Technical Data Sheet



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

PAGE 1/2 ISSUE 06-02-18 SERIE : DPDT PART NUMBER : R577333035

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 : LATCHING
Nominal current ** : 125 mA

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

Terminals : 9 pins D-SUB male connector

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.

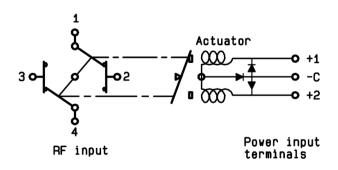
Technical Data Sheet



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

PAGE **2/2** ISSUE 06-02-18 SERIE: DPDT PART NUMBER: **R577333035 DRAWING** [0.909] 23.10 0.638 □ 16.20 4 x M3 depth 3.50 LABEL [0.909] 23.10 D - SUB 9 PINS TOP VIEW **RADIALL®** <u>+2</u> <u>-C</u> R577333035 0 - 3 GHz [1.799] 45.70 19 9 600 Un: 28V 0000 Lot : _ _ _ _ [0.161] 3 x Ø 4.10 ПП [2.205 max.] 56 max. [2.008 max.] 51 max. [0.303 max.] 7.70 max. [0.799] 20.30 ϕ \oplus [0.350] 8.90 [2.177] 55.30 4-40 UNC (O) 1.276 □ 32.40 General tolerances: ±0,5 mm [0,02 in]

SCHEMATIC DIAGRAM



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