

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:

### 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)

### 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

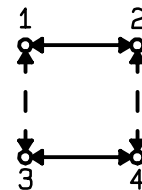
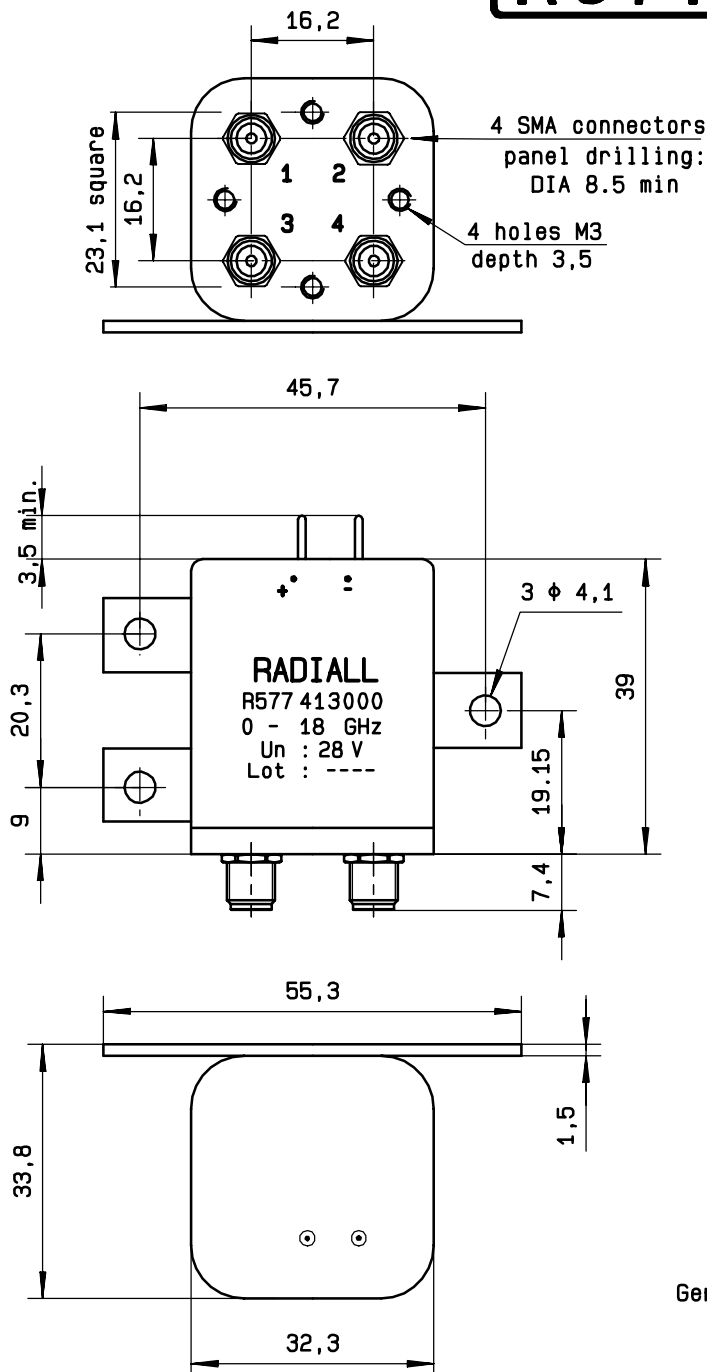
(\* : average power at 25° C)

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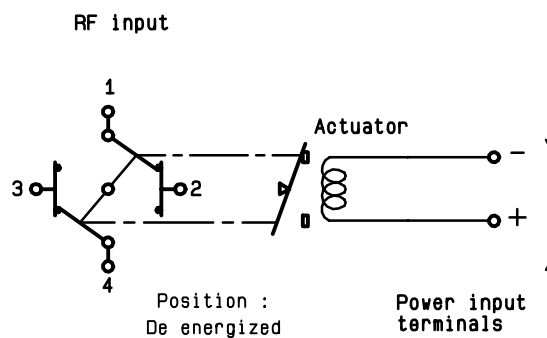
DRAWING



General tolerance:  $\pm 0,5$  mm

SCHEMATIC DIAGRAM

Voltage	RF continuity
energized	1 $\leftrightarrow$ 3 2 $\leftrightarrow$ 4
De-energized	1 $\leftrightarrow$ 2 3 $\leftrightarrow$ 4



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