# **Technical Data Sheet**



SP6T Ramses SMA 26.5GHz Normally open 12Vdc Positive common Pins Terminals

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#### RF CHARACTERISTICS

Number of ways : 6

Frequency range : 0 - 26.5 GHz Impedance : 50 Ohms

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

## **ELECTRICAL CHARACTERISTICS**

Actuator : NORMALLY OPEN

Nominal current \*\* : 250 mA

Actuator voltage (Vcc) : 12V (10.2 to 13V) / POSITIVE COMMON Terminals : solder pins (250°C max. / 30 sec.)

### MECHANICAL CHARACTERISTICS

Connectors : SMA 2.9 female per MIL-C 39012
Life : 2 million cycles per position

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

Construction : Splashproof

Weight : <180 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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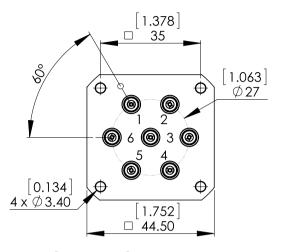
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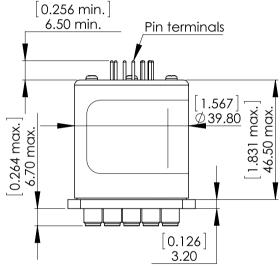
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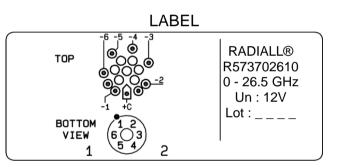
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#### **DRAWING**



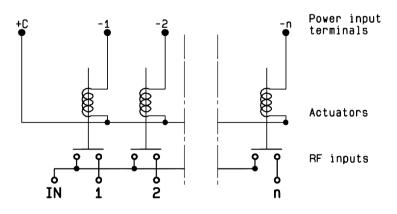
Voltage	RF Continuity	
+C -1	$IN \leftrightarrow 1$	
+C -2	$IN \leftrightarrow 2$	
+C -3	$IN \leftrightarrow 3$	
+C -4	$IN \leftrightarrow 4$	
+C -5	IN ↔ 5	
+C -6	$IN \leftrightarrow 6$	





General tolerances: ±0,5 mm [0,02 in]

## SCHEMATIC DIAGRAM



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