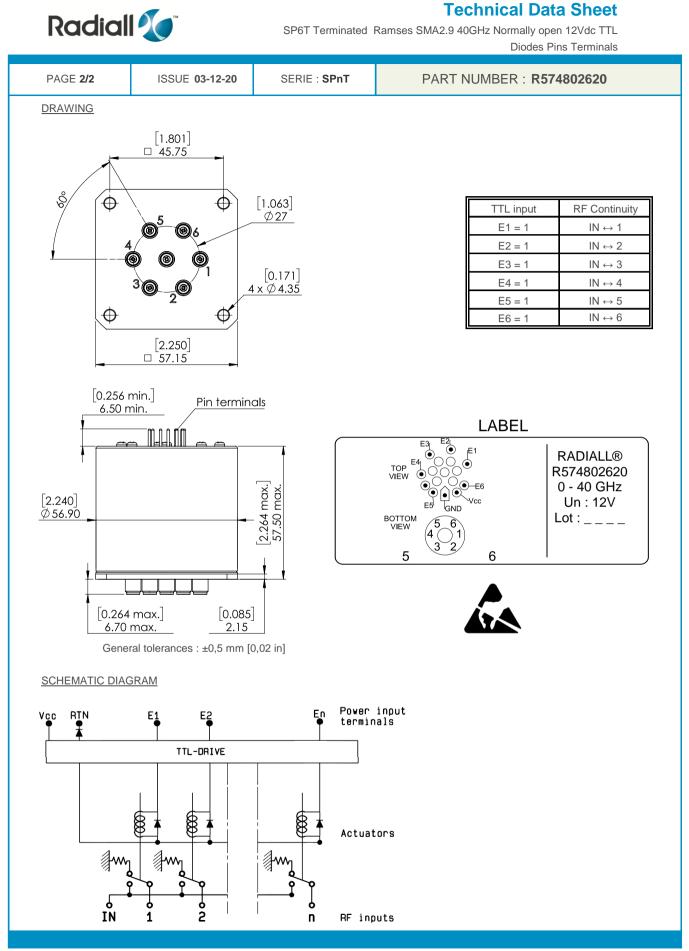


Technical Data Sheet

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

| | ISSUE | 03-12-20 | SERIE | : SPnT | PA | ART NUME | BER : R5 | 74802620 | |
|---|---|---------------------------|----------|---|---|--------------|-----------------|----------|--|
| | STICS | | | | | | | | |
| RF CHARACTERI | 31103 | | | | | | | | |
| Number of v | vays | | : | 6 | | | | | |
| Frequency r | ange | | : | 0 - 40 GHz | | | | | |
| Impedance | | | : | 50 Ohms | | | | | |
| Frequency (| (GHz) | DC - 6 | 6 - 12.4 | 12.4 - 18 | 18 - 26.5 | 26.5 - 40 | 1 | | |
| VSWR max | | 1.30 | 1.40 | 1.50 | 1.70 | 2.20 | | | |
| Insertion los | | 0.20 dB | 0.40 dB | 0.50 dB | 0.70 dB | 1.10 dB | | | |
| Isolation mi | | 70 dB | 60 dB | 60 dB | 55 dB | 50 dB | | | |
| Average pov | | 40 W | 30 W | 25 W | 15 W | 5 W | | | |
| <u>.</u> | | | | | | | | | |
| | ION IMPEDAN | | | 50 Ohms | | | | | |
| TERM. AVG | B. POWER AT | - 25° C | : | 1 W per terr | nination / 3 | W total powe | ər | | |
| | | | | | | | | | |
| ELECTRICAL CH | ARACTERIST | ICS | | | | | | | |
| | | | | | | | | | |
| Actuator | | | | NORMALLY | OPEN | | | | |
| Nominal cur | | | | 250 mA | | | | | |
| Actuator vol | tage (Vcc) | | | 12V (10.2 to | - | | | | |
| Terretienele | | | | | 105000 | (20) | | | |
| Terminals | | leviel | | solder pins | - | - | | | |
| Terminals TTL inputs (| | | : | 2.2 to 5.5 V | / 800µA at 5. | .5 V | | | |
| | (E) - High - Low | | : | - | / 800µA at 5. | .5 V | | | |
| | | | : | 2.2 to 5.5 V | / 800µA at 5. | .5 V | | | |
| | - Low | level | : | 2.2 to 5.5 V | / 800µA at 5. | .5 V | | | |
| TTL inputs (| - Low | level | : | 2.2 to 5.5 V | / 800µA at 5. | .5 V | | | |
| TTL inputs (MECHANICAL CH Connectors | - Low | level | : | 2.2 to 5.5 V 0 to 0.8 V / 2 SMA 2.9 fem | / 800µA at 5. 20µA at 0.8 V nale per MIL | -C 39012 | | | |
| TTL inputs (MECHANICAL CH Connectors Life | - Low | level | : | 2.2 to 5.5 V 0 to 0.8 V / 2 SMA 2.9 fen 2 million cy | / 800µA at 5. 20µA at 0.8 V nale per MIL | -C 39012 | | | |
| TTL inputs (<u>MECHANICAL CH</u> Connectors Life Switching Ti | - Low | level | : | 2.2 to 5.5 V 0 to 0.8 V / 2 SMA 2.9 fen 2 million cy < 15 ms | / 800µA at 5. 20µA at 0.8 V nale per MIL cles per pos | -C 39012 | | | |
| TTL inputs (MECHANICAL CH Connectors Life Switching Ti Construction | - Low | level | : | 2.2 to 5.5 V 0 to 0.8 V / 2 SMA 2.9 fen 2 million cy < 15 ms Splashproo | / 800µA at 5. 20µA at 0.8 V nale per MIL cles per pos | -C 39012 | | | |
| TTL inputs (<u>MECHANICAL CH</u> Connectors Life Switching Ti | - Low | level | : | 2.2 to 5.5 V 0 to 0.8 V / 2 SMA 2.9 fen 2 million cy < 15 ms | / 800µA at 5. 20µA at 0.8 V nale per MIL cles per pos | -C 39012 | | | |
| TTL inputs (MECHANICAL CH Connectors Life Switching Ti Construction | - Low | level | : | 2.2 to 5.5 V 0 to 0.8 V / 2 SMA 2.9 fen 2 million cy < 15 ms Splashproo | / 800µA at 5. 20µA at 0.8 V nale per MIL cles per pos | -C 39012 | | | |
| TTL inputs (MECHANICAL CH Connectors Life Switching Ti Construction | - Low IARACTERIS | level TICS | : | 2.2 to 5.5 V 0 to 0.8 V / 2 SMA 2.9 fen 2 million cy < 15 ms Splashproo | / 800µA at 5. 20µA at 0.8 V nale per MIL cles per pos | -C 39012 | | | |
| TTL inputs (<u>MECHANICAL CH</u> Connectors Life Switching Ti Construction Weight <u>ENVIRONMENTA</u> | - Low IARACTERIS | Ievel TICS ERISTICS | | 2.2 to 5.5 V 0 to 0.8 V / 2 SMA 2.9 fen 2 million cy < 15 ms Splashproo < 250 g | / 800µA at 5. 20µA at 0.8 V nale per MIL cles per pos f | -C 39012 | | | |
| TTL inputs (<u>MECHANICAL CH</u> Connectors Life Switching Ti Construction Weight <u>ENVIRONMENTA</u> Operating te | - Low | Ievel TICS ERISTICS | | 2.2 to 5.5 V 0 to 0.8 V / 2 SMA 2.9 fer 2 million cy < 15 ms Splashproo < 250 g | / 800µA at 5. 20µA at 0.8 V nale per MIL cles per pos f | -C 39012 | | | |
| TTL inputs (<u>MECHANICAL CH</u> Connectors Life Switching Ti Construction Weight <u>ENVIRONMENTA</u> Operating te | - Low IARACTERIS | Ievel TICS ERISTICS | | 2.2 to 5.5 V 0 to 0.8 V / 2 SMA 2.9 fen 2 million cy < 15 ms Splashproo < 250 g | / 800µA at 5. 20µA at 0.8 V nale per MIL cles per pos f | -C 39012 | Ro | HS | |
| TTL inputs (<u>MECHANICAL CH</u> Connectors Life Switching Ti Construction Weight <u>ENVIRONMENTA</u> Operating te | - Low | Ievel TICS ERISTICS | | 2.2 to 5.5 V 0 to 0.8 V / 2 SMA 2.9 fer 2 million cy < 15 ms Splashproo < 250 g | / 800µA at 5. 20µA at 0.8 V nale per MIL cles per pos f | -C 39012 | Ro | HS | |
| TTL inputs (<u>MECHANICAL CH</u> Connectors Life Switching Ti Construction Weight <u>ENVIRONMENTA</u> Operating te Storage terr (* Average poor | - Low IARACTERIS ime*** n L CHARACTE emperature rang operature rang | ERISTICS | | 2.2 to 5.5 V 0 to 0.8 V / 2 SMA 2.9 fer 2 million cy < 15 ms Splashproo < 250 g | / 800µA at 5. 20µA at 0.8 V nale per MIL cles per pos f | -C 39012 | Ro | HS | |
| TTL inputs (<u>MECHANICAL CH</u> Connectors Life Switching Ti Construction Weight <u>ENVIRONMENTA</u> Operating te Storage term (* Average pow (** At 25° C ±10 | - Low IARACTERIST ime*** h L CHARACTE emperature rang operature rang wer at 25°C po 0%) | ERISTICS | | 2.2 to 5.5 V 0 to 0.8 V / 2 SMA 2.9 fer 2 million cy < 15 ms Splashproo < 250 g | / 800µA at 5. 20µA at 0.8 V nale per MIL cles per pos f | -C 39012 | Rº COMO | Horizon | |
| TTL inputs (<u>MECHANICAL CH</u> Connectors Life Switching Ti Construction Weight <u>ENVIRONMENTA</u> Operating te Storage term (* Average pow (** At 25° C ±10 | - Low IARACTERIS ime*** n L CHARACTE emperature rang operature rang | ERISTICS | | 2.2 to 5.5 V 0 to 0.8 V / 2 SMA 2.9 fer 2 million cy < 15 ms Splashproo < 250 g | / 800µA at 5. 20µA at 0.8 V nale per MIL cles per pos f | -C 39012 | | Horit | |
| TTL inputs (<u>MECHANICAL CH</u> Connectors Life Switching Ti Construction Weight <u>ENVIRONMENTA</u> Operating te Storage term (* Average pow (** At 25° C ±10 | - Low IARACTERIST ime*** h L CHARACTE emperature rang operature rang wer at 25°C po 0%) | ERISTICS | | 2.2 to 5.5 V 0 to 0.8 V / 2 SMA 2.9 fer 2 million cy < 15 ms Splashproo < 250 g | / 800µA at 5. 20µA at 0.8 V nale per MIL cles per pos f | -C 39012 | Rº COMP | HOL | |
| TTL inputs (<u>MECHANICAL CH</u> Connectors Life Switching Ti Construction Weight <u>ENVIRONMENTA</u> Operating te Storage term (* Average pow (** At 25° C ±10 | - Low IARACTERIST ime*** h L CHARACTE emperature rang operature rang wer at 25°C po 0%) | ERISTICS | | 2.2 to 5.5 V 0 to 0.8 V / 2 SMA 2.9 fer 2 million cy < 15 ms Splashproo < 250 g | / 800µA at 5. 20µA at 0.8 V nale per MIL cles per pos f | -C 39012 | | HSI | |

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.