# **Technical Data Sheet**



DPDT Ramses N 3GHz Latching Indicators 12Vdc Diodes D-sub connector

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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 : LATCHING
Nominal current \*\* : 320 mA

Actuator voltage (Vcc) : 12V (10.2 to 13V) / NEGATIVE COMMON

Terminals : 9 pins D-SUB male connector

Indicator rating : 1 W / 30 V / 100 mA

### 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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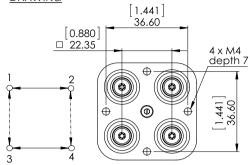
# **Technical Data Sheet**

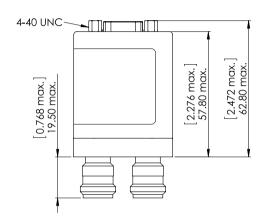


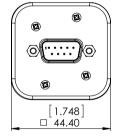
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#### **DRAWING**

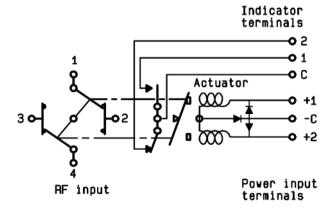






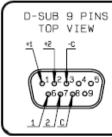
General tolerances: ±0,5 mm [0,02 in]

### SCHEMATIC DIAGRAM





# LABEL



RADIALL® R577042037 0 - 3 GHz Un : 12V Lot : \_\_\_\_

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

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