Technical Data Sheet



DPDT Ramses DIN 2.5GHz Latching Indicators 28Vdc D-sub connector with bracket

PAGE 1/2 ISSUE 22-03-22 SERIE : DPDT PART NUMBER : R577943005

RF CHARACTERISTICS

Frequency range : 0 - 2.5 GHz Impedance : 75 Ohms

Frequency (GHz)	DC - 1	1 - 2.5
VSWR max	1.20	1.30
Insertion loss max	0.20 dB	0.30 dB
Isolation min	80 dB	70 dB
Average power (*)	400 W	240 W

ELECTRICAL CHARACTERISTICS

Actuator : LATCHING
Nominal current ** : 125 mA

Actuator voltage (Vcc) : 28V (24 to 30V) / NEGATIVE COMMON

Terminals : 9 pins D-SUB male connector

Indicator rating : 1 W / 30 V / 100 mA

MECHANICAL CHARACTERISTICS

Connectors : 1.6/5.6 female per IEC 169-13

Life : 2.5 million cycles

Switching Time*** : < 15 msConstruction : Splashproof
Weight : < 100 g

ENVIRONMENTAL CHARACTERISTICS

Operating temperature range : -25° C to $+70^{\circ}$ C Storage temperature range : -40° C to $+85^{\circ}$ 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 **22-03-22** SERIE: DPDT PART NUMBER: **R577943005 DRAWING** 16,2 4 holes M3 depth 3,5 23,1 square N 16, LABEL D - SUB 9 PINS TOP VIEW **RADIALL®** -C 45,7 R577943005 0 - 2.5 GHz Un: 28V Lot : _ _ _ 3 ¢ 4,1 Ф Ŋ 33, 50 m 8 15 19. σ ıΩ. Ξ, 55,3 4-40 UNC 33,8 32,3 General tolerances: ±0,5 mm [0,02 in] **SCHEMATIC DIAGRAM** Indicator terminals **o** 2 RF Continuity Voltage Ind. C.1 **O** 1 -C 1 ↔ 2 / 3 ↔ 4 -C +2 Actuator -C Power input terminals RF input