Technical Data Sheet



DP3T Ramses SMA2.9 40GHz Latching Self-cut-off Indicators 12Vdc
Diodes Pins terminals

PAGE 1/2 ISSUE 09-03-21 SERIE : DP3T PART NUMBER : R585862000

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) / NEGATIVE COMMON Terminals : solder pins (250°C max. / 30 sec.)

Indicator rating : 1 W / 30 V / 100 mA
Self cut-off time : 40 ms < CT < 120 ms

MECHANICAL CHARACTERISTICS

Connectors : SMA 2.9 female per MIL-C 39012

Life : 10 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)



Technical Data Sheet



DP3T Ramses SMA2.9 40GHz Latching Self-cut-off Indicators 12Vdc
Diodes Pins terminals

PAGE **2/2** ISSUE **09-03-21** SERIE: DP3T PART NUMBER: **R585862000 DRAWING** 2.189 55.6 0 **(** 0 0 [0.44] 11.18 0.44 11.18 0.44 0.44 11.18 ī1.18 [0.138 min.] **LABEL** 3.5 min. +2 +1 2 1 •C 0 - 40 GHz חחח Un: 12V **RADIALL®** R585862000 [1.917 max.] 48.7 max. Lot : _ _ _ _ [0.122]4 x ♥ 3.1 3 5 [0.252 max.] 6.4 max. 0.441 [0.094] 2.4 11.2 [1.321] 33.55 000 **(** General tolerances: ±0,5 mm [0,02 in] **SCHEMATIC DIAGRAM** Indicator terminals RF input -o 1 -02 RF Continuity Voltage Ind. Actuator 0 С -C +1 0+1 -C +2 $2 \leftrightarrow 3 / 4 \leftrightarrow 5$ **→**0-C CUT ¥. -0+2 OFF Power input terminals 0