Technical Data Sheet



SP12T Ramses SMA 3GHz Normally open 12Vdc Positive common Pins Terminals

PAGE 1/2 | ISSUE 22-03-22 | SERIE : SPNT | PART NUMBER : R573302210

RF CHARACTERISTICS

Number of ways : 12
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

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)

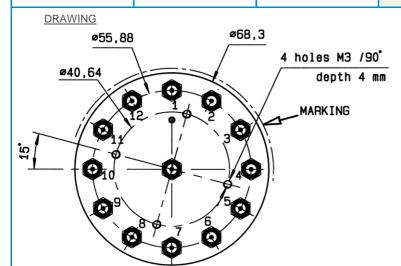


Technical Data Sheet

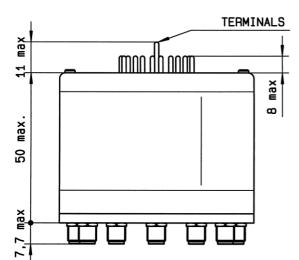


SP12T Ramses SMA 3GHz Normally open 12Vdc Positive common Pins Terminals

PAGE 2/2 ISSUE 22-03-22 SERIE : SPnT PART NUMBER : R573302210

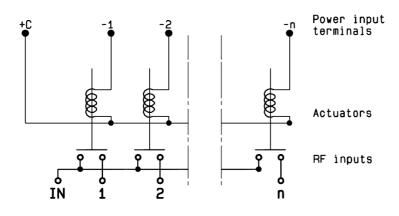


Voltage	RF Continuity
+C -1	$IN \leftrightarrow 1$
+C -2	$IN \leftrightarrow 2$
+C -3	$IN \leftrightarrow 3$
+C -4	$IN \leftrightarrow 4$
+C -5	$IN \leftrightarrow 5$
+C -6	IN ↔ 6
+C -7	$IN \leftrightarrow 7$
+C -8	IN ↔ 8
+C -9	IN ↔ 9
+C -10	IN ↔ 10
+C -11	IN ↔ 11
+C -12	IN ↔ 12



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.