

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

Page
1 / 2

OPTIONS: / TTL DRIVE

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)

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 : SMA female per MIL C 39012

LIFE : 2.500.000 cycles

SWITCHING TIME (nominal voltage;25°C) : < 15 ms

CONSTRUCTION : splashproof

WEIGHT : < 85 g

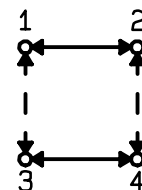
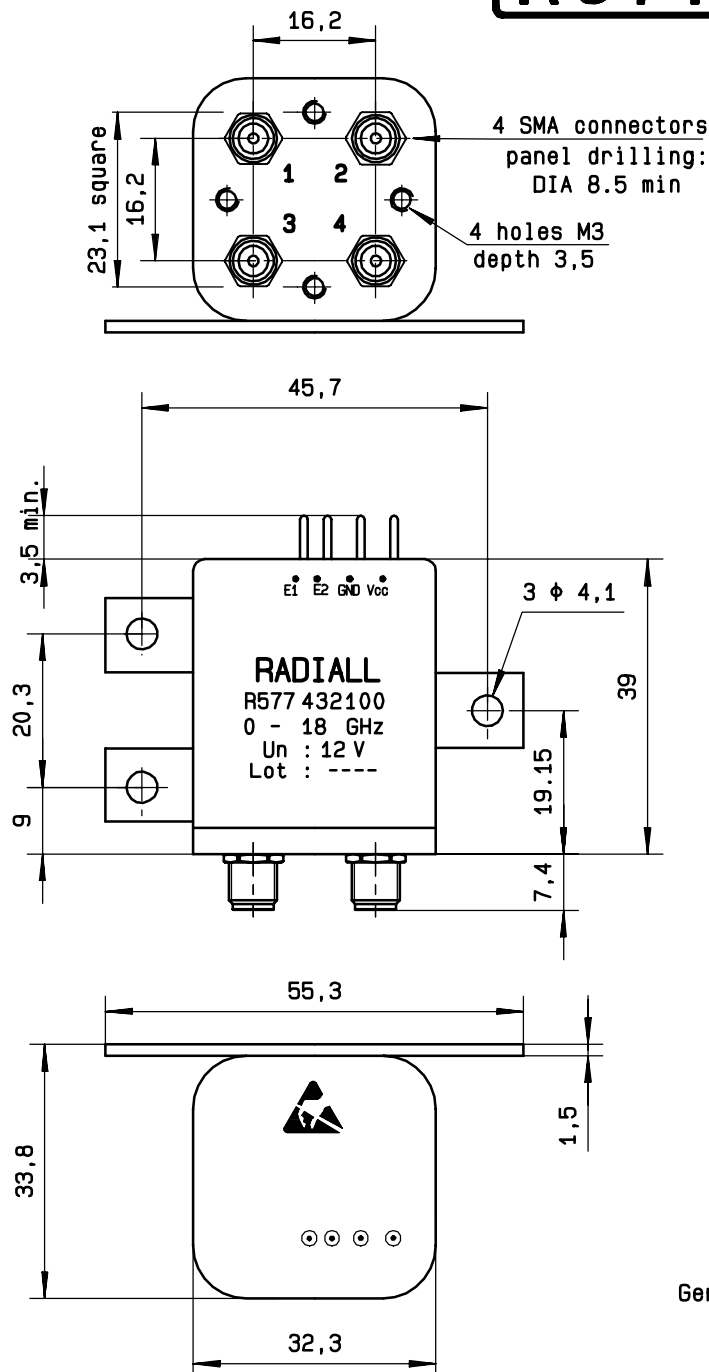
ENVIRONMENTAL CHARACTERISTICS

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

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

(* : average power at 25°C)

DRAWING



General tolerance: $\pm 0,5$ mm

SCHEMATIC DIAGRAM

TTL input	RF continuity
E1=1 E2=0	1↔3 2↔4
E1=0 E2=1	1↔2 3↔4
E1=0 E2=0	Memory
E1=1 E2=1	Forbidden

