# **Technical Data Sheet**



SP4T Terminated Ramses N 12.4GHz Normally open 12Vdc D-sub connector

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### RF CHARACTERISTICS

Number of ways : 4

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 : NORMALLY OPEN

Nominal current \*\* : 250 mA

Actuator voltage (Vcc) : 12V (10.2 to 13V) / NEGATIVE COMMON

Terminals : 25 pins D-SUB male connector

### 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)



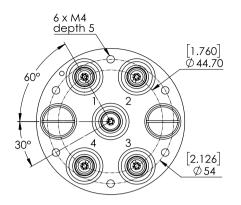
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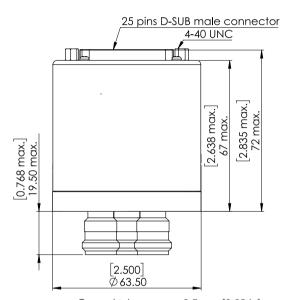
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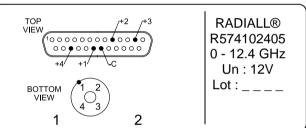
#### **DRAWING**



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

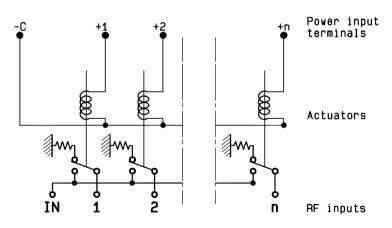


# LABEL



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

# SCHEMATIC DIAGRAM



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