Technical Data Sheet



DPDT Ramses SMA 18GHz Failsafe Indicators 28Vdc Pins Terminals

PAGE 1/2 ISSUE 22-03-22 SERIE : DPDT PART NUMBER : R577423002

RF CHARACTERISTICS

Frequency range : 0 - 18 GHz Impedance : 50 Ohms

Frequency (GHz)	DC - 3	3 - 8	8 - 12.4	12.4 - 18
VSWR max	1.20	1.30	1.40	1.50
Insertion loss max	0.20 dB	0.30 dB	0.40 dB	0.50 dB
Isolation min	80 dB	70 dB	65 dB	60 dB
Average power (*)	240 W	150 W	120 W	100 W

ELECTRICAL CHARACTERISTICS

Actuator : FAILSAFE
Nominal current ** : 140 mA

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

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

Indicator rating : 1 W / 30 V / 100 mA

MECHANICAL CHARACTERISTICS

Connectors : SMA female per MIL-C 39012

Life : 2.5 million cycles

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 **22-03-22** SERIE: DPDT PART NUMBER: **R577423002 DRAWING** 0.909 23.10 \oplus LABEL 1 2 C **RADIALL®** 4 x M3 R577423002 depth 3.50 0 - 18 GHz Un: 28V [0.138 min.] Lot : _ _ _ _ 3.50 min. 0.303 max. 7.70 max. 1.555 max. 39.50 max. General tolerances: ±0,5 mm [0,02 in] SCHEMATIC DIAGRAM Indicator Position: De energized terminals **o** 1

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

Power input terminals

Actuator

RF input