Technical Data Sheet



DPDT Ramses SMA 3GHz Failsafe 12Vdc Diodes Pins Terminals

PAGE 1/2 ISSUE 22-03-22 SERIE : DPDT PART NUMBER : R577312032

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 ms

Construction : 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)



This document contains proprietary information and such information shall not be disclosed to any third party for any purpose whatsoever or used for manufacturing purposes without prior written agreement from Radiall. The data defined in this document are given as an indication, in the effort to improve our products; we reserve the right to make any changes judged necessary.

Technical Data Sheet

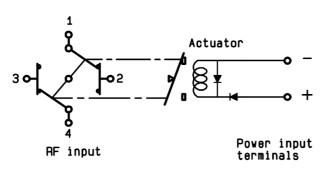


DPDT Ramses SMA 3GHz Failsafe 12Vdc Diodes Pins Terminals

PAGE **2/2** ISSUE 22-03-22 SERIE: DPDT PART NUMBER: **R577312032 DRAWING** 0.909 23.10 \oplus **LABEL RADIALL®** 4 x M3 R577312032 depth 3.50 0 - 3 GHz Un : 12V 0.138 min.] 3.50 min. Lot : _ _ _ _ 0.303 max. [1.555 max.] 39.50 max. General tolerances: ±0,5 mm [0,02 in]

SCHEMATIC DIAGRAM

Position: De energized



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