Technical Data Sheet



SP3T Terminated Ramses SMA 3GHz Normally open 12Vdc TTL Diodes

Pins Terminals

PAGE 1/2 ISSUE 22-03-22 SERIE : SPnT PART NUMBER : R574302320

RF CHARACTERISTICS

Number of ways : 3

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

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 : solder pins (250°C max. / 30 sec.)

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

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

MECHANICAL CHARACTERISTICS

Connectors : SMA female per MIL-C 39012 Life : 2 million cycles per position

Switching Time*** : < 15 msConstruction : Splashproof
Weight : < 250 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)



Technical Data Sheet

PART NUMBER: **R574302320**

LABEL

2

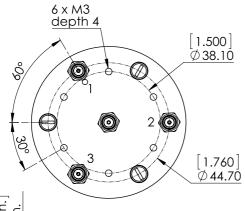


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SERIE: SPnT

DRAWING

PAGE **2/2**



ISSUE 22-03-22

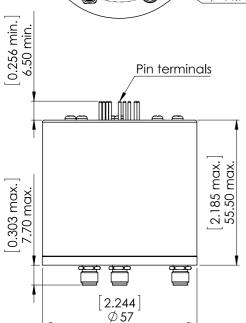
TTL input	RF Continuity
E1 = 1	$IN \leftrightarrow 1$
E2 = 1	$IN \leftrightarrow 2$
E3 = 1	$IN \leftrightarrow 3$

RADIALL®

R574302320 0 - 3 GHz

Un: 12V

Lot : _ _ _ _





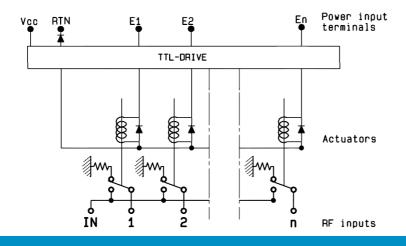
TOP VIEW

BOTTOM V**I**EW

1

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

SCHEMATIC DIAGRAM



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