Technical Data Sheet



DPDT Ramses N 12.4GHz Failsafe Indicators 12Vdc TTL Diodes D-sub connector

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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 : FAILSAFE
Nominal current ** : 340 mA

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

Terminals : 9 pins D-SUB male connector

Indicator rating : 1 W / 30 V / 100 mA

TTL inputs (E) - High level : 2.2 to 5.5 V / 800µA at 5.5 V

- Low level : 0 to 0.8 V / 20 μ A at 0.8 V

MECHANICAL CHARACTERISTICS

Connectors : N female per MIL-C 39012

Life : 2.5 million cycles

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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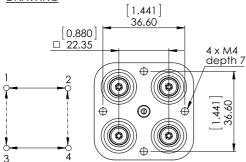
Technical Data Sheet

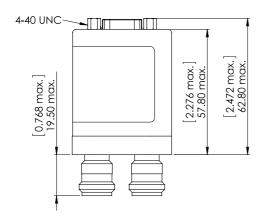


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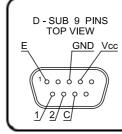
DRAWING



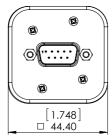




LABEL

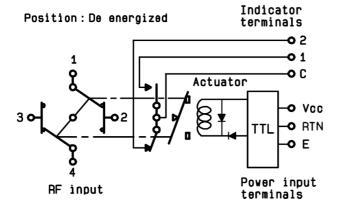


RADIALL® R577122107 0 - 12.4 GHz Un : 12V Lot : _ _ _



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

SCHEMATIC DIAGRAM



TTL input	RF Continuity	Ind.
E = 1	$1 \leftrightarrow 3 / 2 \leftrightarrow 4$	C.1
E = 0	$1 \leftrightarrow 2 / 3 \leftrightarrow 4$	C.2

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