Technical Data Sheet



SPDT Ramses SMA2.9 40GHz Failsafe 28Vdc Pins Terminals

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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 : FAILSAFE
Nominal current ** : 102 mA

Actuator voltage (Vcc) : 28V (24 to 30V)

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

MECHANICAL CHARACTERISTICS

Connectors : SMA 2.9 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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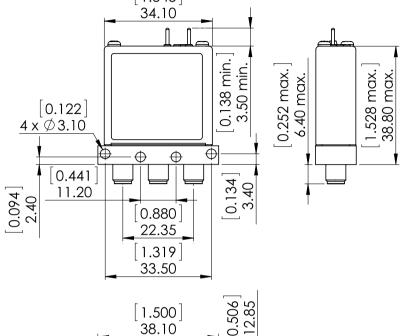


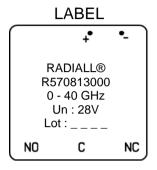
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DRAWING

[1.343]
34.10



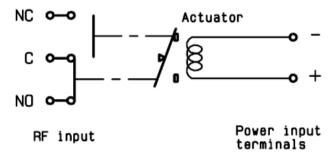


General tolerances: ±0,5 mm [0,02 in]

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SCHEMATIC DIAGRAM

Position Energized:



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