



SPDT Terminated Ramses SMA2.9 40GHz Latching 12Vdc Positive common External loads Pins terminals

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### 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 \*\* : 420 mA

Actuator voltage (Vcc) : 12V (10.2 to 13V) / POSITIVE COMMON Terminals : solder pins (250°C max. / 30 sec.)

#### MECHANICAL CHARACTERISTICS

Connectors : SMA 2.9 female per MIL-C 39012

Life : 10 million cycles

# **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: **R585832410 DRAWING** [2.189] 55.6 0.44 0.44 ้า1.18ี ้า1.18ี [0.138 min.] **LABEL** 3.5 min. -2 -1 +C 0 - 40 GHz Un: 12V **RADIALL®** R585832410 [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 @ © © **( ( ( (** General tolerances: ±0,5 mm [0,02 in] **SCHEMATIC DIAGRAM** RF input  $50\Omega$  Termination Actuator ₹W0-9 RF Continuity Voltage 0-1 +C -1  $C \leftrightarrow 1 / 2 \leftrightarrow 50\Omega$ -O+C +C -2  $C\leftrightarrow 2/1\leftrightarrow 50\Omega$ 0-2 Power input terminals 50Ω Termination