# **Technical Data Sheet**



DPDT Ramses SMA 3GHz Latching Indicators 28Vdc D-sub connector with bracket

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#### RF CHARACTERISTICS

Frequency range : 0 - 3 GHz Impedance : 50 Ohms

Frequency (GHz)	DC - 3
VSWR max	1.20
Insertion loss max	0.20 dB
Isolation min	80 dB
Average power (*)	240 W

#### **ELECTRICAL CHARACTERISTICS**

Actuator : LATCHING
Nominal current \*\* : 125 mA

Actuator voltage (Vcc) : 28V (24 to 30V) / NEGATIVE COMMON

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

## **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 3GHz Latching Indicators 28Vdc D-sub connector with bracket

PAGE **2/2** ISSUE 10-05-19 SERIE: DPDT PART NUMBER: **R577343005 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®** -C R577343005 0 - 3 GHz [1.799] 45.70 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 terminals **o** 2 RF Continuity Voltage Ind. C.1 **o** 1 -C -C +2  $1 \leftrightarrow 2 \ / \ 3 \leftrightarrow 4$ **O** C Actuator -C Power input terminals RF input