



SPDT Terminated Ramses SMA 26.5GHz Latching Self-cut-off 28Vdc
Positive common 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 ** : 160 mA

Actuator voltage (Vcc) : 28V (24 to 30V) / POSITIVE COMMON Terminals : solder pins (250°C max. / 30 sec.)

Self cut-off time : 40 ms < CT < 120 ms

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)







 $50\,\Omega$ Termination

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PAGE **2/2** ISSUE **09-03-21** SERIE: SPDT ZC PART NUMBER: R585F53210 **DRAWING** [2.189] 55.6 0.44 0.44 11.18 11.18 [0.138 min.] LABEL 3.5 min. 2 1 0 - 26.5 GHz Un: 28V **RADIALL®** R585F53210 Lot:____ [0.122] 4 x \emptyset 3.1 [0.094]С 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** RF input 50Ω Termination Actuator →~WE RF Continuity Voltage 0-1 +C -1 $C \leftrightarrow 1 / 2 \leftrightarrow 50\Omega$ **→**0+C CUT +C -2 $C\leftrightarrow 2/1\leftrightarrow 50\Omega$ OFF -0-2 Power input terminals