# **Technical Data Sheet**



DPDT Ramses SMA 3GHz Failsafe 28Vdc Diodes D-sub connector with bracket

PAGE 1/2 | ISSUE 22-03-22 | SERIE : DPDT | PART NUMBER : R577313035

### 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 \*\* : 140 mA

Actuator voltage (Vcc) : 28V (24 to 30V)

Terminals : 9 pins D-SUB male connector

#### MECHANICAL CHARACTERISTICS

Connectors : SMA female per MIL-C 39012

Life : 2.5 million cycles

### **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)

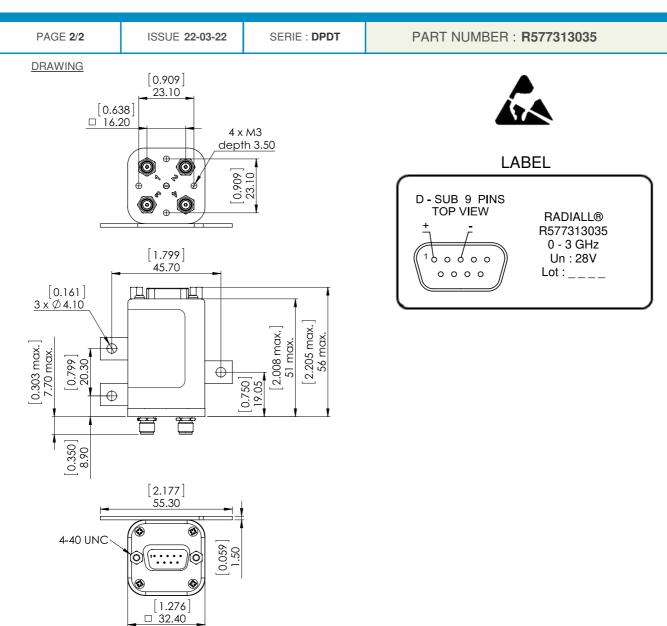


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# **Technical Data Sheet**

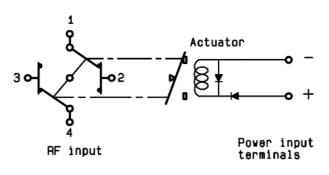


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## SCHEMATIC DIAGRAM

Position: De energized



General tolerances: ±0,5 mm [0,02 in]

Voltage	RF Continuity
energized	$1 \leftrightarrow 3 / 2 \leftrightarrow 4$
De-energized	$1 \leftrightarrow 2 / 3 \leftrightarrow 4$