Technical Data Sheet



SP8T Terminated Ramses N 3GHz Normally open 12Vdc TTL Diodes

D-sub connector

PAGE 1/2 ISSUE 06-02-18 SERIE : SPnT PART NUMBER : R574002825

RF CHARACTERISTICS

Number of ways : 8

Frequency range : 0 - 3 GHz Impedance : 50 Ohms

Frequency (GHz)	DC - 3
VSWR max	1.30
Insertion loss max	0.30 dB
Isolation min	80 dB
Average power (*)	400 W

VSWR values are not applicable for internal terminations

TERMINATION IMPEDANCE : 50 Ohms

TERM. AVG. POWER AT 25° C : 1 W per termination / 3 W total power

ELECTRICAL CHARACTERISTICS

Actuator : NORMALLY OPEN

Nominal current ** : 250 mA

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

Terminals : 25 pins D-SUB male connector 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 : N female per MIL-C 39012
Life : 2 million cycles per position

Switching Time*** : < 15 msConstruction : Splashproof
Weight : < 680 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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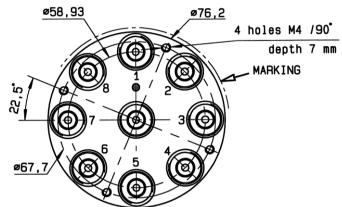


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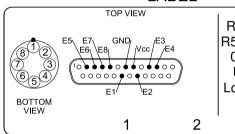
<u>DRAWING</u>



TTL input	RF Continuity
E1 = 1	IN ↔ 1
E2 = 1	$IN \leftrightarrow 2$
E3 = 1	$IN \leftrightarrow 3$
E4 = 1	$IN \leftrightarrow 4$
E5 = 1	IN ↔ 5
E6 = 1	$IN \leftrightarrow 6$
E7 = 1	$IN \leftrightarrow 7$
E8 = 1	IN ↔ 8

25 pins D-SUB male connector

LABEL

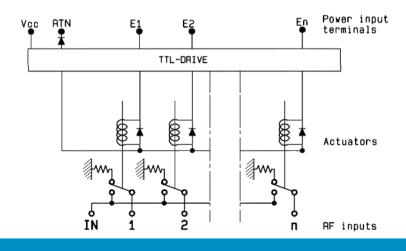


RADIALL® R574002825 0 - 3 GHz Un : 12V Lot : ____



General tolerances: ±0,5 mm [0,02 in]

SCHEMATIC DIAGRAM



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