



SPDT Terminated Ramses SMA2.9 40GHz 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 : R585863410

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 : 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 2.9 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)



Technical Data Sheet



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PAGE **2/2** ISSUE **09-03-21** SERIE: SPDT ZC PART NUMBER: **R585863410 DRAWING** 2.189 55.6 0.44 0.44 ้า1.18ี ้า1.18ี [0.138 min.] LABEL 3.5 min. -2 2 +C 0 - 40 GHz Un: 28V **RADIALL®** R585863410 [1.917 max.] 48.7 max. Lot : _ _ _ _ [0.122]4 x ♥ 3.1 С [0.252 max.] 6.4 max. 0.441 0.094 [0.827 max.] 21 max. 11.2 [1.321] 33.55 000 **8** 00 0 **(** General tolerances: ±0,5 mm [0,02 in] **SCHEMATIC DIAGRAM** Indicator terminals RF input -02 50Ω Termination Actuator RF Continuity Voltage Ind. ₹W0-С +C C↔1 / 2↔50Ω +C -2 $C\leftrightarrow 2/1\leftrightarrow 50\Omega$ CUT OFF Power input ∞ terminals ₹W0-0 $50\,\Omega$ Termination