Technical Data Sheet



SP8T Ramses N 3GHz Normally open 12Vdc Pins Terminals

PAGE 1/2 ISSUE 22-03-22 SERIE: SPnT PART NUMBER: R573002800

RF CHARACTERISTICS

Number of ways : 8

Frequency range : 0 - 3 GHz Impedance : 50 Ohms

Frequency (GHz)	DC - 3
VSWR max	1.30
Insertion loss max	0.30 dB
Isolation min	80 dB
Average power (*)	400 W

ELECTRICAL CHARACTERISTICS

Actuator : NORMALLY OPEN

Nominal current ** : 250 mA

Actuator voltage (Vcc) : 12V (10.2 to 13V) / NEGATIVE COMMON

Terminals : solder pins (250°C max. / 30 sec.)

MECHANICAL CHARACTERISTICS

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

Switching Time*** : <15 ms

Construction : Splashproof

Weight : < 680 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)

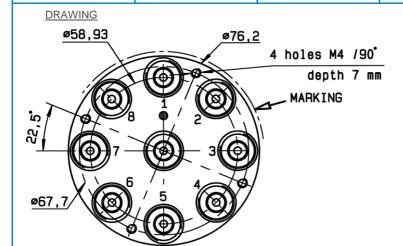


Technical Data Sheet

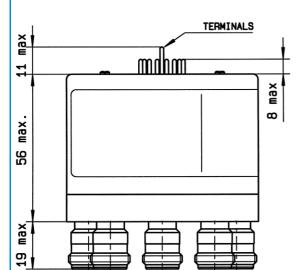


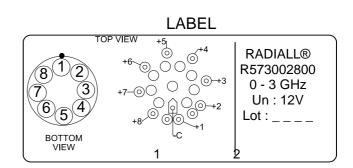
SP8T Ramses N 3GHz Normally open 12Vdc Pins Terminals

PAGE 2/2 ISSUE 22-03-22 SERIE : SPnT PART NUMBER : R573002800



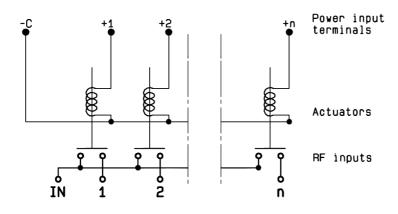
Voltage	RF Continuity
-C +1	$IN \leftrightarrow 1$
-C +2	$IN \leftrightarrow 2$
-C +3	$IN \leftrightarrow 3$
-C +4	$IN \leftrightarrow 4$
-C +5	$IN \leftrightarrow 5$
-C +6	$IN \leftrightarrow 6$
-C +7	$IN \leftrightarrow 7$
-C +8	$IN \leftrightarrow 8$





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.