Technical Data Sheet



DPDT Ramses N 3GHz Latching 12Vdc Diodes D-sub connector with bracket

PAGE 1/2 ISSUE 22-03-22 SERIE : DPDT PART NUMBER : R577032035

RF CHARACTERISTICS

Frequency range : 0 - 3 GHz Impedance : 50 Ohms

| Frequency (GHz) | DC - 1 | 1 - 2 | 2 - 3 |
|--------------------|---------|---------|---------|
| VSWR max | 1.15 | 1.20 | 1.25 |
| Insertion loss max | 0.15 dB | 0.20 dB | 0.25 dB |
| Isolation min | 85 dB | 80 dB | 75 dB |
| Average power (*) | 700 W | 500 W | 400 W |

ELECTRICAL CHARACTERISTICS

Actuator : LATCHING
Nominal current ** : 320 mA

Actuator voltage (Vcc) : 12V (10.2 to 13V) / NEGATIVE COMMON

Terminals : 9 pins D-SUB male connector

MECHANICAL CHARACTERISTICS

Connectors : N female per MIL-C 39012

Life : 2.5 million cycles

Switching Time*** : < 15 ms

Construction : Splashproof

Weight : < 215 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.

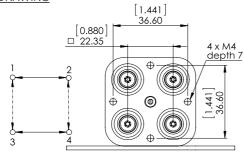
Technical Data Sheet

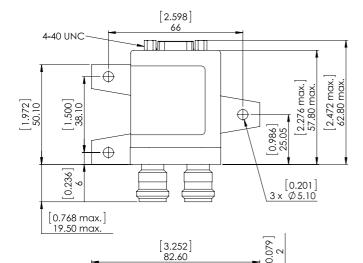


DPDT Ramses N 3GHz Latching 12Vdc Diodes D-sub connector with bracket

PAGE 2/2 ISSUE 22-03-22 SERIE : DPDT PART NUMBER : R577032035

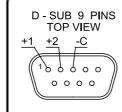
DRAWING







LABEL

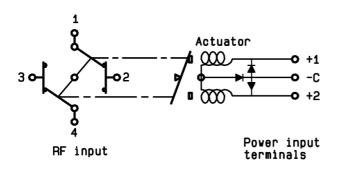


RADIALL® R577032035 0 - 3 GHz Un : 12V Lot : _ _ _ _

[1.748] 044.40

General tolerances : ±0,5 mm [0,02 in]

SCHEMATIC DIAGRAM



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