# **Technical Data Sheet**



SP8T Terminated Ramses SMA 3GHz Normally open 12Vdc Positive common Pins Terminals

PAGE 1/2 ISSUE 22-03-22 SERIE : SPnT PART NUMBER : R574302810

#### RF CHARACTERISTICS

Number of ways : 8

Frequency range : 0 - 3 GHz Impedance : 50 Ohms

Frequency (GHz)	DC - 3
VSWR max	1.20
Insertion loss max	0.20 dB
Isolation min	80 dB
Average power (*)	240 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 : < 280 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)



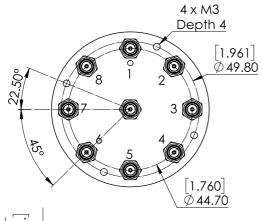




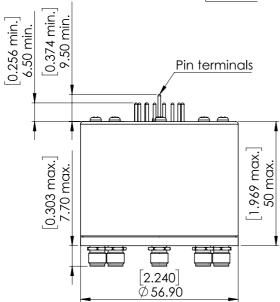
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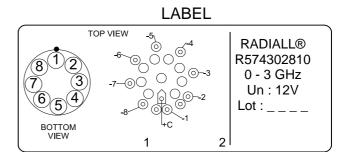
PAGE 2/2 ISSUE 22-03-22 SERIE : SPnT PART NUMBER : R574302810

### **DRAWING**



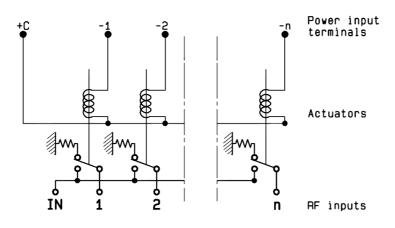
Voltage	RF Continuity
+C -1	$IN \leftrightarrow 1$
+C -2	$IN \leftrightarrow 2$
+C -3	$IN \leftrightarrow 3$
+C -4	$IN \leftrightarrow 4$
+C -5	$IN \leftrightarrow 5$
+C -6	IN ↔ 6
+C -7	$IN \leftrightarrow 7$
+C -8	$IN \leftrightarrow 8$





General tolerances: ±0,5 mm [0,02 in]

## SCHEMATIC DIAGRAM



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