# **Technical Data Sheet**



DPDT Ramses N 12.4GHz Failsafe 12Vdc Diodes 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 : FAILSAFE
Nominal current \*\* : 340 mA

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

Terminals : 9 pins D-SUB male connector

#### 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)



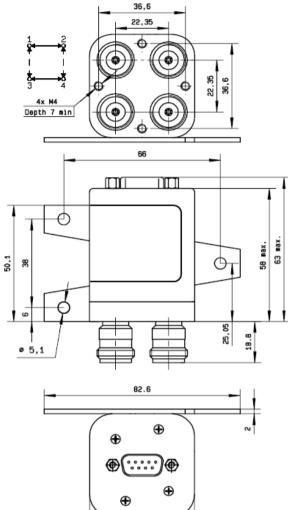
## **Technical Data Sheet**



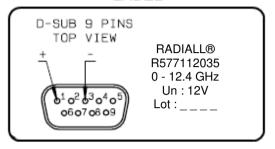
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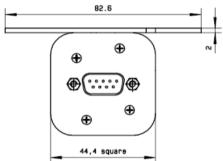
#### **DRAWING**



## LABEL



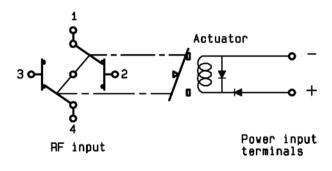




General tolerances: ±0.5 mm

### SCHEMATIC DIAGRAM

## Position: De energized



Voltage	RF Continuity		
energized	1 ↔ 3 / 2 ↔ 4		
De-energized	$1 \leftrightarrow 2 / 3 \leftrightarrow 4$		

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