# **Technical Data Sheet**



DPDT Ramses SMA 3GHz Failsafe Indicators 12Vdc TTL Diodes 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 : FAILSAFE
Nominal current \*\* : 340 mA

Actuator voltage (Vcc) : 12V (10.2 to 13V)

Terminals : 9 pins D-SUB male connector

Indicator rating : 1 W / 30 V / 100 mA

TTL inputs (E) - High level : 2.2 to 5.5 V / 800μA at 5.5 V

- Low level : 0 to 0.8 V / 20µA at 0.8 V

## MECHANICAL CHARACTERISTICS

Connectors : SMA female per MIL-C 39012

Life : 2.5 million cycles

Switching Time\*\*\* : < 15 ms

Construction : 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)







RF input

DPDT Ramses SMA 3GHz Failsafe Indicators 12Vdc TTL Diodes D-sub connector with bracket

PART NUMBER: **R577322105** PAGE **2/2** ISSUE 10-07-19 SERIE: DPDT **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®** GND Vcc R577322105 0 - 3 GHz [1.799] 45.70 00000 Un: 12V Lot : \_ \_ \_ \_ ρο [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 TTL input Ind. **O** 1 C.1 E = 1O C E = 01 ↔ 2 / Actuator O Vcc O RTN **-**0 E

Power input

terminals