



SP4T Terminated Ramses SMA 18GHz Latching Self-cut-off Auto-reset Indicators 12Vdc Diodes D-sub connector

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### RF CHARACTERISTICS

Number of ways : 4

Frequency range : 0 - 18 GHz Impedance : 50 Ohms

Frequency (GHz)	DC - 3	3 - 8	8 - 12.4	12.4 - 18
VSWR max	1,20	1,30	1,40	1,50
Insertion loss max	0.20 dB	0.30 dB	0.40 dB	0.50 dB
Isolation min	80 dB	70 dB	60 dB	60 dB
Average power (*)	240 W	150 W	120 W	100 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 \*\* : 640 mA

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

Terminals : 25 pins D-SUB male connector

## MECHANICAL CHARACTERISTICS

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

Switching Time\*\*\* : < 40 ms

Construction : Splashproof

Weight : < 250 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)



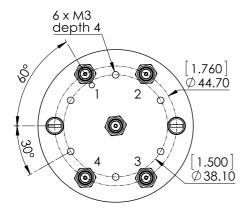




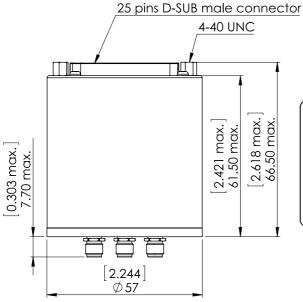
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### **DRAWING**



Voltage	RF Continuity	Ind.
-C +1	$IN \leftrightarrow 1$	D.E
-C +2	$IN \leftrightarrow 2$	D.F
-C +3	$IN \leftrightarrow 3$	D.G
-C +4	IN ↔ 4	D.H

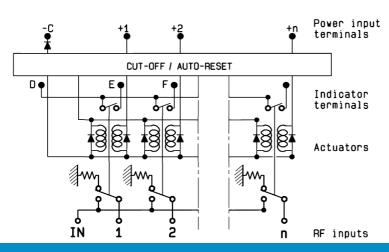


General tolerances: ±0,5 mm [0,02 in]

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# SCHEMATIC DIAGRAM



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