Technical Data Sheet



SPDT Ramses SMA 18GHz Latching 12Vdc Pins Terminals

PAGE 1/2 ISSUE 22-03-22 SERIE : SPDT PART NUMBER : R570432000

RF CHARACTERISTICS

Frequency range : 0 - 18 GHz Impedance : 50 Ohms

Frequency (GHz)	DC - 3	3 - 8	8 - 12.4	12.4 - 18
VSWR max	1.10	1.20	1.20	1.40
Insertion loss max	0.15 dB	0.20 dB	0.25 dB	0.35 dB
Isolation min	80 dB	75 dB	65 dB	60 dB
Average power (*)	240 W	150 W	120 W	100 W

ELECTRICAL CHARACTERISTICS

Actuator : LATCHING
Nominal current ** : 210 mA

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

MECHANICAL CHARACTERISTICS

Connectors : SMA female per MIL-C 39012

Life : 10 million cycles

Switching Time*** : < 10 ms

Construction : Splashproof

Weight : < 45 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

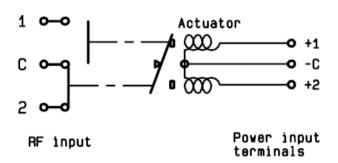


SPDT Ramses SMA 18GHz Latching 12Vdc Pins Terminals

PAGE **2/2** ISSUE **22-03-22** SERIE: SPDT PART NUMBER: **R570432000 DRAWING** [1.343] 34.10 [0.303 max.] 7.70 max. **LABEL** [0.138 min.] 3.50 min. [1.528 max.] 38.80 max. +2 +1 -C [0.122] 4 x Ø 3.10 **RADIALL®** R570432000 0 - 18 GHz Un : 12V Lot : ____ [0.134] 3.40 [0.441] 11.20 2 С 1 0.880 22.35 1.319 33.50 1.500 38.10 **3** 000

General tolerances: ±0,5 mm [0,02 in]

SCHEMATIC DIAGRAM



Voltage	RF Continuity	
-C +1	$C \leftrightarrow 1$	
-C +2	$C \leftrightarrow 2$	