Technical Data Sheet



DPDT Ramses SMA 26.5GHz Latching Indicators 28Vdc D-sub connector with bracket

PAGE 1/2 ISSUE 11-04-17 SERIE : DPDT PART NUMBER : R577F43005

RF CHARACTERISTICS

Frequency range : 0 - 26.5 GHz Impedance : 50 Ohms

Frequency (GHz)	DC - 3	3 - 8	8 - 12.4	12.4 - 18	18 - 26.5
VSWR max	1.20	1.30	1.40	1.50	1.70
Insertion loss max	0.20 dB	0.30 dB	0.40 dB	0.50 dB	0.70 dB
Isolation min	80 dB	70 dB	65 dB	60 dB	50 dB
Average power (*)	240 W	150 W	120 W	100 W	40 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 : SMA female per MIL-C 39012

Life : 2.5 million cycles

Switching Time*** : < 15 msConstruction : 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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RF input

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PAGE 2/2 ISSUE 11-04-17 SERIE: DPDT PART NUMBER: R577F43005 **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®** -C R577F43005 0 - 26.5 GHz [1.799] 45.70 Un: 28V Lot : _ _ _ [0.161] 3 x Ø 4.10 [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 (O) 1.276 □ 32.40 General tolerances: ±0,5 mm [0,02 in] SCHEMATIC DIAGRAM Indicator terminals RF Continuity Voltage Ind. **O** 1 C.1 -C 1 ↔ 2 / 3 ↔ 4 -C +2 Actuator -C

Power input terminals