Technical Data Sheet



DPDT Ramses SMA 3GHz Failsafe 12Vdc Diodes Pins Terminals with bracket

PAGE 1/2 ISSUE 10-07-19 SERIE : DPDT PART NUMBER : R577312030

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 ** : 340 mA

Actuator voltage (Vcc) : 12V (10.2 to 13V)

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

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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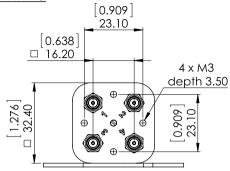
Technical Data Sheet

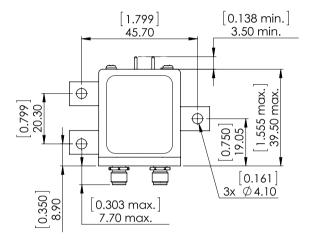


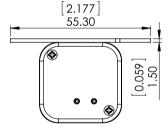
DPDT Ramses SMA 3GHz Failsafe 12Vdc Diodes Pins Terminals with bracket

PAGE **2/2** ISSUE 10-07-19 SERIE: DPDT PART NUMBER: **R577312030**

DRAWING



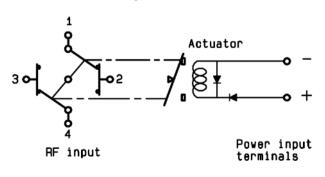




General tolerances: ±0,5 mm [0,02 in]

SCHEMATIC DIAGRAM

Position: De energized





LABEL

RADIALL® R577312030 0 - 3 GHz Un: 12V Lot : _ _ _

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

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