Technical Data Sheet



SP3T Terminated Ramses SMA 3GHz Normally open Indicators 28Vdc Diodes D-sub connector

PAGE 1/2 ISSUE 22-03-22 SERIE : SPnT PART NUMBER : R574313335

RF CHARACTERISTICS

Number of ways : 3

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 : NORMALLY OPEN

Nominal current ** : 102 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

MECHANICAL CHARACTERISTICS

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

Switching Time*** : < 15 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)



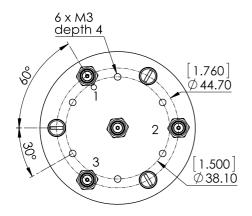




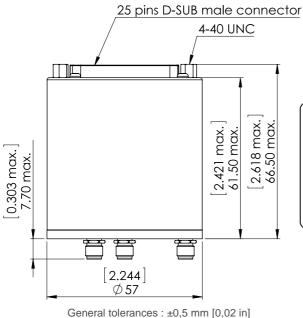
SP3T Terminated Ramses SMA 3GHz Normally open Indicators 28Vdc Diodes D-sub connector

PAGE **2/2** ISSUE 22-03-22 SERIE: SPnT PART NUMBER: **R574313335**

DRAWING



| Voltage | RF Continuity | Ind. |
|---------|------------------------|------|
| -C +1 | $IN \leftrightarrow 1$ | D.E |
| -C +2 | $IN \leftrightarrow 2$ | D.F |
| -C +3 | $IN \leftrightarrow 3$ | D.G |



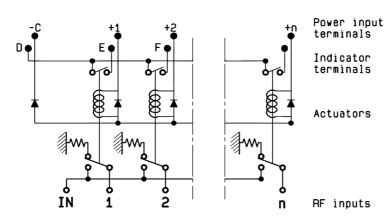
LABEL

TOP VIEW BOTTOM VIEW 1 2

RADIALL® R574313335 0 - 3 GHz Un: 28V Lot : _ _ _ _



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.