IN $\leftrightarrow$ 6
-C +7	IN $\leftrightarrow$ 7
-C +8	IN $\leftrightarrow$ 8
-C +9	IN $\leftrightarrow$ 9



General tolerances : ± 0.5 mm



SCHEMATIC DIAGRAM

