Technical Data Sheet



SP6T Terminated Ramses SMA 3GHz Latching Self-cut-off Auto-reset 28Vdc Diodes D-sub connector

PAGE 1/2 ISSUE 22-03-22 SERIE : SPnT PART NUMBER : R574383605

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 (*)	240 W

TERMINATION IMPEDANCE : 50 Ohms

TERM. AVG. POWER AT 25° C : 1 W per termination / 3 W total power

ELECTRICAL CHARACTERISTICS

Actuator : LATCHING
Nominal current ** : 375 mA

Actuator voltage (Vcc) : 28V (24 to 30V) / NEGATIVE COMMON
Terminals : 25 pins D-SUB male connector

Self cut-off time : 40 ms < CT < 120 ms

MECHANICAL CHARACTERISTICS

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

Switching Time*** : < 40 msConstruction : Splashproof
Weight : < 250 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)



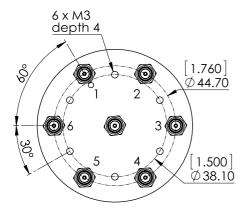




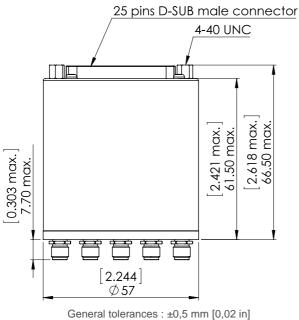
SP6T Terminated Ramses SMA 3GHz Latching Self-cut-off Auto-reset 28Vdc Diodes D-sub connector

PAGE 2/2 ISSUE 22-03-22 SERIE : SPnT PART NUMBER : R574383605

DRAWING



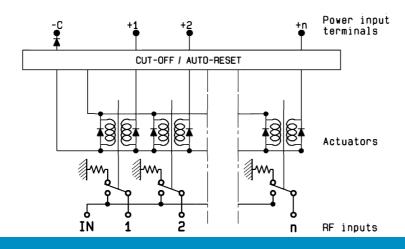
Voltage	RF Continuity
-C +1	$IN \leftrightarrow 1$
-C +2	$IN \leftrightarrow 2$
-C +3	$IN \leftrightarrow 3$
-C +4	$IN \leftrightarrow 4$
-C +5	IN ↔ 5
-C +6	$IN \leftrightarrow 6$





•

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.