# **Technical Data Sheet**



DPDT Ramses N 12.4GHz Latching 28Vdc Pins Terminals 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 : solder pins (250°C max. / 30 sec.)

### 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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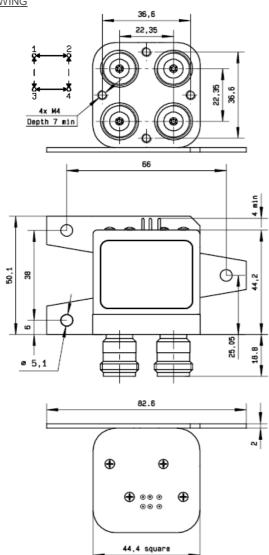
# **Technical Data Sheet**



DPDT Ramses N 12.4GHz Latching 28Vdc Pins Terminals with bracket

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### **DRAWING**



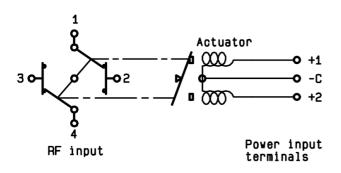
LABEL

+1 +2 -C

RADIALL® R577133000 0 - 12.4 GHz Un : 28V Lot : \_ \_ \_

General tolerances: ±0,5 mm [0,02 in]

## SCHEMATIC DIAGRAM



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