# **Technical Data Sheet**



DPDT Ramses SMA 3GHz Failsafe 28Vdc TTL Diodes Pins Terminals with bracket

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#### 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 : solder pins (250°C max. / 30 sec.)

TTL inputs (E) - High level : 2.2 to 5.5 V / 800µA at 5.5 V

- Low level : 0 to 0.8 V /  $20\mu A$  at 0.8 V

#### MECHANICAL CHARACTERISTICS

Connectors : SMA 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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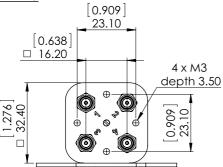
# **Technical Data Sheet**

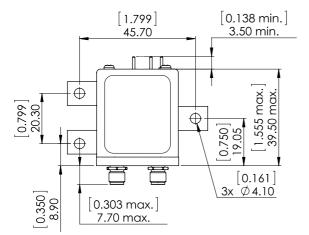


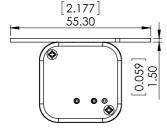
DPDT Ramses SMA 3GHz Failsafe 28Vdc TTL Diodes Pins Terminals with bracket

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# DRAWING



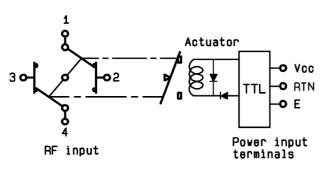




General tolerances: ±0,5 mm [0,02 in]

#### SCHEMATIC DIAGRAM

# Position: De energized





# LABEL

E GND Vcc

RADIALL® R577313100 0 - 3 GHz Un : 28V Lot : \_ \_ \_ \_

TTL input	RF Continuity
E = 1	$1 \leftrightarrow 3 / 2 \leftrightarrow 4$
E = 0	$1 \leftrightarrow 2 / 3 \leftrightarrow 4$

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