Technical Data Sheet



DPDT Ramses TNC 3GHz Failsafe Indicators 12Vdc TTL Diodes D-sub connector with bracket

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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 ** : 340 mA

Actuator voltage (Vcc) : 12V (10.2 to 13V)

Terminals : 9 pins D-SUB male connector

Indicator rating : 1 W / 30 V / 100 mA

TTL inputs (E) - High level : 2.2 to 5.5 V / $800\mu A$ at 5.5 V

- Low level : 0 to 0.8 V / 20 μ A at 0.8 V

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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PAGE **2/2** ISSUE 30.01.15 SERIE: DPDT PART NUMBER: **R577522105 DRAWING** 36,6 22,35 Φ **LABEL** Š, Depth 7 min D-SUB 9 PINS TOP VIEW **RADIALL®** 66 R577522105 0 - 3 GHz $\Pi\Pi$ Un: 12V Lot : _ _ _ _ Ф 58 мах. 83 50,1 Φ 9 8 ø 5,1 **⊕** General tolerances: ±0.5 mm 44,4 square SCHEMATIC DIAGRAM Indicator Position: De energized terminals **O** 1 1 RF Continuity TTL input Ind. Actuator C.1 O Vcc 1 ↔ 2 / 3 ↔ 4 E = 0O RTN **⊙** E Power input RF input terminals