

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



12.4 GHz TNC LATCHING TRANSFER SWITCH

Page
1 / 2

OPTIONS: INDICATOR /SELF CUT-OFF

R F CHARACTERISTICS

FREQUENCY RANGE : 0 - 12.4 GHz
IMPEDANCE : 50 Ohms

FREQUENCY (GHz)	0 - 1	1 - 2	2 - 3	3 - 8	8 - 12.4
V.S.W.R <=	1.15	1.20	1.25	1.35	1.50
INSERT. LOSS <=	0.15 dB	0.20 dB	0.25 dB	0.35 dB	0.50 dB
ISOLATION >=	85 dB	80 dB	75 dB	70 dB	60 dB
AVER. POWER (*)	700 W	500 W	400 W	250 W	200 W

ELECTRICAL CHARACTERISTICS

ACTUATOR : LATCHING
NOMINAL CURRENT AT 25° C (±10%) : 125 mA
ACTUATOR VOLTAGE (Vcc) : 28V (24 to 30V) /NEGATIVE COMMON
TERMINALS : solder pins (250 Deg.C max./30 sec)
INDICATOR RATING : 1 W / 30 V / 100 mA
SELF CUT-OFF TIME : 40 ms < CT < 120 ms

MECHANICAL CHARACTERISTICS

CONNECTORS : TNC female per MIL C 39012
LIFE : 2.500.000 cycles
SWITCHING TIME (nominal voltage;25° C) : < 15 ms
CONSTRUCTION : splashproof
WEIGHT : < 215 g

ENVIRONMENTAL CHARACTERISTICS

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

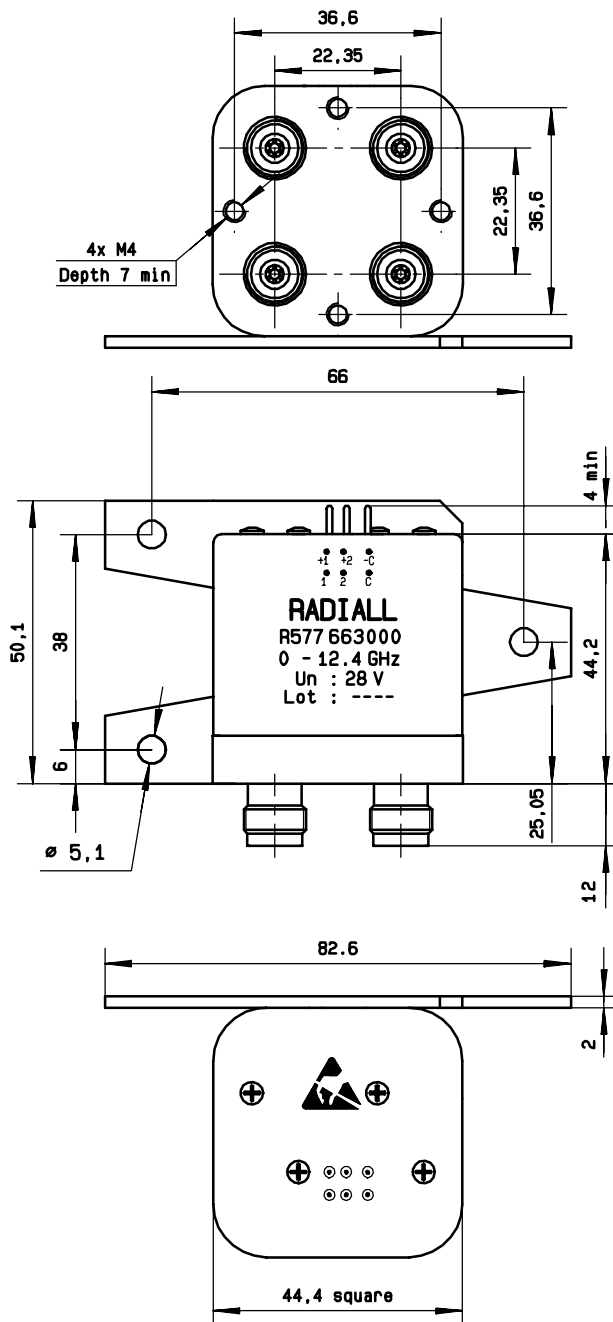
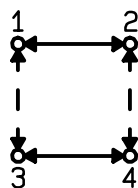
(* : average power at 25° C)

DRAWING

General tolerance: $\pm 0,5$ mm

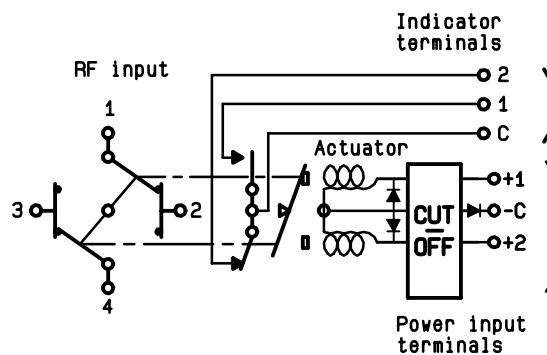
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Page
2/2



SCHEMATIC DIAGRAM

Voltage	RF continuity	Indicator
- C + 1	1 ↔ 3 2 ↔ 4	C . 1
- C + 2	1 ↔ 2 3 ↔ 4	C . 2



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