# **Technical Data Sheet**



SP5T Terminated Ramses SMA 3GHz Latching Indicators 12Vdc TTL

Diodes D-sub connector

SERIE : SPnT PART NUMBER : R574332525

### RF CHARACTERISTICS

PAGE 1/2

Number of ways : 5

ISSUE 10-07-19

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 : LATCHING

Nominal current \*\* : 320 mA / RESET : 1600 mA \*\*\*\*

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

Terminals : 25 pins D-SUB male connector

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 / 20µA at 0.8 V

## MECHANICAL CHARACTERISTICS

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

Switching Time\*\*\* : < 15 ms

Construction : 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)

(\*\*\*\* Reset : supply voltage time 1sec. max. / duty cycle 10%)



# **Technical Data Sheet**

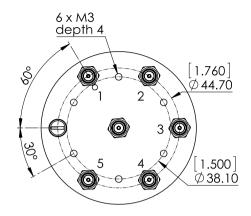


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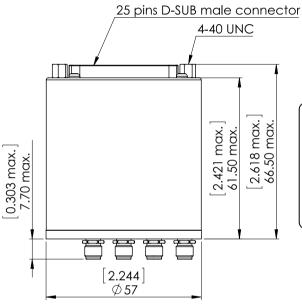
Diodes D-sub connector

PAGE 2/2 ISSUE 10-07-19 SERIE : SPnT PART NUMBER : R574332525

#### **DRAWING**



TTL input	RF Continuity	Ind.
RESET = 1	All ports open	
E1 = 1	IN ↔ 1	D.E
E2 = 1	$IN \leftrightarrow 2$	D.F
E3 = 1	IN ↔ 3	D.G
E4 = 1	IN ↔ 4	D.H
E5 = 1	IN ↔ 5	D.I



# 

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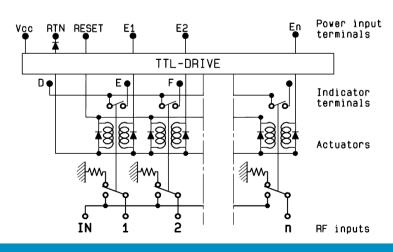
RADIALL® R574332525 0 - 3 GHz Un : 12V Lot : \_ \_ \_



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

# SCHEMATIC DIAGRAM



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