Technical Data Sheet



DPDT Ramses N 3GHz Latching Indicators 12Vdc TTL Diodes Pins

Terminals with bracket

PAGE 1/2 ISSUE 22-03-22 SERIE : DPDT PART NUMBER : R577042100

RF CHARACTERISTICS

Frequency range : 0 - 3 GHz Impedance : 50 Ohms

Frequency (GHz)	DC - 1	1 - 2	2 - 3
VSWR max	1.15	1.20	1.25
Insertion loss max	0.15 dB	0.20 dB	0.25 dB
Isolation min	85 dB	80 dB	75 dB
Average power (*)	700 W	500 W	400 W

ELECTRICAL CHARACTERISTICS

Actuator : LATCHING
Nominal current ** : 320 mA

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

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

Indicator rating : 1 W / 30 V / 100 mA

TTL inputs (E) - High level : 2.2 to 5.5 V / $800\mu A$ at 5.5 V

- Low level : 0 to 0.8 V / 20 μ A at 0.8 V

MECHANICAL CHARACTERISTICS

Connectors : N female per MIL-C 39012

Life : 2.5 million cycles

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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Terminals with bracket

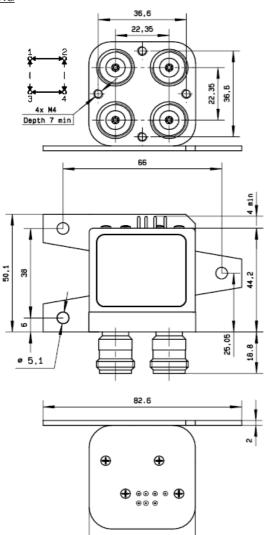
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DRAWING



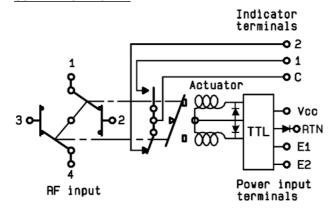


LABEL

E1 E2 GND Vcc **RADIALL®** R577042100 0 - 3 GHz Un: 12V Lot : _ _ _

44,4 square General tolerances: ±0,5 mm [0,02 in]

SCHEMATIC DIAGRAM



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	-
F1=1 / F2=1	Forbidden	-

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