



SPDT Terminated Ramses SMA 3GHz Latching Self-cut-off 28Vdc Diodes Internal loads Pins terminals

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## RF CHARACTERISTICS

Frequency range : 0 - 3 GHz Impedance : 50 Ohms

Frequency (GHz)	DC - 3
VSWR max	1.20
Insertion loss max	0.20 dB
Isolation min	80 dB
Average power (*)	240 W

## **ELECTRICAL CHARACTERISTICS**

Actuator : LATCHING
Nominal current \*\* : 160 mA

Actuator voltage (Vcc) : 28V (24 to 30V) / NEGATIVE 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: **R585353200 DRAWING** [2.189] 55.6 0 0.44 0.44 11.18 11.18 [0.138 min.] **LABEL** 3.5 min. +2 +1 -C 0 - 3 GHz Un: 28V **RADIALL®** R585353200 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  $50\Omega$  Termination Actuator →~WE RF Continuity Voltage 0+1 -C +1  $C \leftrightarrow 1 / 2 \leftrightarrow 50\Omega$ **→-**0-C -C +2 CUT  $C\leftrightarrow 2/1\leftrightarrow 50\Omega$ OFF -0+2

Power input terminals