Technical Data Sheet



DPDT Ramses 2.4mm 50GHz Failsafe 28Vdc Pins Terminals

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RF CHARACTERISTICS

Frequency range : 0 - 50 GHz Impedance : 50 Ohms

Frequency (GHz)	DC - 6	6 - 12.4	12.4 - 18	18 - 26.5	26.5 - 40	40 - 50
VSWR max	1.30	1.40	1.50	1.70	1.90	2.00
Insertion loss max	0.30 dB	0.40 dB	0.50 dB	0.70 dB	0.80 dB	1.10 dB
Isolation min	70 dB	60 dB	60 dB	55 dB	50 dB	50 dB
Average power (*)	80 W	60 W	50 W	20 W	10 W	5 W

ELECTRICAL CHARACTERISTICS

Actuator : FAILSAFE
Nominal current ** : 140 mA

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

Terminals : solder pins (250°C max. / 30 sec.)

MECHANICAL CHARACTERISTICS

Connectors : 2.4mm female (Accoding to IEEE STD 287)

Life : 2 million cycles

Switching Time*** : <15 ms

Construction : Splashproof

Weight : <100 g

ENVIRONMENTAL CHARACTERISTICS

Operating temperature range : -25°C to +70°C
Storage temperature range : -40°C to +85°C

(* Average power at 25°C per RF Path)

(** At 25° C ±10%)

(*** Nominal voltage; 25° C)



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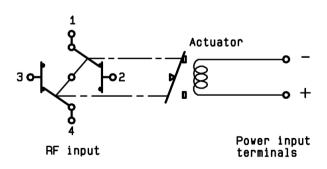




PAGE **2/2** ISSUE 10-07-19 SERIE: DPDT PART NUMBER: R577J13002 **DRAWING** 0.909 23.10 [0.638] 4 x M3 depth 3.50 LABEL [0.909] 23.10 **RADIALL®** R577J13002 0 - 50 GHz Un: 28V [0.138 min.] Lot : _ _ _ _ 3.50 min. 1.555 max. 39.50 max. 0.252 max. WARNING
Sensitive connector: To avoid irreversible damage during any connexions, ensure that the center contact is aligned with the female socket 1.276 □ 32.40 General tolerances: ±0,5 mm [0,02 in]

SCHEMATIC DIAGRAM

Position: De energized



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