

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    D.P.3.T.    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	60 dB	60 dB
AVER. POWER (*)	120 W	80 W	60 W	50 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 : 10.000.000 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

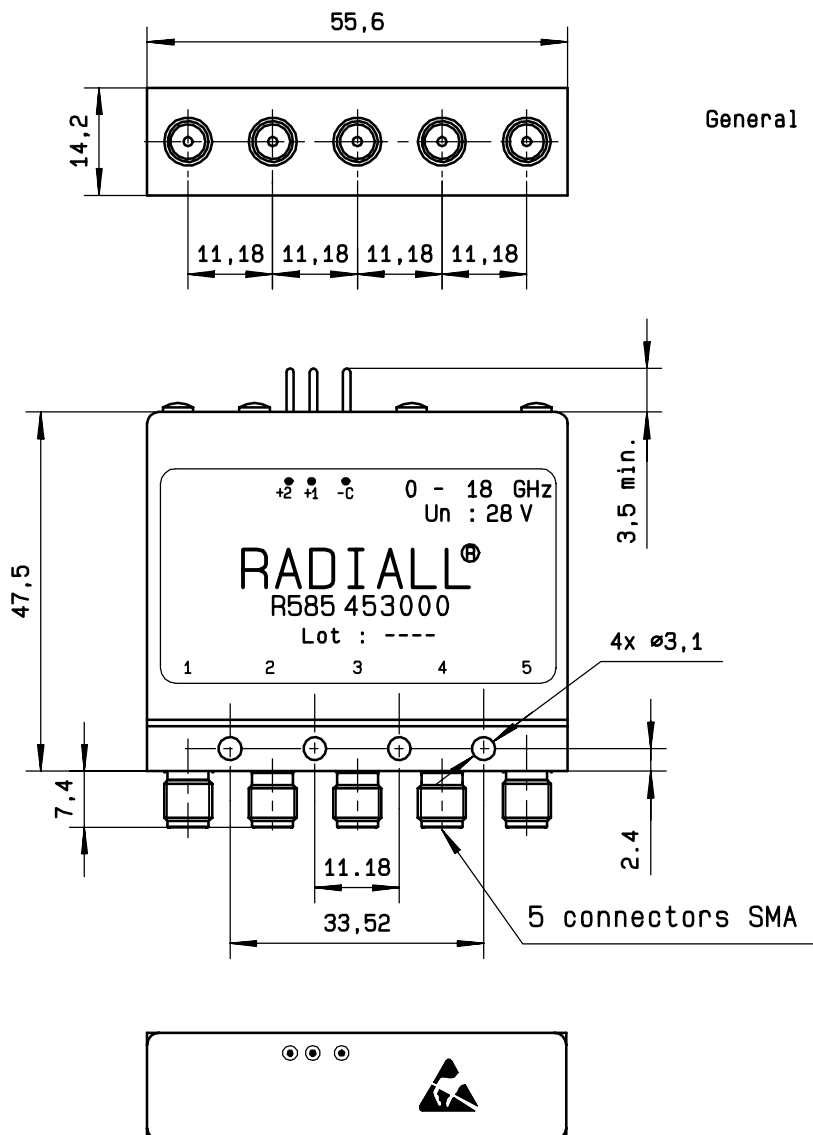
(\* : average power at 25°C)

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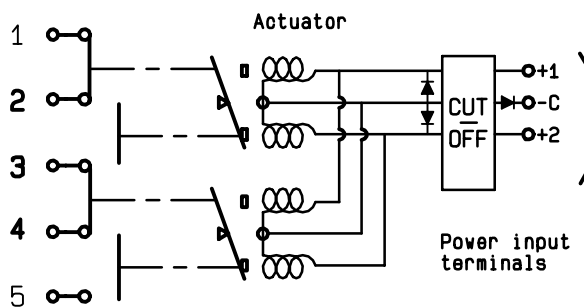
DRAWING



SCHEMATIC DIAGRAM

Voltage	RF continuity
- C + 1	1 ↔ 2 / 3 ↔ 4
- C + 2	2 ↔ 3 / 4 ↔ 5

RF input



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