

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



3 GHz N LATCHING TRANSFER SWITCH

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OPTIONS: INDICATOR /SELF CUT-OFF / TTL DRIVE

R F CHARACTERISTICS

FREQUENCY RANGE : 0 - 3 GHz
IMPEDANCE : 50 Ohms

FREQUENCY (GHz)	0 - 1	1 - 2	2 - 3
V.S.W.R <=	1.15	1.20	1.25
INSERT. LOSS <=	0.15 dB	0.20 dB	0.25 dB
ISOLATION >=	85 dB	80 dB	75 dB
AVER. POWER (*)	700 W	500 W	400 W

ELECTRICAL CHARACTERISTICS

ACTUATOR : LATCHING
NOMINAL CURRENT AT 25° C (±10%) : 320 mA
ACTUATOR VOLTAGE (V_{CC}) : 12V (10.2 to 13V)/NEGATIVE COMMON
TERMINALS : D-sub 9 pins
INDICATOR RATING : 1 W / 30 V / 100 mA
SELF CUT-OFF TIME : 40 ms < CT < 120 ms
TTL INPUTS (E) - High level : 2.2 to 5.5V / 800µA at 5V
- Low level : 0 to 0.8V / 20µA at 0.8V

MECHANICAL CHARACTERISTICS

CONNECTORS : N 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

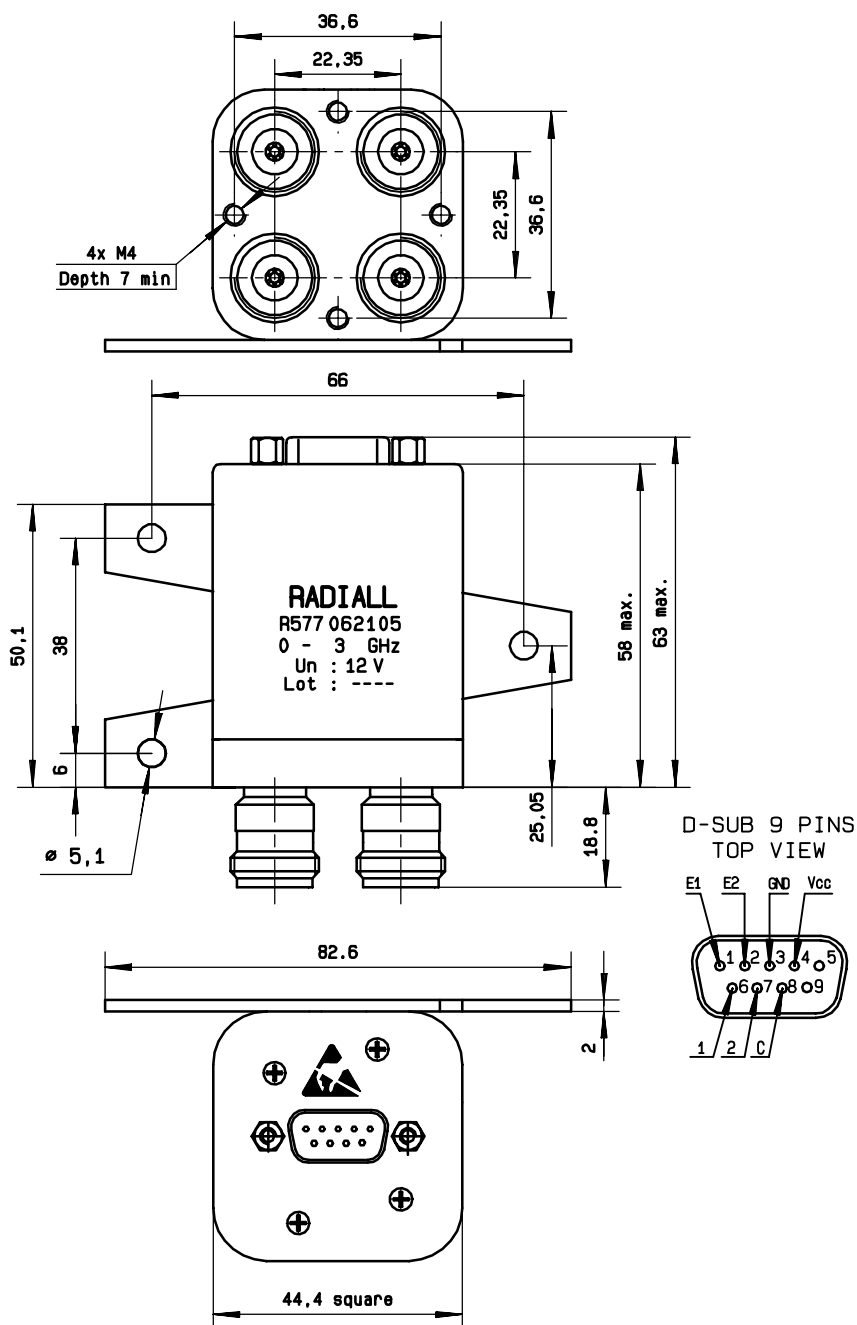
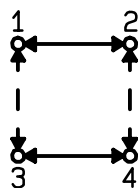
(* : average power at 25° C)

DRAWING

General tolerance: ± 0,5 mm

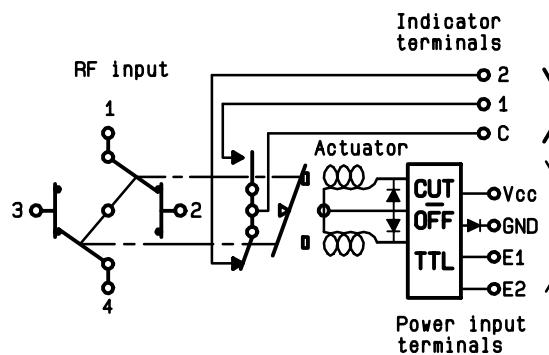
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SCHEMATIC DIAGRAM

TTL input	RF continuity	Indicator
E1=1 E2=0	1↔3 2↔4	C . 1
E1=0 E2=1	1↔2 3↔4	C . 2
E1=0 E2=0	Memory	—
E1=1 E2=1	Forbidden	—



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