Technical Data Sheet

DPDT Ramses N 12.4GHz Latching Self-cut-off Indicators 28Vdc
Diodes Pins Terminals

PAGE **1/2**	ISSUE **22-03-22**	SERIE : **DPDT**	PART NUMBER : **R577163002**

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**
Self cut-off time : **40 ms < CT < 120 ms**

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)

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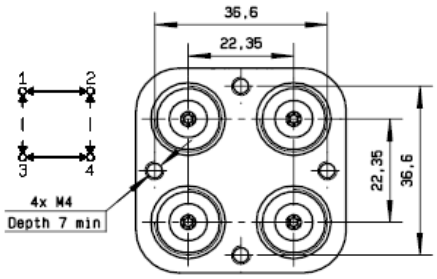
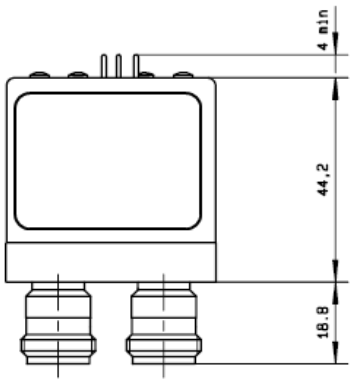
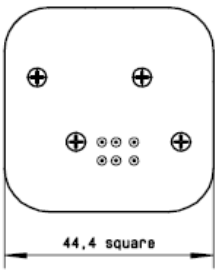
DRAWING

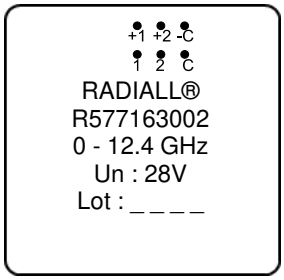




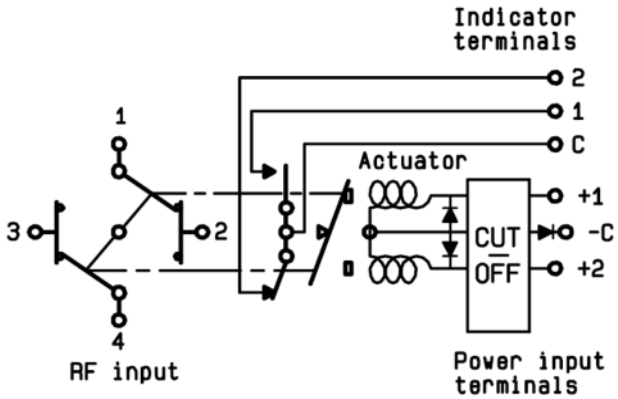


General tolerances : ±0,5 mm [0,02 in]

LABEL



SCHEMATIC DIAGRAM



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

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