## **Technical Data Sheet**



SP8T Terminated Ramses N 8GHz Normally open 12Vdc D-sub connector

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#### RF CHARACTERISTICS

Number of ways : 8

Frequency range : 0 - 8 GHz Impedance : 50 Ohms

Frequency (GHz)	DC - 3	3 - 8
VSWR max	1.30	1.50
Insertion loss max	0.30 dB	0.50 dB
Isolation min	80 dB	70 dB
Average power (*)	400 W	250 W

VSWR values are not applicable for internal terminations

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 msConstruction : Splashproof
Weight : < 680 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)



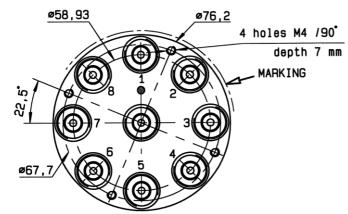
## **Technical Data Sheet**



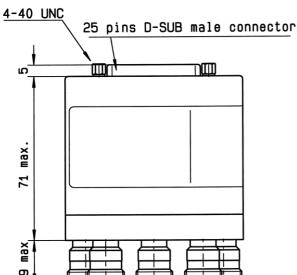
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#### **DRAWING**



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	$IN \leftrightarrow 5$	
-C +6	IN ↔ 6	
-C +7	$IN \leftrightarrow 7$	
-C +8	$IN \leftrightarrow 8$	

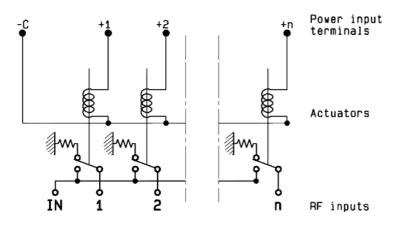


# TOP VIEW RADIALL® R574102805

0 - 8 GHz Un : 12V Lot : \_ \_ \_ \_

General tolerances: ±0,5 mm [0,02 in]

### SCHEMATIC DIAGRAM



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