Technical Data Sheet



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

PAGE 1/2 ISSUE 22-03-22 SERIE : DPDT PART NUMBER : R577513035

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

MECHANICAL CHARACTERISTICS

Connectors : TNC 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)



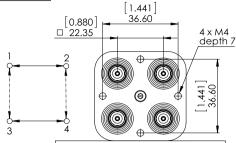
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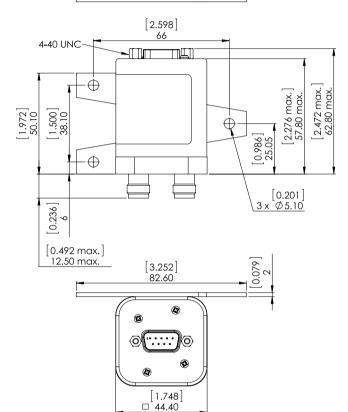
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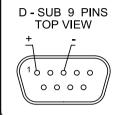
PAGE **2/2** ISSUE **22-03-22** SERIE: DPDT PART NUMBER: **R577513035 DRAWING** [1.441] 36.60 [0.880] 22.35







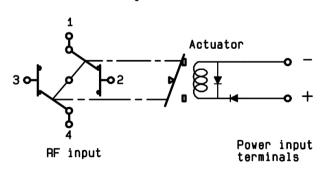
LABEL



RADIALL® R577513035 0 - 3 GHz Un: 28V Lot : _ _ _ _

SCHEMATIC DIAGRAM

Position: De energized



General tolerances: ±0,5 mm [0,02 in]

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