



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

PAGE 1/2 ISSUE 22-03-22 SERIE : DPDT PART NUMBER : R577853015

### 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**

Self cut-off time

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

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

: 40 ms < CT < 120 ms

Terminals : 9 pins D-SUB male connector

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)



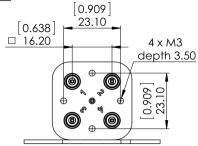


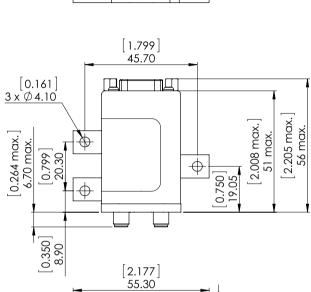


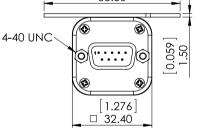
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#### **DRAWING**

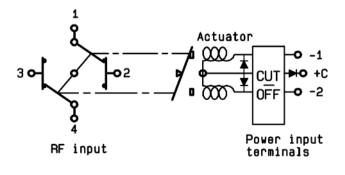






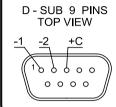
General tolerances: ±0,5 mm [0,02 in]

## SCHEMATIC DIAGRAM





## LABEL



RADIALL® R577853015 0 - 40 GHz Un : 28V Lot : \_ \_ \_ \_

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