



SPDT Terminated Ramses SMA2.9 40GHz Failsafe Indicators 28Vdc Internal loads Pins terminals

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RF CHARACTERISTICS

Frequency range : 0 - 40 GHz Impedance : 50 Ohms

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

ELECTRICAL CHARACTERISTICS

Actuator : FAILSAFE
Nominal current ** : 205 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 2.9 female per MIL-C 39012

Life : 2 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)



Technical Data Sheet



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PAGE 2/2 ISSUE **09-03-21** SERIE: SPDT ZC PART NUMBER: **R585823200 DRAWING** 2.189 55.6 0 **(** 0.44 0.44 11.18 11.18 LABEL [0.138 min.] 3.5 min. 0 - 40 GHz 2N0 1NC C Un: 28V **RADIALL®** R585823200 [1.917 max.] 48.7 max. Lot : _ _ _ [0.122]4 x ♥ 3.1 NO С NC [0.252 max.] 6.4 max. [0.441] [0.094] 2.4 11.2 [1.321] 33.55 **8** 00 0 **(((** General tolerances: ±0,5 mm [0,02 in] SCHEMATIC DIAGRAM Indicator terminals RF input _0 1NC _o 2N0 50Ω Termination -0 C Actuator **≯**₩~-RF Continuity Position Indicator De-energized C↔NC / NO↔50Ω C.1NC energized C↔NO / NC↔50Ω C.2NO NO 0--o + NC o-d Power input terminals ₹W0-0 50Ω Termination Position : de-energized