



DPDT Ramses SMA2.9 40GHz Latching Self-cut-off Indicators 28Vdc
Positive common Diodes D-sub connector

PAGE 1/2 ISSUE 16-03-16 SERIE : DPDT PART NUMBER : R577863017

## RF CHARACTERISTICS

Frequency range : 0 - 40 GHz Impedance : 50 Ohms

Frequency (GHz)	DC - 6	6 - 12.4	12.4 - 18	18 - 26.5	26.5 - 40
VSWR max	1.30	1.40	1.50	1.70	1.90
Insertion loss max	0.30 dB	0.40 dB	0.50 dB	0.70 dB	0.80 dB
Isolation min	70 dB	60 dB	60 dB	55 dB	50 dB
Average power (*)	80 W	60 W	50 W	20 W	10 W

## **ELECTRICAL CHARACTERISTICS**

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

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

Terminals : 9 pins D-SUB male connector

 $\label{eq:localization} \begin{array}{ll} \text{Indicator rating} & : \ 1 \ \text{W} \ / \ 30 \ \text{V} \ / \ 100 \ \text{mA} \\ \text{Self cut-off time} & : \ 40 \ \text{ms} < \text{CT} < 120 \ \text{ms} \\ \end{array}$ 

## MECHANICAL CHARACTERISTICS

Connectors : SMA 2.9 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)



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PAGE **2/2** ISSUE 16-03-16 SERIE: DPDT PART NUMBER: **R577863017 DRAWING** 16,2 4 holes M3 depth 3,5 23,1 square 16,2 **LABEL** D-SUB 9 PINS TOP VIEW **RADIALL®** R577863017 0 - 40 GHz Un: 28V Lot : \_ \_ \_ \_ D 꼾, 50, 4-40 UNC General tolerances: ±0.5 mm 32,3 SCHEMATIC DIAGRAM Indicator terminals **O** 1 RF Continuity Voltage Ind. Actuator +C -1 C.1 1 ↔ 2 / 3 ↔ 4 +C -2 0FF Power input RF input terminals