



50Ω TERMINATED 18 GHz SMA LATCHING D.P.3.T. SWITCH

Page
1 / 2

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	60 dB	60 dB
AVER. POWER (*)	240 W	150 W	120 W	100 W

ELECTRICAL CHARACTERISTICS

ACTUATOR : LATCHING
NOMINAL CURRENT AT 25°C (±10%) : 160 mA
ACTUATOR VOLTAGE (Vcc) : 28V (24 to 30V) / NEGATIVE COMMON
TERMINALS : solder pins (250°C max./30 sec.)
SELF CUT-OFF TIME : 40 ms < CT < 120 ms

MECHANICAL CHARACTERISTICS

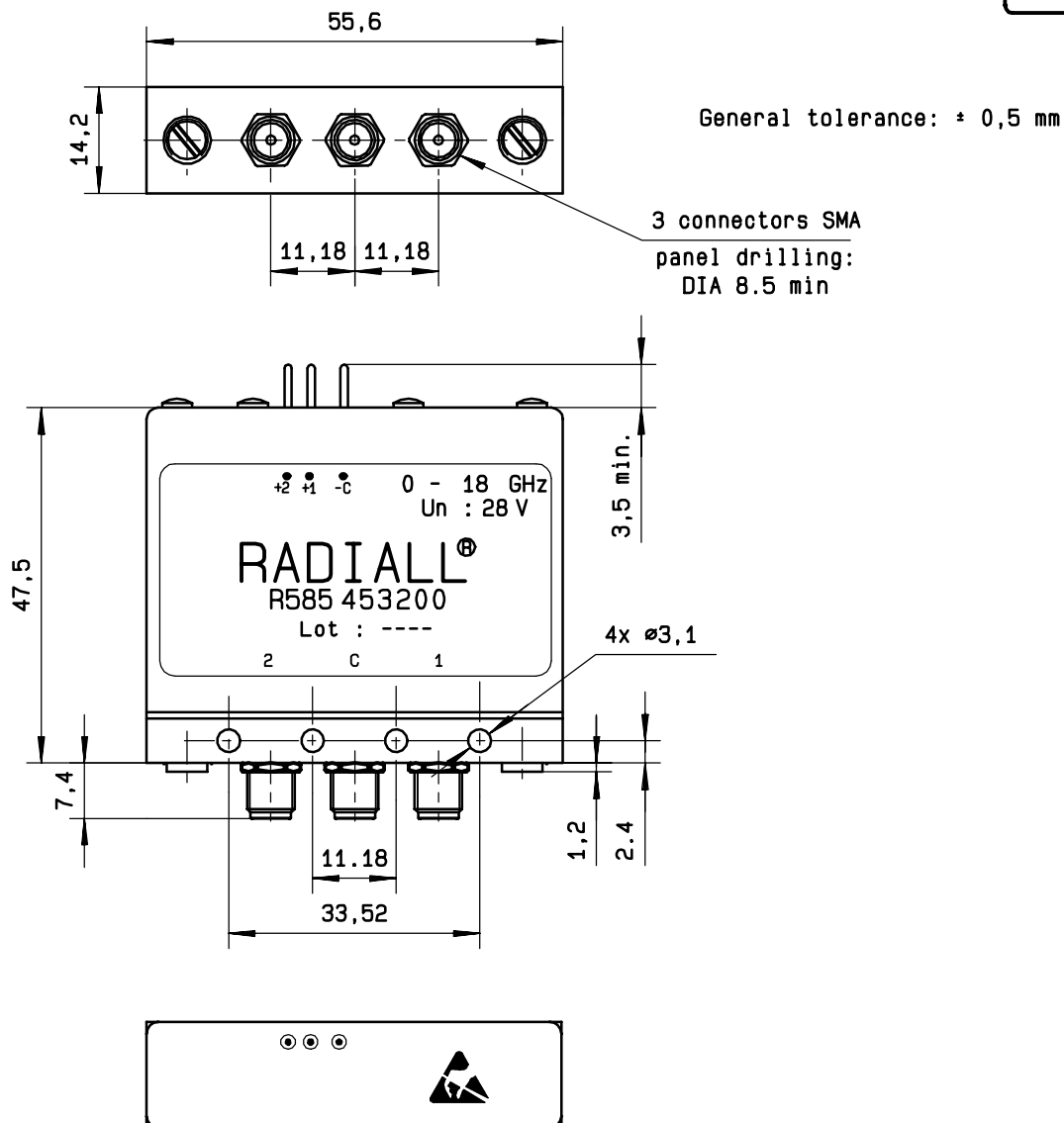
CONNECTORS : SMA female per MIL C 39012
LIFE : 2.000.000 cycles
SWITCHING TIME (nominal voltage;25°C) : < 10 ms
CONSTRUCTION : splashproof
WEIGHT : < 100 g

ENVIRONMENTAL CHARACTERISTICS

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

(* : average power at 25°C)

DRAWING



SCHEMATIC DIAGRAM

Voltage	RF continuity
- C + 1	C $\leftrightarrow$ 1 / 2 $\leftrightarrow$ 50 Ω
- C + 2	C $\leftrightarrow$ 2 / 1 $\leftrightarrow$ 50 Ω

