Technical Data Sheet



DPDT Ramses SMA2.9 40GHz Latching 12Vdc Positive common D-sub connector with bracket

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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 : LATCHING
Nominal current ** : 320 mA

Actuator voltage (Vcc) : 12V (10.2 to 13V) / POSITIVE COMMON

Terminals : 9 pins D-SUB male connector

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)



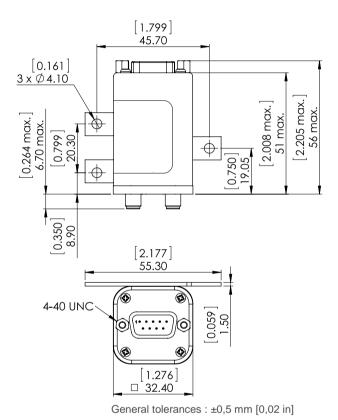




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DRAWING [0.909] 23.10 4 x M3 depth 3.50

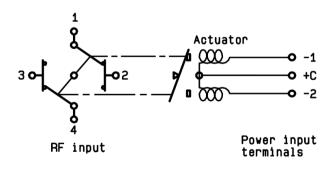


LABEL

D - SUB 9 PINS TOP VIEW

RADIALL® R577832015 0 - 40 GHz Un : 12V Lot : _ _ _

SCHEMATIC DIAGRAM



Voltage	RF Continuity		
+C -1	$1 \leftrightarrow 3 / 2 \leftrightarrow 4$		
+C -2	$1 \leftrightarrow 2 \ / \ 3 \leftrightarrow 4$		