Technical Data Sheet



SPDT Terminated Ramses SMA 3GHz Latching Self-cut-off Indicators 28Vdc TTL Diodes Internal loads Pins terminals

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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 : LATCHING
Nominal current ** : 160 mA

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

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

Indicator rating : 1 W / 30 V / 100 mA
Self cut-off time : 40 ms < CT < 120 ms

TTL inputs (E) - High level : 2.2 to 5.5 V / 800μA at 5.5 V

- Low level : 0 to 0.8 V / 20µA at 0.8 V

MECHANICAL CHARACTERISTICS

Connectors : SMA female per MIL-C 39012

Life : 2 million cycles

Switching Time*** : < 10 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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PAGE **2/2** ISSUE **09-03-21** SERIE: SPDT ZC PART NUMBER: **R585363300 DRAWING** 2.189 55.6 0 0.44 0.44 11.18 11.18 [0.138 min.] LABEL 3.5 min. E1 GND Vcc 0 - 3 GHz Un: 28V **RADIALL®** R585363300 Lot : _ _ _ _ [0.122][0.094]С 1 4 x ¯ Ø 3.1 [0.059 max.] 1.5 max. [0.303 max.] 7 7 max 0.441 11.2 [1.321] 33.55 0000 **®** 000 General tolerances: ±0,5 mm [0,02 in] **SCHEMATIC DIAGRAM** Indicator terminals RF input -₀2 50Ω Termination -o C Actuator RF Continuity TTL input Ind. \$W\\ С E1=1 / E2=0 C↔1 / 2↔50Ω CUT -oVcc E1=0 / E2=1 C↔2 / 1↔50Ω С. OFF **→**ORTN E1=0 / E2=0 Memory E1=1 / E2=1 Forbidden -0E1 TTL -0E2 Power input terminals ∞ ₹W0-50Ω Termination