# **Technical Data Sheet**



DPDT Ramses SMA 18GHz Failsafe Indicators 28Vdc D-sub connector 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 : 9 pins D-SUB male connector

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)



# **Technical Data Sheet**



RF input

DPDT Ramses SMA 18GHz Failsafe Indicators 28Vdc D-sub connector with bracket

**PAGE 2/2** ISSUE 26-01-17 SERIE: DPDT PART NUMBER: **R577423005 DRAWING** [0.909] 23.10 0.638 □ 16.20 4 x M3 depth 3.50 **LABEL** [0.909] 23.10 D-SUB 9 PINS TOP VIEW **RADIALL®** R577423005 0 - 18 GHz [1.799] 45.70 610263040 Un: 28V Lot : \_ \_ \_ \_ [0.161] ПП 3 x ♥ 4.10 [2.205 max.] 56 max. [2.008 max.] 51 max. [0.303 max.] 7.70 max. [0.799] 20.30  $\phi$  $\oplus$ [0.350] 8.90 [2.177] 55.30 4-40 UNC (O) 1.276 □ 32.40 General tolerances: ±0,5 mm [0,02 in] SCHEMATIC DIAGRAM Indicator Position: De energized terminals RF Continuity Voltage Ind. 0 1 C.1 energized De-energized  $1 \leftrightarrow 2 \ / \ 3 \leftrightarrow 4$ Actuator Power input

terminals