Technical Data Sheet



DPDT Ramses SMA 3GHz Latching Indicators 12Vdc TTL Diodes D-sub connector with bracket

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RF CHARACTERISTICS

Frequency range : 0 - 3 GHz Impedance : 50 Ohms

Frequency (GHz)	DC - 3
VSWR max	1.20
Insertion loss max	0.20 dB
Isolation min	80 dB
Average power (*)	240 W

ELECTRICAL CHARACTERISTICS

Actuator : LATCHING
Nominal current ** : 320 mA

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

Terminals : 9 pins D-SUB male connector

Indicator rating : 1 W / 30 V / 100 mA

TTL inputs (E) - High level : 2.2 to 5.5 V / 800μA 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 : 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)







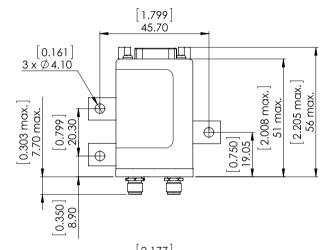
DPDT Ramses SMA 3GHz Latching Indicators 12Vdc TTL Diodes D-sub connector with bracket

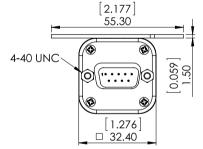
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DRAWING

[0.909]
23.10

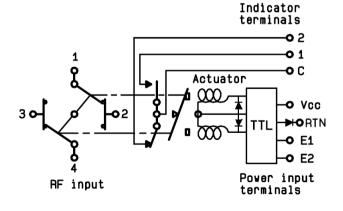
[0.909] 23.10 16.20 4 x M3 depth 3.50





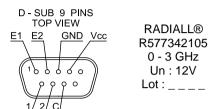
General tolerances: ±0,5 mm [0,02 in]

SCHEMATIC DIAGRAM





LABEL



TTL input	RF Continuity	Ind.
E1=1 / E2=0	$1 \leftrightarrow 3 / 2 \leftrightarrow 4$	C.1
E1=0 / E2=1	$1 \leftrightarrow 2 / 3 \leftrightarrow 4$	C.2
E1=0 / E2=0	Memory	-
E1=1 / E2=1	Forbidden	-