# **Technical Data Sheet**



SP8T Terminated Ramses SMA 3GHz Latching Self-cut-off Auto-reset Indicators 28Vdc TTL Diodes D-sub connector

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#### RF CHARACTERISTICS

Number of ways : 8

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 \*\* : 375 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\*\*\* : < 50 msConstruction : Splashproof
Weight : < 280 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)



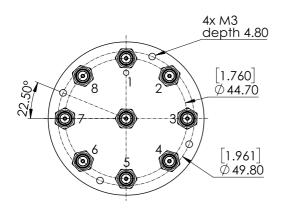




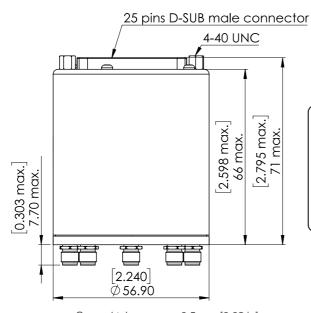
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#### **DRAWING**



RF Continuity	Ind.
IN ↔ 1	D.E
$IN \leftrightarrow 2$	D.F
$IN \leftrightarrow 3$	D.G
$IN \leftrightarrow 4$	D.H
IN ↔ 5	D.I
IN ↔ 6	D.J
$IN \leftrightarrow 7$	D.K
$IN \leftrightarrow 8$	D.L
	$\begin{array}{c} \text{IN} \leftrightarrow 1 \\ \text{IN} \leftrightarrow 2 \\ \text{IN} \leftrightarrow 3 \\ \text{IN} \leftrightarrow 4 \\ \text{IN} \leftrightarrow 5 \\ \text{IN} \leftrightarrow 6 \\ \text{IN} \leftrightarrow 7 \end{array}$



# TOP VIEW RADIALL® R574393825 0 - 3 GHz Un : 28V Lot : \_\_\_\_\_

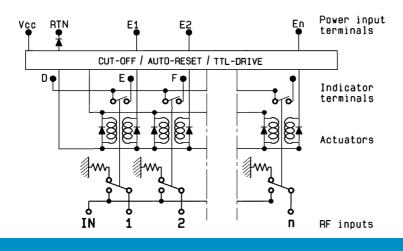


1

2

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

## SCHEMATIC DIAGRAM



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