Technical Data Sheet



DPDT Ramses N 3GHz Failsafe 12Vdc TTL Diodes Pins Terminals

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RF CHARACTERISTICS

Frequency range : 0 - 3 GHz Impedance : 50 Ohms

Frequency (GHz)	DC - 1	1 - 2	2 - 3
VSWR max	1.15	1.20	1.25
Insertion loss max	0.15 dB	0.20 dB	0.25 dB
Isolation min	85 dB	80 dB	75 dB
Average power (*)	700 W	500 W	400 W

ELECTRICAL CHARACTERISTICS

Actuator : FAILSAFE
Nominal current ** : 340 mA

Actuator voltage (Vcc) : 12V (10.2 to 13V)

Terminals : solder pins (250°C max. / 30 sec.)
TTL inputs (E) - High level : 2.2 to 5.5 V / 800µA at 5.5 V

- Low level : 0 to 0.8 V / 20µA at 0.8 V

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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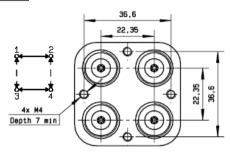
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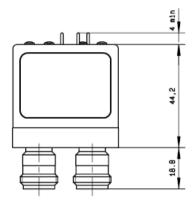


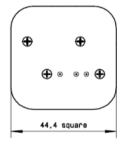
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DRAWING



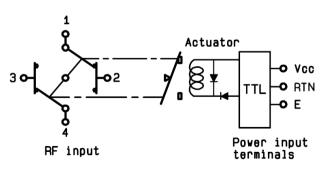




General tolerances: ±0,5 mm [0,02 in]

SCHEMATIC DIAGRAM

Position: De energized





LABEL

RADIALL®
R577012102
0 - 3 GHz
Un : 12V
Lot : _ _ _ _

TTL input RF Continuity $E = 1 \qquad 1 \leftrightarrow 3 / 2 \leftrightarrow 4$ $E = 0 \qquad 1 \leftrightarrow 2 / 3 \leftrightarrow 4$