## **Technical Data Sheet**



SP6T Ramses QMA 6GHz Normally open 12Vdc Positive common Pins Terminals

PAGE 1/2 ISSUE 10-07-19 SERIE : SPNT PART NUMBER : R573E02610

#### **RF CHARACTERISTICS**

Number of ways : 6

Frequency range : 0 - 6 GHz Impedance : 50 Ohms

Frequency (GHz)	DC - 3	3 - 6
VSWR max	1.20	1.30
Insertion loss max	0.20 dB	0.30 dB
Isolation min	80 dB	70 dB
Average power (*)	240 W	170 W

#### **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 : QMA female per MIL-C 39012 Life : 5 million cycles per position

Switching Time\*\*\* : <15 ms

Construction : Splashproof

Weight : <180 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)



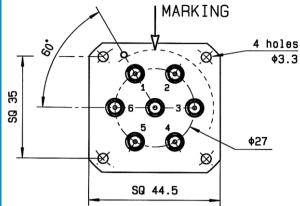
## **Technical Data Sheet**



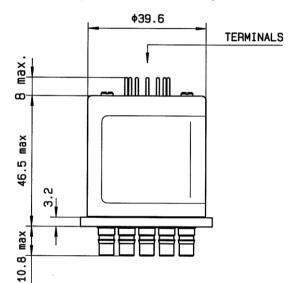
SP6T Ramses QMA 6GHz Normally open 12Vdc Positive common Pins Terminals

PAGE **2/2** ISSUE 10-07-19 SERIE: SPnT PART NUMBER: R573E02610

# **DRAWING**



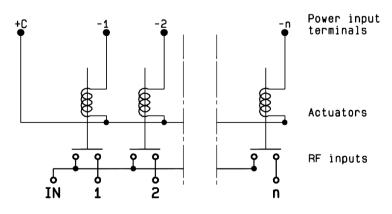
Voltage	RF Continuity	
+C -1	$IN \leftrightarrow 1$	
+C -2	$IN \leftrightarrow 2$	
+C -3	$IN \leftrightarrow 3$	
+C -4	$IN \leftrightarrow 4$	
+C -5	IN ↔ 5	
+C -6	$IN \leftrightarrow 6$	



## LABEL **RADIALL®** R573E02610 0 - 6 GHz Un: 12V Lot : \_ \_ \_ \_ BOTTOM VIEW 1

General tolerances: ±0,5 mm [0,02 in]

#### SCHEMATIC DIAGRAM



This document contains proprietary information and such information shall not be disclosed to any third party for any purpose whatsoever or used for manufacturing purposes without prior written agreement from Radiall. The data defined in this document are given as an indication, in the effort to improve our products; we reserve the right to make any changes judged necessary.