Technical Data Sheet



SP6T Ramses BNC 3GHz Latching 28Vdc Pins terminals

PAGE 1/2 | ISSUE 22-03-22 | SERIE : SPNT | PART NUMBER : R573223600

RF CHARACTERISTICS

Number of ways : 6

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 (*)	400 W

ELECTRICAL CHARACTERISTICS

Actuator : LATCHING

Nominal current ** : 125 mA / RESET : 750 mA ****

Actuator voltage (Vcc) : 28V (24 to 30V) / NEGATIVE COMMON Terminals : solder pins (250°C max. / 30 sec.)

MECHANICAL CHARACTERISTICS

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

Switching Time*** : < 15 msConstruction : Splashproof
Weight : < 460 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)

(**** Reset : supply voltage time 1sec. max. / duty cycle 10%)

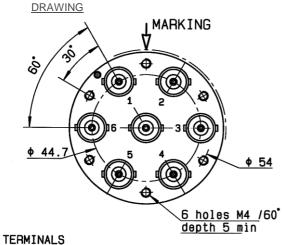


Technical Data Sheet

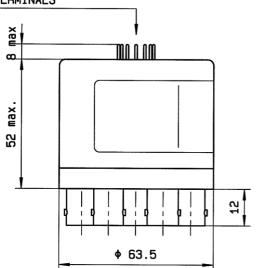


SP6T Ramses BNC 3GHz Latching 28Vdc Pins terminals

PAGE 2/2 ISSUE 22-03-22 SERIE : SPnT PART NUMBER : R573223600

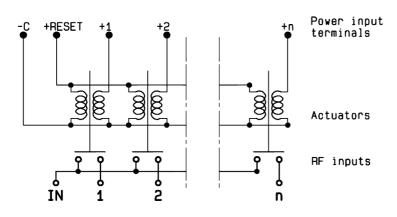


Voltage	RF Continuity	
-C +RESET	All ports open	
-C +1	$IN \leftrightarrow 1$	
-C +2	$IN \leftrightarrow 2$	
-C +3	$IN \leftrightarrow 3$	
-C +4	$IN \leftrightarrow 4$	
-C +5	IN ↔ 5	
-C +6	$IN \leftrightarrow 6$	



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.