## **Technical Data Sheet**



SP12T Terminated Ramses SMA 12.4GHz Normally open 12Vdc Positive common Pins Terminals

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#### RF CHARACTERISTICS

Number of ways : 12

Frequency range : 0 - 12.4 GHz Impedance : 50 Ohms

Frequency (GHz)	DC - 3	3 - 8	8 - 12.4
VSWR max	1,20	1,40	1,60
Insertion loss max	0.20 dB	0.40 dB	0.60 dB
Isolation min	80 dB	70 dB	60 dB
Average power (*)	240 W	150 W	120 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) / POSITIVE COMMON
Terminals : solder pins (250°C max. / 30 sec.)

#### MECHANICAL CHARACTERISTICS

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

Switching Time\*\*\* : < 15 msConstruction : Splashproof
Weight : < 400 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)

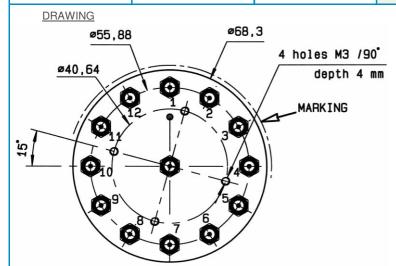


## **Technical Data Sheet**

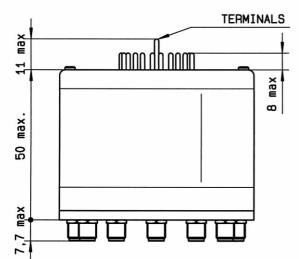


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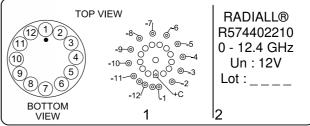
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Voltage	RF Continuity
+C -1	$IN \leftrightarrow 1$
+C -2	$IN \leftrightarrow 2$
+C -3	$IN \leftrightarrow 3$
+C -4	$IN \leftrightarrow 4$
+C -5	$IN \leftrightarrow 5$
+C -6	IN ↔ 6
+C -7	$IN \leftrightarrow 7$
+C -8	IN ↔ 8
+C -9	IN ↔ 9
+C -10	IN ↔ 10
+C -11	IN ↔ 11
+C -12	IN ↔ 12

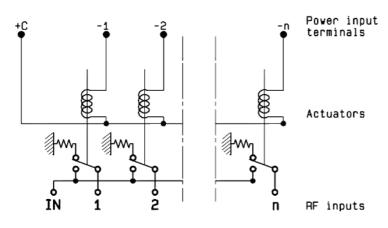


# LABEL



General tolerances: ±0,5 mm [0,02 in]

### SCHEMATIC DIAGRAM



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