## **Technical Data Sheet**



SP6T Terminated Ramses N 12.4GHz Latching 28Vdc Positive common

Pins Terminals

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#### RF CHARACTERISTICS

Number of ways : 6

Frequency range : 0 - 12.4 GHz Impedance : 50 Ohms

Frequency (GHz)	DC - 3	3 - 8	8 - 12.4
VSWR max	1.20	1.35	1.50
Insertion loss max	0.20 dB	0.35 dB	0.50 dB
Isolation min	80 dB	70 dB	60 dB
Average power (*)	400 W	250 W	200 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 \*\* : 125 mA / RESET : 750 mA \*\*\*\*

Actuator voltage (Vcc) : 28V (24 to 30V) / POSITIVE COMMON
Terminals : solder pins (250°C max. / 30 sec.)

#### MECHANICAL CHARACTERISTICS

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

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

Construction : Splashproof

Weight : < 460 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**

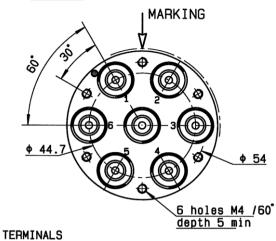


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SERIE: SPnT PART NUMBER: **R574123610** 



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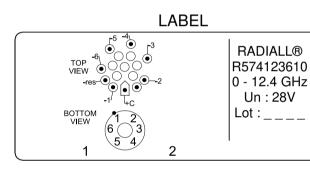


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Voltage	RF Continuity	
+C -RESET	All ports open	
+C -1	IN ↔ 1	
+C -2	$IN \leftrightarrow 2$	
+C -3	IN ↔ 3	
+C -4	$IN \leftrightarrow 4$	
+C -5	IN ↔ 5	
+C -6	IN ↔ 6	

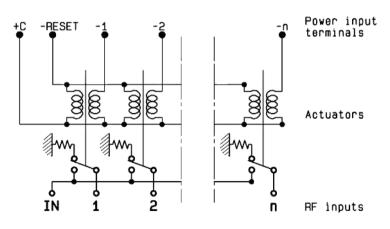
# Jax MA A AM Φ. ≡ax 22

Ф 63.5



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

### SCHEMATIC DIAGRAM



Xem

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