

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



18 GHz

SMA

LATCHING

TRANSFER

SWITCH

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OPTIONS: /SELF CUT-OFF

R F CHARACTERISTICS

FREQUENCY RANGE : 0 - 18 GHz

IMPEDANCE : 50 Ohms

FREQUENCY (GHz)	0 - 3	3 - 8	8 -12.4	12.4- 18
V.S.W.R <=	1.20	1.30	1.40	1.50
INSERT. LOSS <=	0.20 dB	0.30 dB	0.40 dB	0.50 dB
ISOLATION >=	80 dB	70 dB	65 dB	60 dB
AVER. POWER (*)	240 W	150 W	120 W	100 W

ELECTRICAL CHARACTERISTICS

ACTUATOR : LATCHING
NOMINAL CURRENT AT 25°C (±10%) : 320 mA
ACTUATOR VOLTAGE (Vcc) : 12V (10.2 to 13V)/ NEGATIVE COMMON
TERMINALS : solder pins (250 Deg.C max./30 sec)
SELF CUT-OFF TIME : 40 ms < CT < 120 ms

MECHANICAL CHARACTERISTICS

CONNECTORS : SMA female per MIL C 39012
LIFE : 2.500.000 cycles
SWITCHING TIME (nominal voltage;25°C) : < 15 ms
CONSTRUCTION : splashproof
WEIGHT : < 85 g

ENVIRONMENTAL CHARACTERISTICS

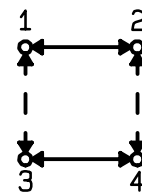
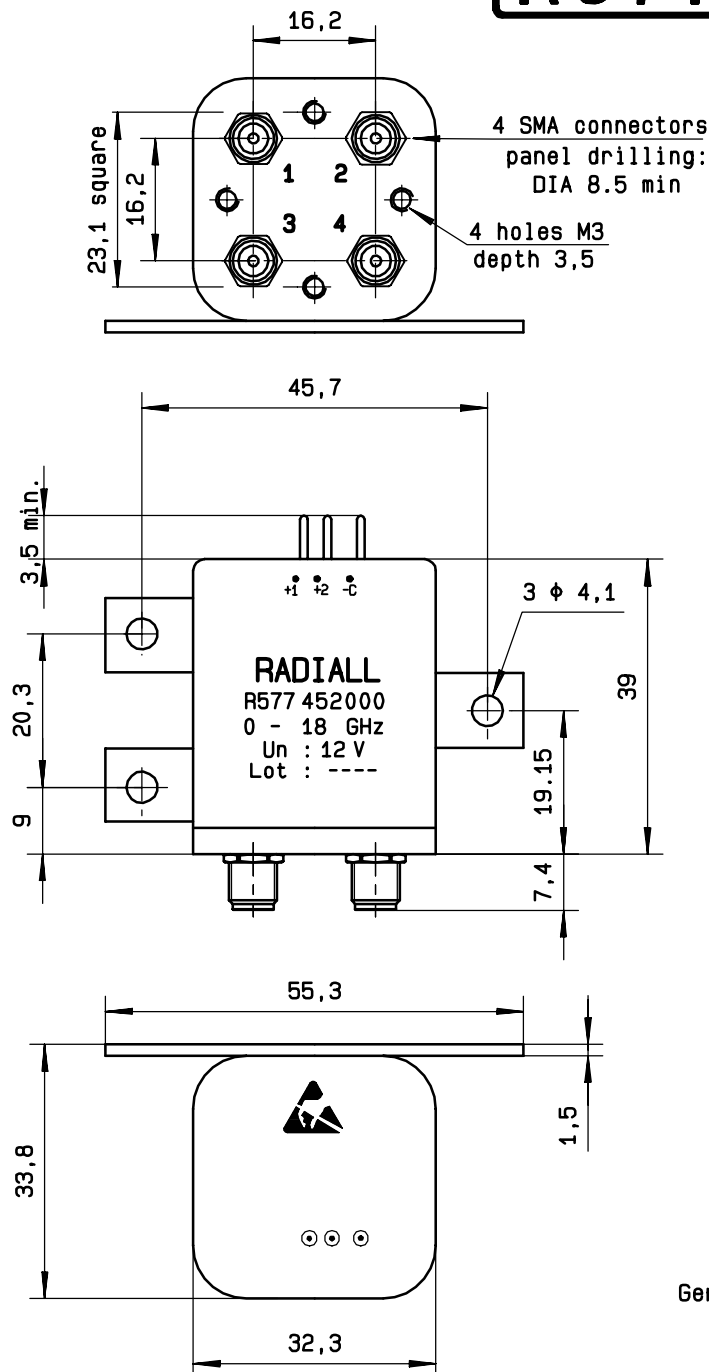
OPERATING TEMPERATURE RANGE (°C) : -40 , +85
STORAGE TEMPERATURE RANGE (°C) : -55 , +85

(* : average power at 25°C)

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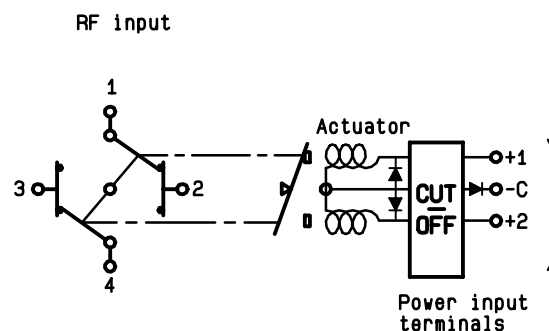
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DRAWING



SCHEMATIC DIAGRAM

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



ISSUE 22. jan.08