# **Technical Data Sheet**



SP4T Terminated Ramses SMA 26GHz Latching Indicators 28Vdc
Positive common Diodes D-Sub connector

PAGE 1/2 ISSUE 17.12.13 SERIE : SPNT PART NUMBER : R574F33445

### RF CHARACTERISTICS

Number of ways : 4

Frequency range : 0 - 26.5 GHz Impedance : 50 Ohms

Frequency (GHz)	DC - 3	3 - 8	8 - 12.4	12.4 - 18	18-26.5
VSWR max	1,20	1,30	1,40	1,50	1,70
Insertion loss max	0.20 dB	0.30 dB	0.40 dB	0.50 dB	0.70 dB
Isolation min	80 dB	70 dB	60 dB	60 dB	50 dB
Average power (*)	240 W	150 W	120 W	100 W	40 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 \*\* : 125 mA / RESET : 500 mA \*\*\*\*

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

Terminals : 25 pins D-SUB male connector

Indicator rating : 1 W / 30 V / 100 mA

# MECHANICAL CHARACTERISTICS

Connectors : SMA female per MIL-C 39012 Life : 2.000.000 cycles per position

Switching Time\*\*\* : <15 ms

Construction : 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)

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



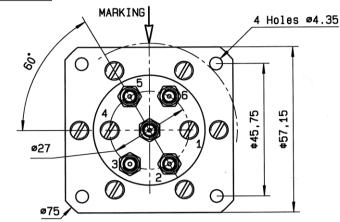




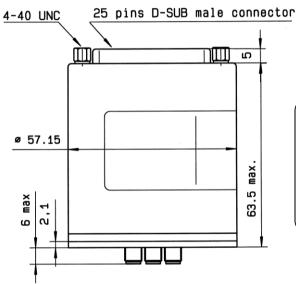
SP4T Terminated Ramses SMA 26GHz Latching Indicators 28Vdc
Positive common Diodes D-Sub connector

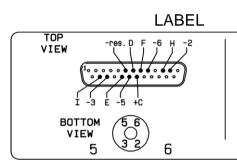
PAGE 2/2 ISSUE 17.12.13 SERIE : SPnT PART NUMBER : R574F33445

### **DRAWING**



Voltage	RF Continuity	Ind.
+C -RESET	All ports open	
+C -2	$IN \leftrightarrow 2$	D.H
+C -3	IN ↔ 3	D.I
+C -5	IN ↔ 5	D.E
+C -6	IN ↔ 6	D.F



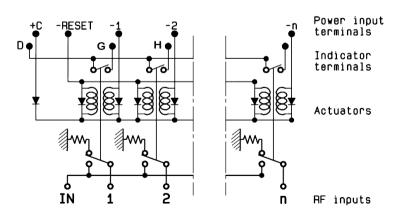


RADIALL® R574F33445 0 - 26.5 GHz Un : 28V Lot : \_ \_ \_ \_



General tolerances: ±0.5 mm

## 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: