



SPDT Terminated Ramses SMA 26.5GHz Latching Indicators 12Vdc
TTL Diodes Internal loads Pins terminals

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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	60 dB	60 dB	55 dB
Average power (*)	240 W	150 W	120 W	100 W	40 W

ELECTRICAL CHARACTERISTICS

Actuator : LATCHING
Nominal current ** : 420 mA

Actuator voltage (Vcc) : 12V (10.2 to 13V)

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

Indicator rating : 1 W / 30 V / 100 mA

TTL inputs (E) - High level : 2.2 to 5.5 V / $800\mu A$ at 5.5 V

- Low level : 0 to 0.8 V / 20 μ A 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)







 50Ω Termination

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PAGE **2/2** ISSUE **09-03-21** SERIE: SPDT ZC PART NUMBER: R585F42300 **DRAWING** 2.189 55.6 0.44 [0.44] 11.18 11.18 [0.138 min.] LABEL 3.5 min. E2 E1 GND Vcc 0 - 26.5 GHz Un: 12V **RADIALL®** R585F42300 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. С E1=1 / E2=0 C↔1 / 2↔50Ω -OVcc E1=0 / E2=1 C↔2 / 1↔50Ω С. **→**ORTN E1=0 / E2=0 Memory Forbidden E1=1 / E2=1 -0E1 -0E2 Power input terminals ∞ \$W0-0