



SPDT Ramses SMA 3GHz Latching Self-cut-off Indicators 12Vdc
TTL Diodes Pins Terminals

PAGE 1/2 ISSUE 10-07-19 SERIE : SPDT PART NUMBER : R570362100

RF CHARACTERISTICS

Frequency range : 0 - 3 GHz Impedance : 50 Ohms

Frequency (GHz)	DC - 3
VSWR max	1.10
Insertion loss max	0.15 dB
Isolation min	80 dB
Average power (*)	240 W

ELECTRICAL CHARACTERISTICS

Actuator : LATCHING
Nominal current ** : 210 mA

Actuator voltage (Vcc) : 12V (10.2 to 13V)

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

 $\begin{array}{ll} \text{Indicator rating} & : 1 \text{ W / 30 V / 100 mA} \\ \text{Self cut-off time} & : 40 \text{ ms} < \text{CT} < 120 \text{ ms} \end{array}$

TTL inputs (E) - High level : 2.2 to 5.5 V / $800\mu A$ at 5.5 V

- Low level : 0 to 0.8 V / 20μA at 0.8 V

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)

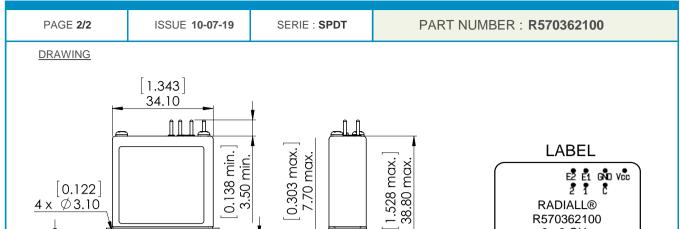


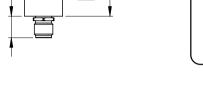


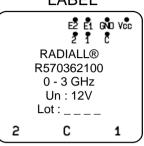


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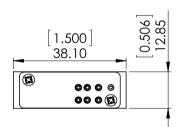
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0.880 22.35 1.319 33.50

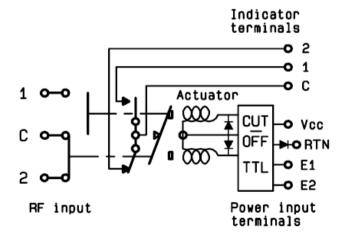
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 $\begin{bmatrix} 0.134 \\ 3.40 \end{bmatrix}$

General tolerances: ±0,5 mm [0,02 in]

SCHEMATIC DIAGRAM

0.441 11.20



TTL input	RF Continuity	Ind.
E1=1 / E2=0	C ↔ 1	C.1
E1=0 / E2=1	C ↔ 2	C.2
E1=0 / E2=0	Memory	-
F1=1 / F2=1	Forbidden	_

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