# **Technical Data Sheet**



DPDT Ramses N 3GHz Failsafe Indicators 28Vdc D-sub connector with bracket

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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 : FAILSAFE
Nominal current \*\* : 140 mA

Actuator voltage (Vcc) : 28V (24 to 30V)

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**



RF input

DPDT Ramses N 3GHz Failsafe Indicators 28Vdc D-sub connector with bracket

PAGE **2/2** ISSUE **24-11-16** SERIE: DPDT PART NUMBER: **R577023005 DRAWING** 36,6 **LABEL** 82 D-SUB 9 PINS Depth 7 min TOP VIEW **RADIALL®** R577023005 0 - 3 GHz Un: 28V  $\Pi\Pi$ Lot : \_ \_ \_ 58 max. 50,1 38 Φ 25,05 ø 5,1 82.6 **⊕**(······)<del>⊕</del> **⊕** General tolerances: ±0.5 mm 44,4 square SCHEMATIC DIAGRAM Indicator Position: De energized terminals **o** 2 **O** 1 Voltage RF Continuity Ind. **O** C Actuator

energized	$1 \leftrightarrow 3 \ / \ 2 \leftrightarrow 4$	C.1
De-energized	$1 \leftrightarrow 2 / 3 \leftrightarrow 4$	C.2

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Power input

terminals