Technical Data Sheet



SPDT Ramses SMA 3GHz Failsafe 12Vdc Diodes Pins Terminals

PAGE 1/2 ISSUE 09-03-21 SERIE : SPDT PART NUMBER : R570312030

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 : FAILSAFE
Nominal current ** : 250 mA

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

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)

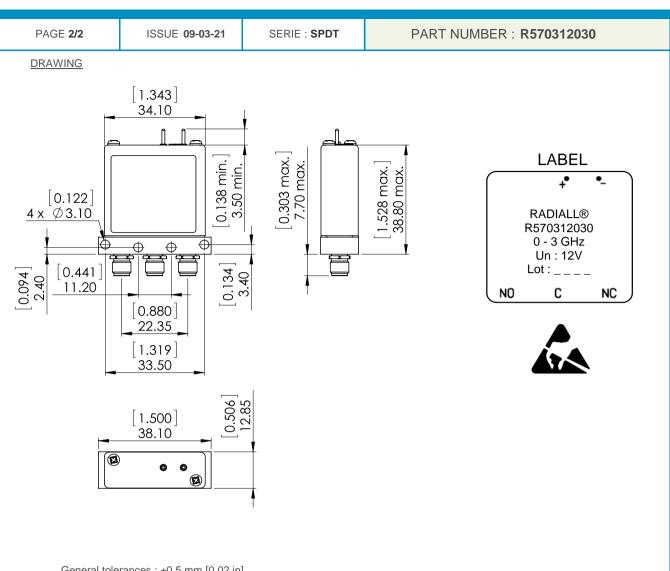


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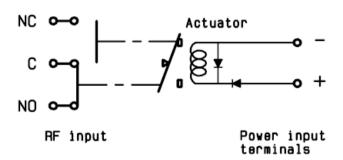
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General tolerances: ±0,5 mm [0,02 in]

SCHEMATIC DIAGRAM

Position Energized:



Voltage	RF Continuity
De-energized	$C \leftrightarrow NC$
energized	$C \leftrightarrow NO$

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