Technical Data Sheet



DPDT Ramses N 12.4GHz Latching 12Vdc Pins Terminals with bracket

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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 ** : 320 mA

Actuator voltage (Vcc) : 12V (10.2 to 13V) / NEGATIVE COMMON Terminals : solder pins (250°C max. / 30 sec.)

MECHANICAL CHARACTERISTICS

Connectors : N female per MIL-C 39012

Life : 2.5 million cycles

Switching Time*** : < 15 msConstruction : 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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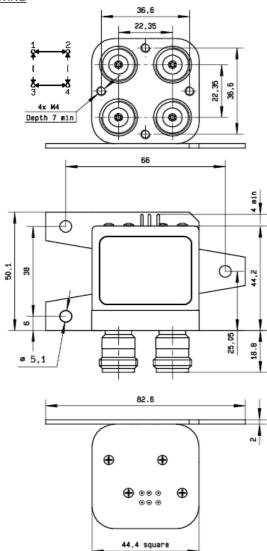
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DPDT Ramses N 12.4GHz Latching 12Vdc Pins Terminals with bracket

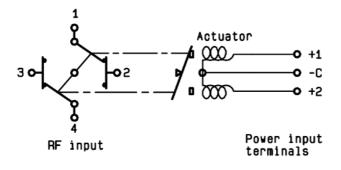
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DRAWING



General tolerances: ±0,5 mm [0,02 in]

SCHEMATIC DIAGRAM



LABEL+↑ +2 •c

RADIALL® R577132000 0 - 12.4 GHz Un : 12V

Lot : _ _ _

Voltage	RF Continuity		
-C +1	$1 \leftrightarrow 3 / 2 \leftrightarrow 4$		
-C +2	$1 \leftrightarrow 2 / 3 \leftrightarrow 4$		

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