## **Technical Data Sheet**



SP6T Terminated Ramses SMA 3GHz Normally open 28Vdc TTL Diodes

D-sub connector

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#### RF CHARACTERISTICS

Number of ways : 6

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 \*\* : 102 mA

Actuator voltage (Vcc) : 28V (24 to 30V)

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 : 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)



# **Technical Data Sheet**

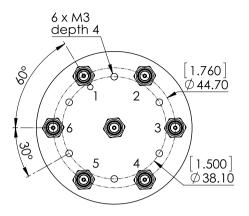


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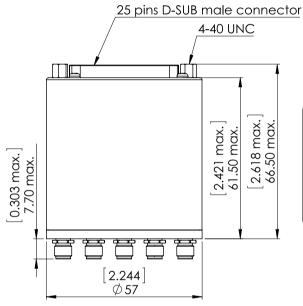
D-sub connector

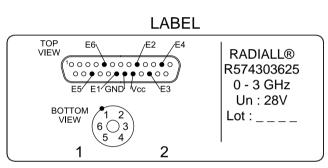
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#### **DRAWING**



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

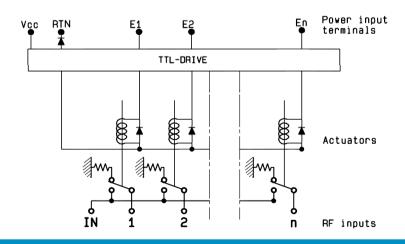






# General tolerances : ±0,5 mm [0,02 in]

## SCHEMATIC DIAGRAM



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