



SPDT Terminated Ramses SMA 26.5GHz Failsafe 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 : FAILSAFE
Nominal current \*\* : 500 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 $\mu$ 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)







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PAGE **2/2** ISSUE **09-03-21** SERIE: SPDT ZC PART NUMBER: R585F22300 **DRAWING** 2.189 55.6 0.44 0.44 11.18 11.18 [0.138 min.] LABEL 3.5 min. gÑD √cc 0 - 26.5 GHz 2N0 1NC C Un: 12V **RADIALL®** R585F22300 Lot:\_\_\_\_ [0.122][0.094]NO С NC 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 ⊚ ∘ General tolerances: ±0,5 mm [0,02 in] **SCHEMATIC DIAGRAM** Indicator terminals RF input \_o 1NC \_o 2N0 50Ω Termination -0 C Actuator ₹W0-RF Continuity TTL input Indicator E = 0C↔NC / NO↔50Ω C.1NC OVcc E = 1 C↔NO / NC↔50Ω C.2NO NO 0--ortn -оE NC o-d Power input terminals ₹W0-0  $50\Omega$  Termination Position : de-energized