Technical Data Sheet



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

PAGE 1/2 ISSUE 11-04-17 SERIE : DPDT PART NUMBER : R577313005

RF CHARACTERISTICS

Frequency range : 0 - 3 GHz Impedance : 50 Ohms

Frequency (GHz)	DC - 3
VSWR max	1.20
Insertion loss max	0.20 dB
Isolation min	80 dB
Average power (*)	240 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 : SMA female per MIL-C 39012

Life : 2.5 million cycles

Switching Time*** : < 15 ms

Construction : Splashproof

Weight : < 100 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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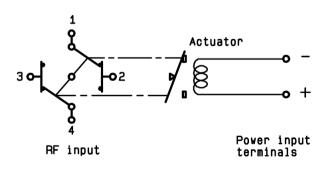


DPDT Ramses SMA 3GHz Failsafe 28Vdc D-sub connector with bracket

PAGE **2/2** ISSUE 11-04-17 SERIE: DPDT PART NUMBER: **R577313005 DRAWING** [0.909] 23.10 0.638 □ 16.20 4 x M3 depth 3.50 LABEL [0.909] 23.10 D-SUB 9 PINS TOP VIEW **RADIALL®** R577313005 0 - 3 GHz [1.799] 45.70 Un: 28V 0000 Lot : _ _ _ _ 0000 [0.161] 3 x Ø 4.10 ПП [2.205 max.] 56 max. [2.008 max.] 51 max. [0.303 max.] 7.70 max. [0.799] 20.30 ϕ \oplus [0.350] 8.90 [2.177] 55.30 4-40 UNC \odot 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	$1 \leftrightarrow 2 / 3 \leftrightarrow 4$