

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



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

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OPTIONS :

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%) : 420 mA
ACTUATOR VOLTAGE (Vcc) : 12V (10 to 13V) / NEGATIVE COMMON
TERMINALS : solder pins (250°C max./30 sec.)

MECHANICAL CHARACTERISTICS

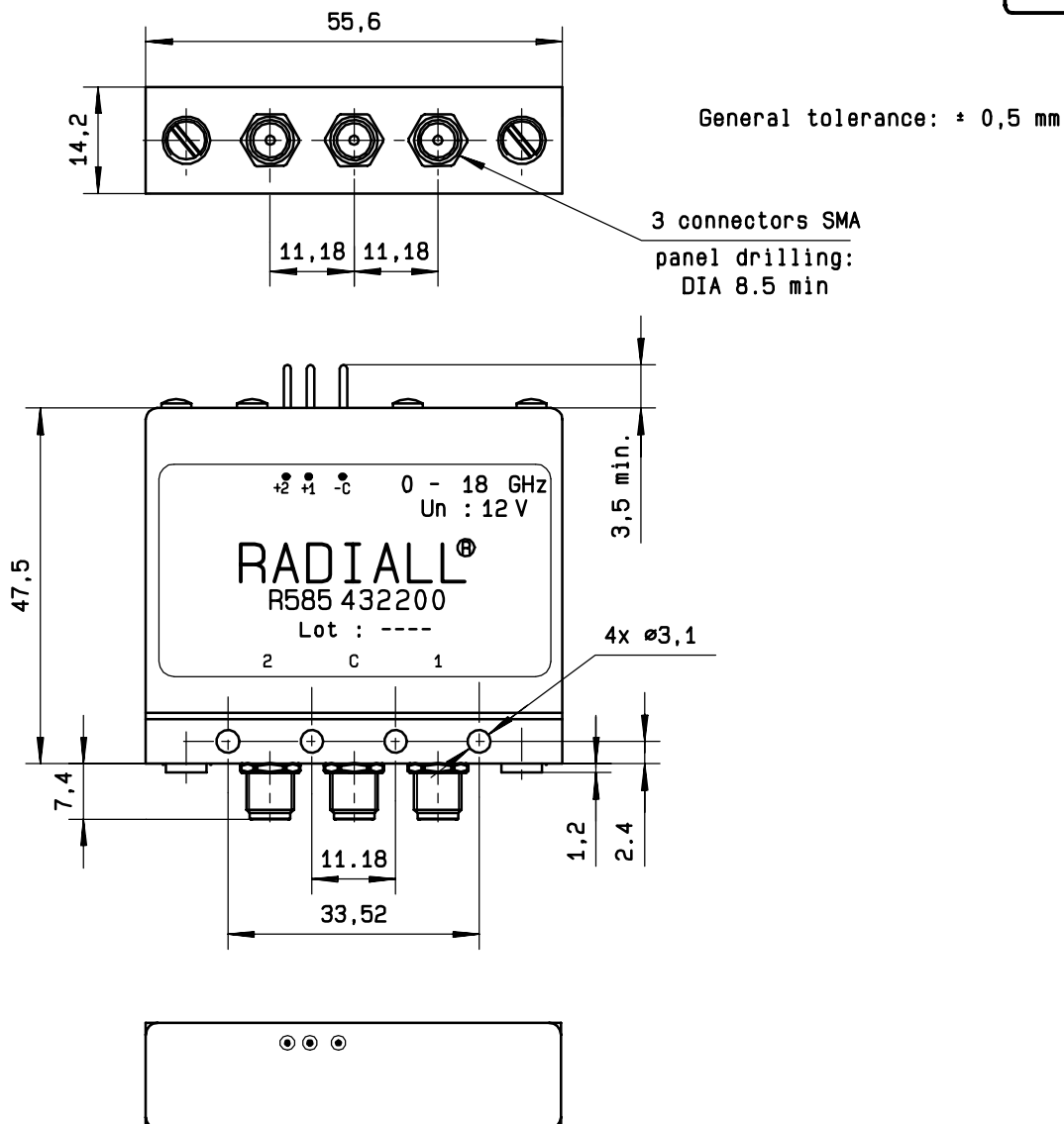
CONNECTORS : SMA female per MIL C 39012
LIFE : 2.000.000 cycles
SWITCHING TIME (nominal voltage;25°C) : < 10 ms
CONSTRUCTION : splashproof
WEIGHT : < 100 g

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

