# **Technical Data Sheet**



DPDT Ramses SMA 18GHz Failsafe Indicators 28Vdc Pins Terminals with bracket

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#### RF CHARACTERISTICS

Frequency range : 0 - 18 GHz Impedance : 50 Ohms

Frequency (GHz)	DC - 3	3 - 8	8 - 12.4	12.4 - 18
VSWR max	1.20	1.30	1.40	1.50
Insertion loss max	0.20 dB	0.30 dB	0.40 dB	0.50 dB
Isolation min	80 dB	70 dB	65 dB	60 dB
Average power (*)	240 W	150 W	120 W	100 W

#### **ELECTRICAL CHARACTERISTICS**

Actuator : FAILSAFE
Nominal current \*\* : 140 mA

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

Terminals : solder pins (250°C max. / 30 sec.)

Indicator rating : 1 W / 30 V / 100 mA

### MECHANICAL CHARACTERISTICS

Connectors : SMA female per MIL-C 39012

Life : 2.5 million cycles

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

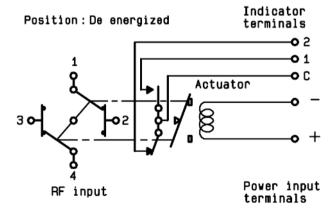


DPDT Ramses SMA 18GHz Failsafe Indicators 28Vdc Pins Terminals with bracket

PAGE **2/2** ISSUE 06-02-18 SERIE: DPDT PART NUMBER: **R577423000 DRAWING** [0.909] 23.10 0.638 <u>□່16.2</u>0 4 x M3 depth 3.50 **LABEL** 1 2 C **RADIALL®** R577423000 0 - 18 GHz Un: 28V Lot : \_ \_ \_ [1.799] [0.138 min.] 45.70 3.50 min.  $\bigoplus$  $\oplus$ 50 0.750] 0.161 3x Ø 4.10 [0.303 max.] 7.70 max. [2.177] 55.30 0.059

General tolerances: ±0,5 mm [0,02 in]

#### SCHEMATIC DIAGRAM



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

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