# **Technical Data Sheet**



SP3T Ramses SMA 18GHz Latching Self-cut-off Auto-reset 28Vdc

Diodes D-sub connector

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### **RF CHARACTERISTICS**

Number of ways

Frequency range : 0 - 18 GHz : 50 Ohms Impedance

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

## **ELECTRICAL CHARACTERISTICS**

: LATCHING Actuator Nominal current \*\* : 250 mA

Actuator voltage (Vcc) : 28V (24 to 30V) / NEGATIVE COMMON

: 25 pins D-SUB male connector **Terminals** 

Self cut-off time : 40 ms < CT < 120 ms

### MECHANICAL CHARACTERISTICS

Connectors : SMA female per MIL-C 39012 : 5 million cycles per position Life

Switching Time\*\*\* : < 40 ms Construction : Splashproof Weight : < 220 g

### **ENVIRONMENTAL CHARACTERISTICS**

: -40°C to +85°C Operating temperature range Storage temperature range : -55°C to +85°C

Average power at 25°C per RF Path)

At 25° C ±10%)

Nominal voltage; 25° C)





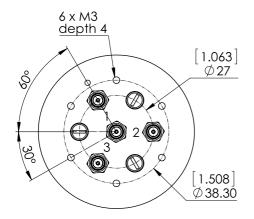


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### DRAWING

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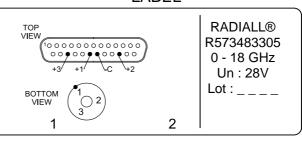
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Voltage	RF Continuity	
-C +1	$IN \leftrightarrow 1$	
-C +2	$IN \leftrightarrow 2$	
-C +3	$IN \leftrightarrow 3$	

# 25 pins D-SUB male connector 4-40 UNC [2.421 max.] [2.618 max.] [2.618 max.] [2.618 max.] [2.618 max.]

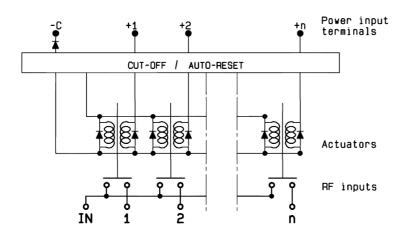
General tolerances: ±0,5 mm [0,02 in]

# LABEL





# SCHEMATIC DIAGRAM



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