



SPDT Terminated Ramses SMA 26.5GHz Latching Indicators 28Vdc 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) / 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 msConstruction : 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: **R585F43200 DRAWING** [2.189] 55.6 0 0.44 0.44 11.18 11.18 [0.138 min.] LABEL 3.5 min. 0 - 26.5 GHz Un: 28V **RADIALL®** R585F43200 Lot : \_ \_ \_ [0.122][0.094]С 1 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 **@@@ 6** 0 0 General tolerances: ±0,5 mm [0,02 in] SCHEMATIC DIAGRAM Indicator terminals RF input \_02 50Ω Termination -o C Actuator RF Continuity Voltage Ind. **≯**₩~ С -C  $C \leftrightarrow 1 / 2 \leftrightarrow 50\Omega$ 0+1 -C +2  $C\leftrightarrow 2/1\leftrightarrow 50\Omega$ -O-C 0+2 Power input terminals  $\infty$ **₹₩**0---50Ω Termination