



SPDT Terminated Ramses SMA 26.5GHz Latching Self-cut-off Indicators 28Vdc Positive common Diodes External loads Pins terminals

PAGE 1/2 ISSUE 09-03-21 SERIE : SPDT ZC PART NUMBER : R585F63410

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 ** : 160 mA

Actuator voltage (Vcc) : 28V (24 to 30V) / POSITIVE COMMON
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

MECHANICAL CHARACTERISTICS

Connectors : SMA female per MIL-C 39012

Life : 10 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: R585F63410 **DRAWING** 2.189 55.6 0.44 0.44 11.18 ī1.18 [0.138 min.] LABEL 3.5 min. +C 0 - 26.5 GHz Un: 28V **RADIALL®** [1.917 max.] 48.7 max. R585F63410 Lot : _ _ _ _ [0.122] 4 x Ø 3.1 С [0.827 max.] 21 max. [0.303 max.] 7.7 max. [0.441]0.094 11.2 1.321 33.55 000 **③** 000 **(** General tolerances: ±0,5 mm [0,02 in] **SCHEMATIC DIAGRAM** Indicator terminals RF input -02 50Ω Termination RF Continuity Actuator Voltage Ind. ₹W0 +C C↔1 / 2↔50Ω +C -2 $C\leftrightarrow 2/1\leftrightarrow 50\Omega$ OFF Power input ∞ terminals ₹W0-0 $50\,\Omega$ Termination