## **Technical Data Sheet**



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

PAGE 1/2 ISSUE 22-03-22 SERIE : DPDT PART NUMBER : R577863007

## 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) / NEGATIVE COMMON

Terminals : 9 pins D-SUB male connector

Indicator rating : 1 W / 30 V / 100 mASelf cut-off time : 40 ms < CT < 120 ms

## MECHANICAL CHARACTERISTICS

Connectors : SMA 2.9 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)





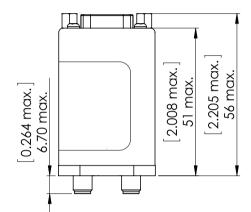


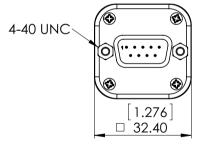
DPDT Ramses SMA2.9 40GHz Latching Self-cut-off Indicators 28Vdc

Diodes D-sub connector



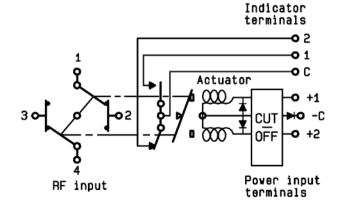
# **DRAWING** 0.909 23.10 0.638 □ 16.20 4 x M3 depth 3.50 0.909





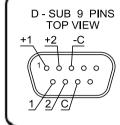
General tolerances: ±0,5 mm [0,02 in]

## SCHEMATIC DIAGRAM





## LABEL



**RADIALL®** R577863007 0 - 40 GHz Un: 28V Lot : \_ \_ \_

Voltage	RF Continuity	Ind.
-C +1	$1 \leftrightarrow 3 / 2 \leftrightarrow 4$	C.1
-C +2	$1 \leftrightarrow 2 \ / \ 3 \leftrightarrow 4$	C.2