# **Technical Data Sheet**



DPDT Ramses DIN 2.5GHz Latching Indicators 28Vdc Pins Terminals with bracket

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### RF CHARACTERISTICS

Frequency range : 0 - 2.5 GHz Impedance : 75 Ohms

Frequency (GHz)	DC - 1	1 - 2.5
VSWR max	1.20	1.30
Insertion loss max	0.20 dB	0.30 dB
Isolation min	80 dB	70 dB
Average power (*)	400 W	240 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.)

Indicator rating : 1 W / 30 V / 100 mA

## MECHANICAL CHARACTERISTICS

Connectors : 1.6/5.6 female per IEC 169-13

Life : 2.5 million cycles

Switching Time\*\*\* : < 15 msConstruction : Splashproof
Weight : < 100 g

# **ENVIRONMENTAL CHARACTERISTICS**

Operating temperature range : -25°C to +70°C
Storage temperature range : -40°C to +85°C

(\* Average power at 25°C per RF Path)

(\*\* At 25° C ±10%)

(\*\*\* Nominal voltage; 25° C)



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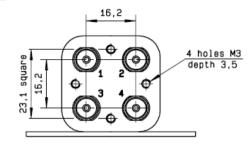
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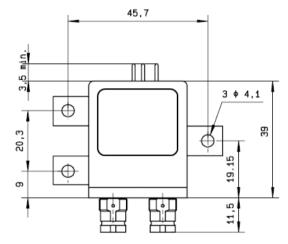


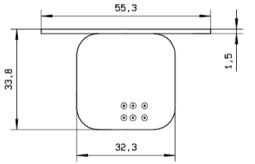
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### **DRAWING**

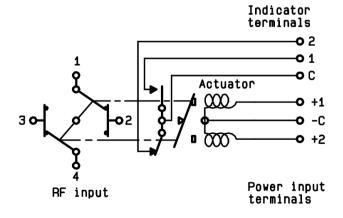






General tolerances: ±0,5 mm [0,02 in]

## SCHEMATIC DIAGRAM



# LABEL 1 1 2 5 RADIALL® R577943000 0 - 2.5 GHz Un : 28V 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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