

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

FAILSAFE

TRANSFER

SWITCH

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OPTIONS: INDICATOR / 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 : FAILSAFE
NOMINAL CURRENT AT 25°C (±10%) : 140 mA
ACTUATOR VOLTAGE (Vcc) : 28V (24 to 30V)
TERMINALS : solder pins (250 Deg.C max./30 sec)
INDICATOR RATING : 1 W / 30 V / 100 mA
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

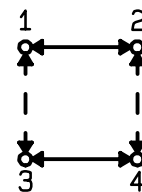
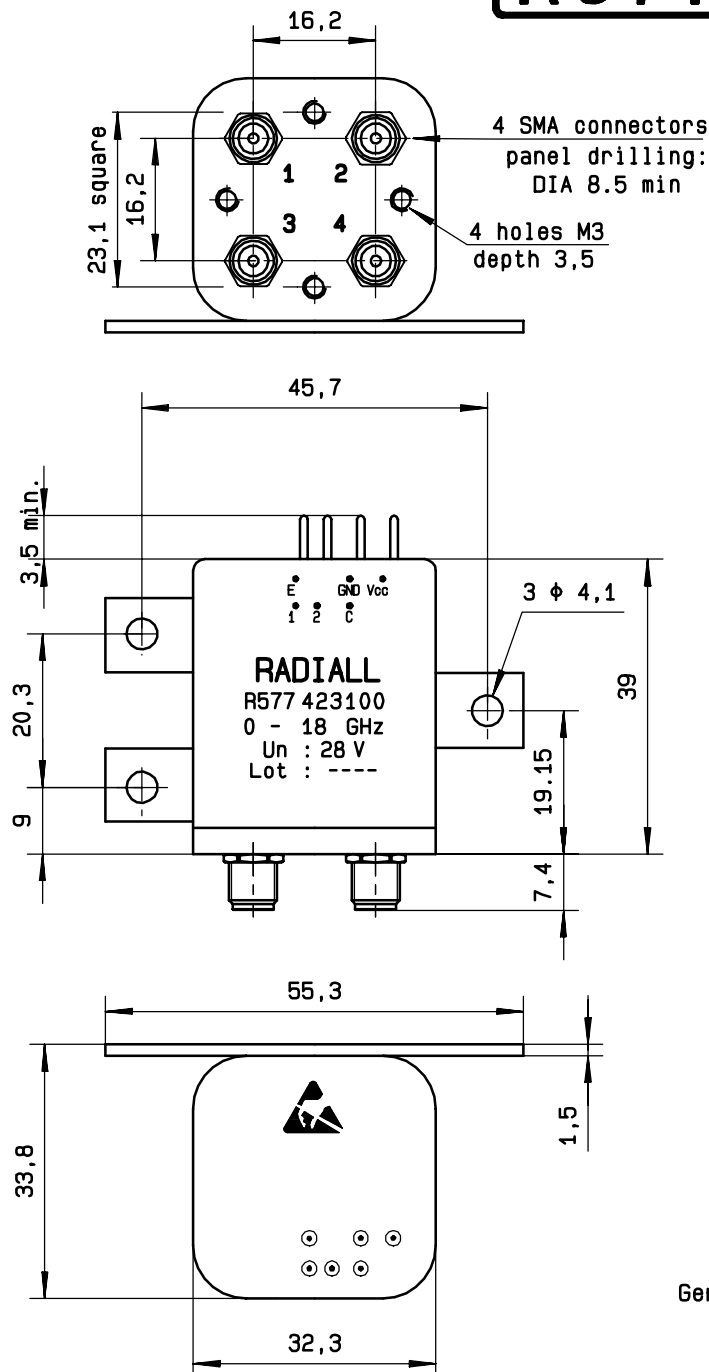
CONNECTORS : SMA female per MIL C 39012
LIFE : 2.500.000 cycles
SWITCHING TIME (nominal voltage;25°C) : < 15 ms
CONSTRUCTION : splashproof
WEIGHT : < 85 g

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	Indicator
E=1	1 ↔ 3 2 ↔ 4	C . 1
E=0	1 ↔ 2 3 ↔ 4	C . 2

