Technical Data Sheet



SPDT Terminated Ramses SMA 26.5GHz Latching 28Vdc Internal loads
Pins terminals

PAGE 1/2 ISSUE 09-03-21 SERIE : SPDT ZC PART NUMBER : R585F33200

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.)

MECHANICAL CHARACTERISTICS

Connectors : SMA female per MIL-C 39012

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



SPDT Terminated Ramses SMA 26.5GHz Latching 28Vdc Internal loads
Pins terminals

PAGE **2/2** ISSUE **09-03-21** SERIE: SPDT ZC PART NUMBER: R585F33200 **DRAWING** [2.189] 55.6 0 0.44 0.44 11.18 11.18 [0.138 min.] **LABEL** 3.5 min. +1 -C 0 - 26.5 GHz Un: 28V **RADIALL®** R585F33200 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] 33.55 000 General tolerances: ±0,5 mm [0,02 in] SCHEMATIC DIAGRAM RF input 50Ω Termination Actuator RF Continuity Voltage -0+1 -C $C \leftrightarrow 1 / 2 \leftrightarrow 50\Omega$ -C +2 -o-C $C\leftrightarrow 2/1\leftrightarrow 50\Omega$ -0+2 Power input terminals ∞ **≯**₩0—0 50Ω Termination