PAGE **1/2**	ISSUE **22-03-22**	SERIE : **DPDT**	PART NUMBER : **R577143030**

RF CHARACTERISTICS

Frequency range   : **0 - 12.4 GHz**

Impedance   : **50 Ohms**

Frequency (GHz)	**DC - 1**	**1 - 2**	**2 - 3**	**3 - 8**	**8 - 12.4**
VSWR max	**1.15**	**1.20**	**1.25**	**1.35**	**1.50**
Insertion loss max	**0.15 dB**	**0.20 dB**	**0.25 dB**	**0.35 dB**	**0.50 dB**
Isolation min	**85 dB**	**80 dB**	**75 dB**	**70 dB**	**60 dB**
Average power (*)	**700 W**	**500 W**	**400 W**	**250 W**	**200 W**

ELECTRICAL CHARACTERISTICS

Actuator : **LATCHING**

Nominal current ** : **125 mA**

Actuator voltage (Vcc) : **28V (24 to 30V) / NEGATIVE COMMON**

Terminals : **solder pins (250°C max. / 30 sec.)**

Indicator rating : **1 W / 30 V / 100 mA**

MECHANICAL CHARACTERISTICS

Connectors : **N female per MIL-C 39012**

Life : **2.5 million cycles**

Switching Time*** : **< 15 ms**

Construction : **Splashproof**

Weight : **< 215 g**

ENVIRONMENTAL CHARACTERISTICS

Operating temperature range : **-40°C to +85°C**

Storage temperature range : **-55°C to +85°C**

(*   Average power at 25°C per RF Path)
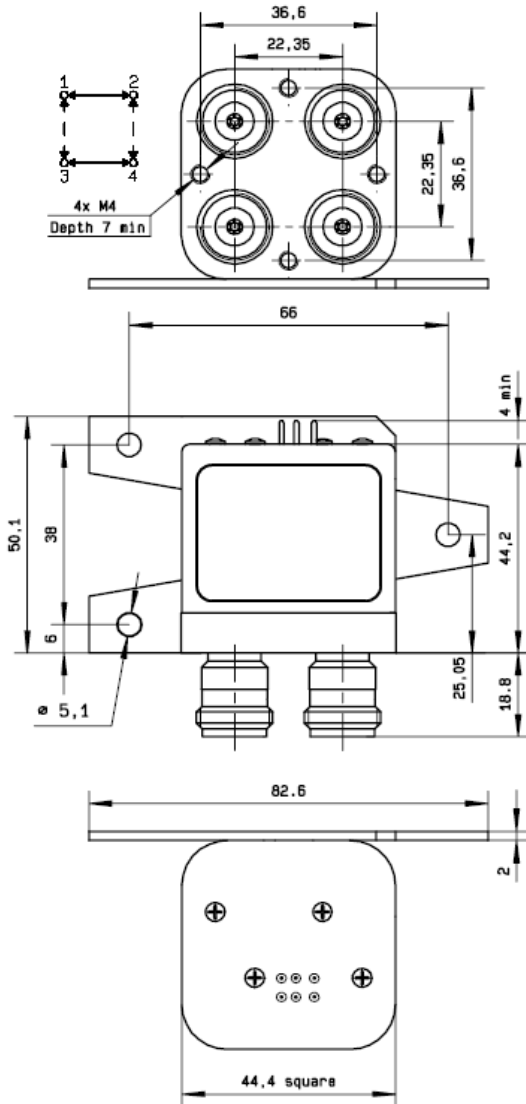
(**   At 25° C ±10%)

(***   Nominal voltage ; 25° C)

DRAWING

LABEL
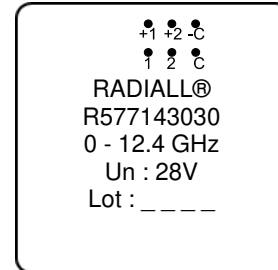
RADIALL®
R577143030
0 - 12.4 GHz
Un : 28V
Lot : _ _ _ _

General tolerances : ±0,5 mm [0,02 in]

SCHEMATIC DIAGRAM
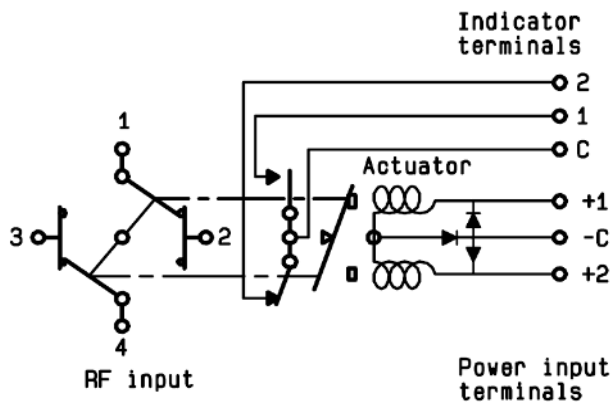
Voltage	RF Continuity	Ind.
-C +1	1 ↔ 3 / 2 ↔ 4	C.1
-C +2	1 ↔ 2 / 3 ↔ 4	C.2