Technical Data Sheet



DPDT Ramses N 12.4GHz Latching 28Vdc D-sub connector 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 ** : 125 mA

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

Terminals : 9 pins D-SUB male connector

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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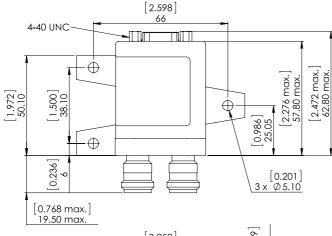
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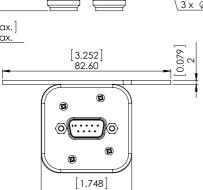


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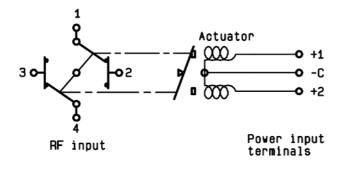
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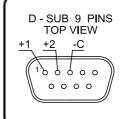


General tolerances: ±0,5 mm [0,02 in]

SCHEMATIC DIAGRAM



LABEL



RADIALL® R577133005 0 - 12.4 GHz Un : 28V Lot : ____

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