Technical Data Sheet



DPDT Ramses N 3GHz Failsafe 28Vdc TTL Diodes D-sub connector with bracket

PAGE 1/2 ISSUE 22-03-22 SERIE : DPDT PART NUMBER : R577013105

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 : FAILSAFE
Nominal current ** : 140 mA

Actuator voltage (Vcc) : 28V (24 to 30V)

Terminals : 9 pins D-SUB male connector TTL inputs (E) - High level : 2.2 to 5.5 V / 800 μ A at 5.5 V

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

MECHANICAL CHARACTERISTICS

Connectors : N female per MIL-C 39012

Life : 2.5 million cycles

Switching Time*** : < 15 msConstruction : 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.

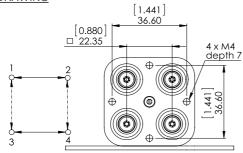
Technical Data Sheet

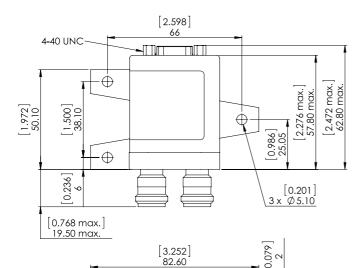


DPDT Ramses N 3GHz Failsafe 28Vdc TTL Diodes D-sub connector with bracket

PAGE 2/2 | ISSUE 22-03-22 | SERIE : DPDT | PART NUMBER : R577013105

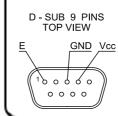
DRAWING







LABEL



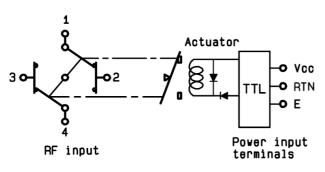
RADIALL® R577013105 0 - 3 GHz Un : 28V Lot : _ _ _

[1.748] 044.40

General tolerances: ±0,5 mm [0,02 in]

SCHEMATIC DIAGRAM

Position: De energized



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

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.