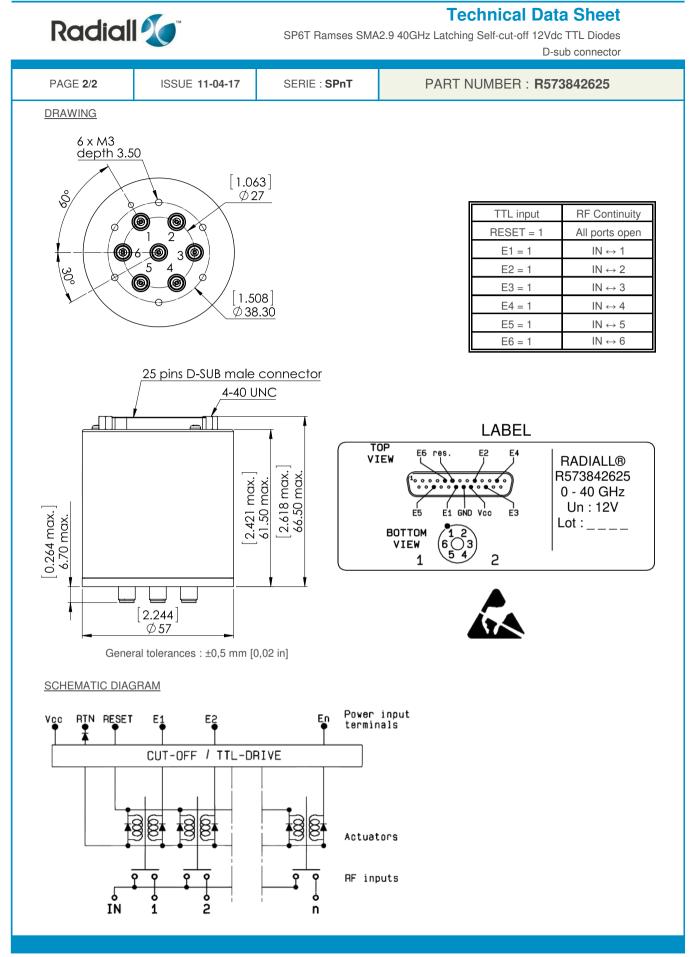


Technical Data Sheet

SP6T Ramses SMA2.9 40GHz Latching Self-cut-off 12Vdc TTL Diodes D-sub connector

| - | DC - 6 1.30 0.20 dB 70 dB 40 W STICS | 6 - 12.4 1.40 0.40 dB 60 dB 30 W | : 40 ms < CT : 2.2 to 5.5 V | 0 13V) UB male cor | | | | | | | | |
|--|---|--|---|--|--|---|--|--|--|--|--|--|
| Ange GHz) s max ver (*) ARACTERIS ARACTERIS rent ** rage (Vcc) ime E) - Hig | 1.30 0.20 dB 70 dB 40 W | 6 - 12.4 1.40 0.40 dB 60 dB 30 W | : 0 - 40 GHz : 50 Ohms 12.4 - 18 1.50 0.50 dB 60 dB 25 W : LATCHING : 320 mA / RE : 12V (10.2 to : 25 pins D-S : 40 ms < CT : 2.2 to 5.5 V | 1.70 0.70 dB 55 dB 15 W ESET : 1920 0 13V) UB male cor | 2.20 1.10 dB 50 dB 5 W | | | | | | | |
| Ange GHz) s max ver (*) ARACTERIS ARACTERIS rent ** rage (Vcc) ime E) - Hig | 1.30 0.20 dB 70 dB 40 W | 6 - 12.4 1.40 0.40 dB 60 dB 30 W | : 0 - 40 GHz : 50 Ohms 12.4 - 18 1.50 0.50 dB 60 dB 25 W : LATCHING : 320 mA / RE : 12V (10.2 to : 25 pins D-S : 40 ms < CT : 2.2 to 5.5 V | 1.70 0.70 dB 55 dB 15 W ESET : 1920 0 13V) UB male cor | 2.20 1.10 dB 50 dB 5 W | | | | | | | |
| GHz) s max ver (*) ver (*) ARACTERIS rent ** rage (Vcc) ime E) - Hig | 1.30 0.20 dB 70 dB 40 W | 6 - 12.4 1.40 0.40 dB 60 dB 30 W | 50 Ohms 12.4 - 18 1.50 0.50 dB 60 dB 25 W 25 W 25 W 12V (10.2 to 25 pins D-S 40 ms < CT 2.2 to 5.5 V | 1.70 0.70 dB 55 dB 15 W ESET : 1920 0 13V) UB male cor | 2.20 1.10 dB 50 dB 5 W | | | | | | | |
| s max ver (*) NRACTERIS rent ** rage (Vcc) ime E) - Hig | 1.30 0.20 dB 70 dB 40 W | 6 - 12.4 1.40 0.40 dB 60 dB 30 W | 12.4 - 18 1.50 0.50 dB 60 dB 25 W | 1.70 0.70 dB 55 dB 15 W ESET : 1920 0 13V) UB male cor | 2.20 1.10 dB 50 dB 5 W | | | | | | | |
| s max ver (*) NRACTERIS rent ** rage (Vcc) ime E) - Hig | 1.30 0.20 dB 70 dB 40 W | 1.40 0.40 dB 60 dB 30 W | 1.50 0.50 dB 60 dB 25 W | 1.70 0.70 dB 55 dB 15 W ESET : 1920 0 13V) UB male cor | 2.20 1.10 dB 50 dB 5 W | | | | | | | |
| NRACTERIS | 0.20 dB 70 dB 40 W | 0.40 dB 60 dB 30 W | 0.50 dB 60 dB 25 W 25 W 25 W 25 W 20 mA / RE 12V (10.2 to 25 pins D-S 40 ms < CT 2.2 to 5.5 V | 0.70 dB 55 dB 15 W ESET : 1920 0 13V) UB male cor | 1.10 dB 50 dB 5 W | | | | | | | |
| NRACTERIS | 70 dB 40 W | 60 dB 30 W | 60 dB 25 W : LATCHING : 320 mA / RE : 12V (10.2 to : 25 pins D-S : 40 ms < CT : 2.2 to 5.5 V | 55 dB 15 W ESET : 1920 9 13V) UB male cor | 50 dB 5 W | | | | | | | |
| ver (*) NRACTERIS rent ** rage (Vcc) ime E) - Hig | 40 W | 30 W | 25 W LATCHING 320 mA / RE 12V (10.2 to 25 pins D-S 40 ms < CT 2.2 to 5.5 V | 15 W ESET : 1920 (9 13V) UB male cor | <u>5 W</u> | | | | | | | |
| NRACTERIS rent ** rage (Vcc) ime E) - Hig | <u>STICS</u> gh level | | : LATCHING : 320 mA / RE : 12V (10.2 to : 25 pins D-S : 40 ms < CT : 2.2 to 5.5 V | ESET : 1920 9 13V) UB male cor | mA **** | | | | | | | |
| rent ** :age (Vcc) ime E) - Hig | gh level | | 2320 mA / RE 12V (10.2 to 25 pins D-S 40 ms < CT 2.2 to 5.5 V | 0 13V) UB male cor | | | | | | | | |
| rent ** :age (Vcc) ime E) - Hig | gh level | | 2320 mA / RE 12V (10.2 to 25 pins D-S 40 ms < CT 2.2 to 5.5 V | 0 13V) UB male cor | | | | | | | | |
| rent ** :age (Vcc) ime E) - Hig | gh level | | 2320 mA / RE 12V (10.2 to 25 pins D-S 40 ms < CT 2.2 to 5.5 V | 0 13V) UB male cor | | | | | | | | |
| age (Vcc) ime E) - Hig | - | | 2320 mA / RE 12V (10.2 to 25 pins D-S 40 ms < CT 2.2 to 5.5 V | 0 13V) UB male cor | | | | | | | | |
| age (Vcc) ime E) - Hig | - | | : 12V (10.2 to : 25 pins D-S : 40 ms < CT : 2.2 to 5.5 V | 0 13V) UB male cor | | | | | | | | |
| ime E) - Hig | - | | 25 pins D-S 40 ms < CT 2.2 to 5.5 V | UB male cor | nector | | | | | | | |
| E) - Hig | - | | : 40 ms < CT : 2.2 to 5.5 V | | nnector | | | | | | | |
| E) - Hig | - | | : 2.2 to 5.5 V | < 120 ms | | : 25 pins D-SUB male connector | | | | | | |
| | - | | | ∶ 40 ms < CT < 120 ms | | | | | | | | |
| - Lov | w level | | | / 800µA at 5. | 5 V | | | | | | | |
| | | | : 0 to 0.8 V / 2 | 20µA at 0.8 V | 1 | | | | | | | |
| MECHANICAL CHARACTERISTICS Connectors Life Switching Time*** Construction Weight | | | SMA 2.9 female per MIL-C 39012 2 million cycles per position < 15 ms Splashproof < 220 g | | | | | | | | | |
| | TERISTICS | | | | | | | | | | | |
| mperature i | range | | : -40°C to +8 | 5°C | | | | | | | | |
| Storage temperature range | | | : -55°C to +85°C | | | | 0H- | | | | | |
| | | | | | | | | | | | | |
| | | | | | | • (| |)•} | | | | |
| | per RF Path) | | | | | C/L | | 5 | | | | |
| 17/01 | `) | | | | | M | PLIF | S | | | | |
| | | / duty over | 10%) | | | ~ | | | | | | |
| age ; 25° C | ime toop may | | = 10 /0) | | | | | | | | | |
| age ; 25° C | time 1sec. max | | | | | | | | | | | |
| age ; 25° C | time 1sec. max | | | | | | | | | | | |
| age ; 25° C | time 1sec. max | | | | | | | | | | | |
| r | mperature perature ra ver at 25°C 1%) age ; 25° C | mperature range perature range ver at 25°C per RF Path) 1%) age ; 25° C) | mperature range perature range ver at 25°C per RF Path) 1%) age ; 25° C) | mperature range : -40°C to +88 perature range : -55°C to +88 ver at 25°C per RF Path) 1%) | mperature range : -40°C to +85°C perature range : -55°C to +85°C ver at 25°C per RF Path) 1%) age ; 25° C) | mperature range : -40°C to +85°C perature range : -55°C to +85°C ver at 25°C per RF Path) %) age ; 25° C) | mperature range : -40°C to +85°C perature range : -55°C to +85°C ver at 25°C per RF Path) 1%) age ; 25° C) | mperature range : -40°C to +85°C perature range : -55°C to +85°C ver at 25°C per RF Path) 1%) age ; 25° C) | mperature range : -40°C to +85°C perature range : -55°C to +85°C wer at 25°C per RF Path) 1%) age ; 25° C) | mperature range : -40°C to +85°C perature range : -55°C to +85°C wer at 25°C per RF Path) 1%) age ; 25° C) | | |

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.



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.