## **Technical Data Sheet**



SP10T Ramses SMA 22GHz Latching Self-cut-off Auto-reset Indicators 28Vdc Diodes D-sub connector

PAGE 1/2 ISSUE 06-02-18 SERIE : SPnT PART NUMBER : R573F93005

#### RF CHARACTERISTICS

Number of ways : 10

Frequency range : 0 - 22 GHz Impedance : 50 Ohms

Frequency (GHz)	DC - 3	3 - 8	8 - 12.4	12.4 - 15.5	15.5 - 18	18 - 22
VSWR max	1.20	1.30	1.40	1.50	1.70	1.80
Insertion loss max	0.20 dB	0.30 dB	0.40 dB	0.50 dB	0.70 dB	0.80 dB
Isolation min	80 dB	70 dB	60 dB	60 dB	55 dB	55 dB
Average power (*)	240 W	150 W	120 W	110 W	100 W	90 W

### **ELECTRICAL CHARACTERISTICS**

Actuator : LATCHING
Nominal current \*\* : 500 mA

Actuator voltage (Vcc) : 28V (24 to 30V) / NEGATIVE COMMON

Terminals : 25 pins D-SUB male connector

Indicator rating : 1 W / 30 V / 100 mA
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\*\*\* : < 50 msConstruction : Splashproof
Weight : < 360 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)



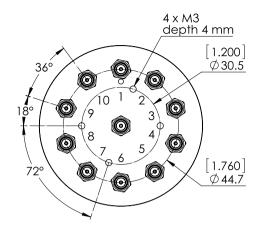




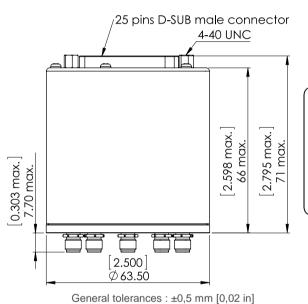
SP10T Ramses SMA 22GHz Latching Self-cut-off Auto-reset Indicators 28Vdc Diodes D-sub connector

PAGE **2/2** ISSUE 06-02-18 SERIE: SPnT PART NUMBER: R573F93005

#### **DRAWING**



Voltage	RF Continuity	Ind.
-C +1	IN ↔ 1	D.E
-C +2	$IN \leftrightarrow 2$	D.F
-C +3	$IN \leftrightarrow 3$	D.G
-C +4	$IN \leftrightarrow 4$	D.H
-C +5	IN ↔ 5	D.I
-C +6	IN ↔ 6	D.J
-C +7	IN ↔ 7	D.K
-C +8	IN ↔ 8	D.L
-C +9	IN ↔ 9	D.M
-C +10	IN ↔ 10	D.N



# LABEL TOP VIEW

10

**RADIALL®** R573F93005 0 - 22 GHz Un: 28V

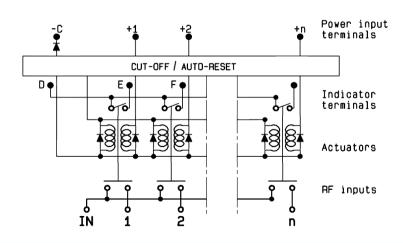
Lot:\_\_\_\_



1

2

## 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.

# **Mouser Electronics**

**Authorized Distributor** 

Click to View Pricing, Inventory, Delivery & Lifecycle Information:

Radiall: