Technical Data Sheet



DPDT Ramses SMA2.9 40GHz Failsafe Indicators 28Vdc Diodes 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 ** : 140 mA

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

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

Indicator rating : 1 W / 30 V / 100 mA

MECHANICAL CHARACTERISTICS

Connectors : SMA 2.9 female per MIL-C 39012

Life : 2.5 million cycles

Switching Time*** : <15 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)



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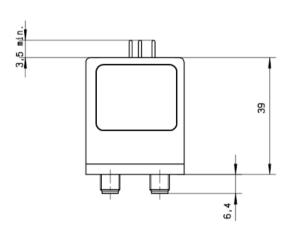


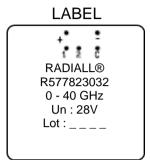
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DRAWING

16,2
4 holes M3
depth 3,5



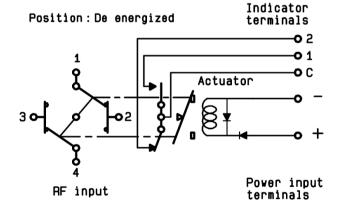




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General tolerances: ±0.5 mm

SCHEMATIC DIAGRAM



Voltage	RF Continuity	Ind.
energized	$1 \leftrightarrow 3 / 2 \leftrightarrow 4$	C.1
De-energized	$1 \leftrightarrow 2 \ / \ 3 \leftrightarrow 4$	C.2

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