



SPDT Terminated Ramses SMA 18GHz Latching Self-cut-off 28Vdc

Diodes Internal loads Pins terminals

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RF CHARACTERISTICS

Frequency range : 0 - 18 GHz Impedance : 50 Ohms

Frequency (GHz)	DC - 3	3 - 8	8 - 12.4	12.4 - 18
VSWR max	1.20	1.30	1.40	1.50
Insertion loss max	0.20 dB	0.30 dB	0.40 dB	0.50 dB
Isolation min	80 dB	70 dB	60 dB	60 dB
Average power (*)	240 W	150 W	120 W	100 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 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)



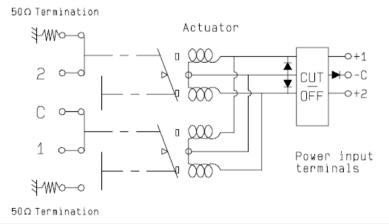




SPDT Terminated Ramses SMA 18GHz Latching Self-cut-off 28Vdc Diodes Internal loads Pins terminals PAGE **2/2** ISSUE **09-03-21** SERIE: SPDT ZC PART NUMBER: **R585453200 DRAWING** [2.189] 55.6 0 0.44 0.44 11.18 11.18 [0.138 min.] LABEL 3.5 min. +2 +1 -C 0 - 18 GHz Un: 28V **RADIALL®** R585453200 Lot : _ _ _ [0.122] 4 x \emptyset 3.1 [0.094]С [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



Voltage	RF Continuity	
-C +1	C↔1 / 2↔50Ω	
-C +2	C↔2 / 1↔50Ω	