



SPDT Terminated Ramses SMA 3GHz Normally open Indicators 28Vdc
Diodes Internal loads Pins terminals

PAGE 1/2 ISSUE 09-03-21 SERIE : SPDT ZC PART NUMBER : R585383230

## 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 : NORMALLY OPEN

Nominal current \*\* : 102 mA

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

Indicator rating : 1 W / 30 V / 100 mA

## 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)







50Ω Termination

SPDT Terminated Ramses SMA 3GHz Normally open Indicators 28Vdc
Diodes Internal loads Pins terminals

PAGE 2/2 ISSUE **09-03-21** SERIE: SPDT ZC PART NUMBER: **R585383230 DRAWING** [2.189] 55.6 0 0.44 0.44 11.18 11.18 [0.138 min.] LABEL 3.5 min. +2 +1 2 1 -C 0 - 3 GHz Un: 28V **RADIALL®** R585383230 Lot : \_ \_ \_ [0.122][0.094]С 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 **@@@ %** 00 0 General tolerances: ±0,5 mm [0,02 in] SCHEMATIC DIAGRAM Indicator terminals RF input -01 -02 50Ω Termination -O C Actuator RF Continuity Voltage Ind. ₹W~ С -C +1 C↔1 / 2↔50Ω -0+2  $C\leftrightarrow 2/1\leftrightarrow 50\Omega$ **→**○-C 1↔50Ω / 2↔50Ω De-energized -0+1 Power input terminals