Technical Data Sheet



SP6T Terminated Ramses SMA2.9 40GHz Normally open 12Vdc TTL

Drive D-sub connector

PAGE 1/2 ISSUE 26-01-17 SERIE : SPnT PART NUMBER : R574802625

RF CHARACTERISTICS

Number of ways : 6

Frequency range : 0 - 40 GHz Impedance : 50 Ohms

Frequency (GHz)	DC - 6	6 - 12.4	12.4 - 18	18 - 26.5	26.5 - 40
VSWR max	1.30	1.40	1.50	1.70	2.20
Insertion loss max	0.20 dB	0.40 dB	0.50 dB	0.70 dB	1.10 dB
Isolation min	70 dB	60 dB	60 dB	55 dB	50 dB
Average power (*)	40 W	30 W	25 W	15 W	5 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 ** : 250 mA

Actuator voltage (Vcc) : 12V (10.2 to 13V)

Terminals : 25 pins D-SUB male connector TTL inputs (E) - High level : 2.2 to 5.5 V / 800µA at 5.5 V

- Low level : 0 to 0.8 V / 20µA at 0.8 V

MECHANICAL CHARACTERISTICS

Connectors : SMA 2.9 female per MIL-C 39012
Life : 2 million 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)





PART NUMBER: **R574802625**

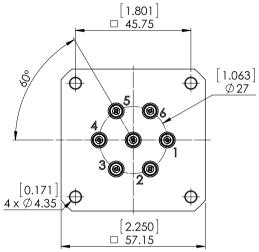


SP6T Terminated Ramses SMA2.9 40GHz Normally open 12Vdc TTL

Drive D-sub connector

DRAWING

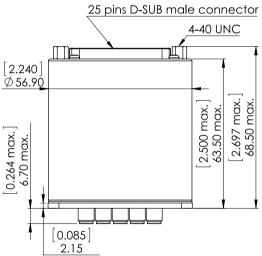
PAGE **2/2**



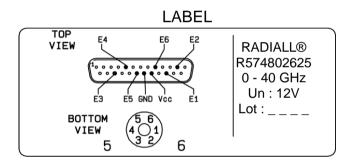
ISSUE 26-01-17

SERIE: SPnT

TTL input	RF Continuity		
E1 = 1	$IN \leftrightarrow 1$		
E2 = 1	$IN \leftrightarrow 2$		
E3 = 1	IN ↔ 3		
E4 = 1	$IN \leftrightarrow 4$		
E5 = 1	IN ↔ 5		
E6 = 1	IN ↔ 6		

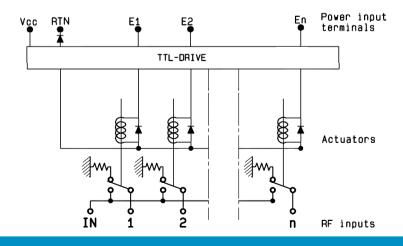


General tolerances: ±0,5 mm [0,02 in]





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.

X-ON Electronics

Largest Supplier of Electrical and Electronic Components

Click to view similar products for High Frequency / RF Relays category:

Click to view products by Radiall manufacturer:

Other Similar products are found below:

134M4-26 134YZM4-12 136CM9-5 ER136CZM9-5B ER412DYM-12B ARA200A4HM01 3SBH1020A2 400-192-10 412TM-18

ARN12A12 422DM-26 411T-12 LB363-100-5 D3210 ARN10A12 ER116C-26A ER114ZM4-12A/SQ ER412-26B/Q ER134DYZ-12A 36

AT5 25-200ZA 36 T5 48-000ZA 27 T5 24-200ZA 27 T5 26-200ZA 27 T5 28-200ZA ER411DM4-12A/SQ 732-5/Q

R591362640 R591723400 R595867120 HF3 02 R594873417 R595863115 IM43TS IMB03CTS IM05CGR IM02CGR IM21TS 732TN-26

1-1462038-1 IMB06CTS 1462041-3 1462051-5 1462050-1 1462050-2 G6K-2F-RF-S-DC5 ARE10A4H ARE1024 ARS1012 ARS1024

ARJ22A12