# **Technical Data Sheet**



DPDT Ramses SMA 26.5GHz Failsafe Indicators 28Vdc D-sub connector with bracket

PAGE 1/2 ISSUE 22-03-22 SERIE : DPDT PART NUMBER : R577F23005

#### RF CHARACTERISTICS

Frequency range : 0 - 26.5 GHz Impedance : 50 Ohms

Frequency (GHz)	DC - 3	3 - 8	8 - 12.4	12.4 - 18	18 - 26.5
VSWR max	1.20	1.30	1.40	1.50	1.70
Insertion loss max	0.20 dB	0.30 dB	0.40 dB	0.50 dB	0.70 dB
Isolation min	80 dB	70 dB	65 dB	60 dB	50 dB
Average power (*)	240 W	150 W	120 W	100 W	40 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 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)



# **Technical Data Sheet**



RF input

DPDT Ramses SMA 26.5GHz Failsafe Indicators 28Vdc D-sub connector with bracket

**PAGE 2/2** ISSUE **22-03-22** SERIE: DPDT PART NUMBER: R577F23005 **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®** R577F23005 0 - 26.5 GHz [1.799] 45.70 0 0 Un: 28V Lot : \_ \_ \_ \_ [0.161] 3 x Ø 4.10 ПП [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. C.1 01 energized 1 ↔ 2 / 3 ↔ 4 De-energized Actuator

Power input terminals