



SP6T Ramses SMA2.9 40GHz Latching Self-cut-off Auto-reset Indicators 12Vdc TTL Diodes D-sub connector

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#### RF CHARACTERISTICS

Number of ways : 6

Frequency range : 0 - 40 GHz Impedance : 50 Ohms

Frequency (GHz)	DC - 6	6 - 12.4	12.4 - 18	18 - 26.5	26.5 - 40
VSWR max	1.30	1.40	1.50	1.70	2.20
Insertion loss max	0.20 dB	0.40 dB	0.50 dB	0.70 dB	1.10 dB
Isolation min	70 dB	60 dB	60 dB	55 dB	50 dB
Average power (*)	40 W	30 W	25 W	15 W	5 W

#### **ELECTRICAL CHARACTERISTICS**

Actuator : LATCHING
Nominal current \*\* : 960 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 : SMA 2.9 female per MIL-C 39012
Life : 2 million cycles per position

Switching Time\*\*\* : < 40 ms Construction : Splashproof Weight : < 220 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)



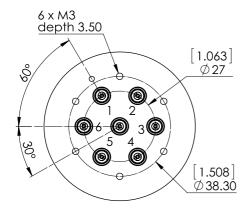




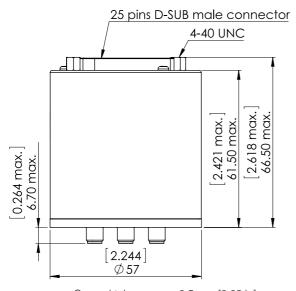
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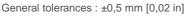
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#### **DRAWING**

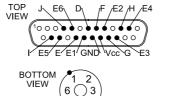


TTL input	RF Continuity	Ind.
E1 = 1	IN ↔ 1	D.E
E2 = 1	$IN \leftrightarrow 2$	D.F
E3 = 1	IN ↔ 3	D.G
E4 = 1	IN ↔ 4	D.H
E5 = 1	IN ↔ 5	D.I
E6 = 1	IN ↔ 6	D.J





# LABEL



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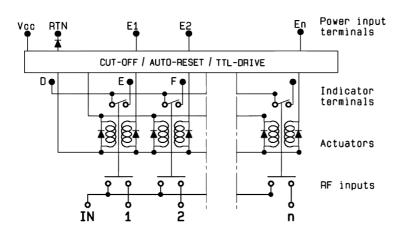
**RADIALL®** R573892625 0 - 40 GHz Un: 12V

Lot : \_ \_ \_ \_



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## **SCHEMATIC DIAGRAM**



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