

Technical Data Sheet

SPDT Ramses Low PIM SMA 18GHz Failsafe 28Vdc Pins Terminals

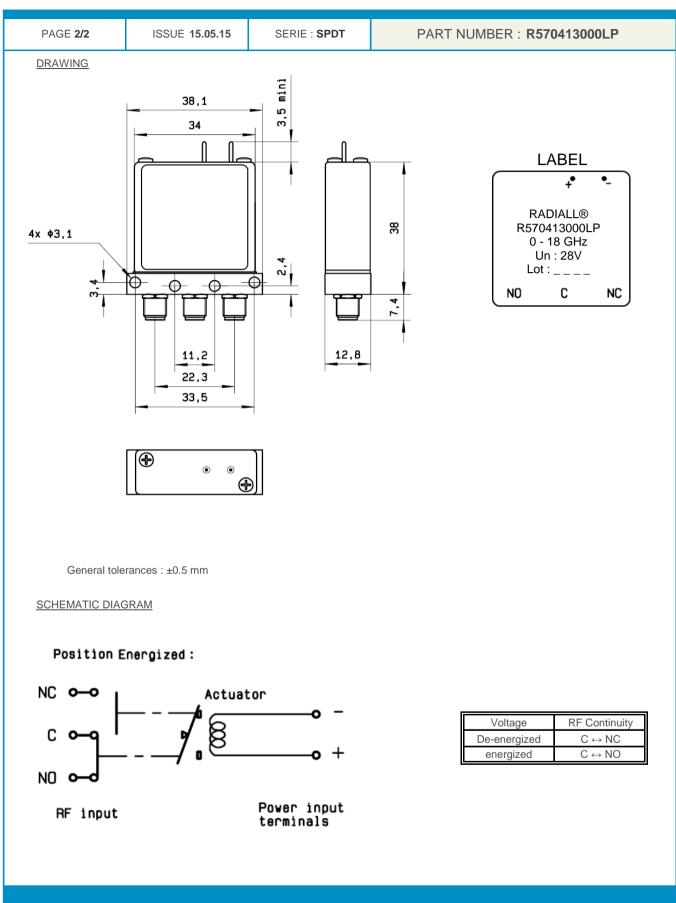
| PAGE 1/2 ISSUE | | 15.05.15 | SERIE | SERIE : SPDT | | PART NUMBER : R570413000LP | | |
|---|---|---|---------------|--|---|-----------------------------------|--|--|
| | | | | | | | | |
| RF CHARACTERIS | STICS | | | | | | | |
| Frequency ra | ande | | | 0 - 18 GHz | | | | |
| Impedance | | : 50 Ohms | | | | | | |
| impedance | | | | 50 011113 | | | | |
| Frequency (0 | 2Hz) | DC - 3 | 3 - 8 | 8 - 12.4 | 12.4 - 18 | 7 | | |
| VSWR max | 3112) | 1.10 | 1.20 | 1.20 | 1.40 | - | | |
| Insertion loss | s max | 0.15 dB | 0.20 dB | 0.25 dB | 0.35 dB | | | |
| Isolation min | | 80 dB | 75 dB | 65 dB | 60 dB | 1 | | |
| Average pow | | 240 W | 150 W | 120 W | 100 W | 1 | | |
| | | | | | | <u>-</u> | | |
| | | | Passive inte | rmodulatior | |] | | |
| Tone 1 | | 181 | 0 MHz, appro | oximately 43 | dBm | | | |
| Tone 2 | | 1850 MHz, approximately 43 dBm | | | | | | |
| 3 rd order PIN | | | | t 1770 MHz | | | | |
| | n application, | | | | measuremen | nts can vary. | | |
| PIM testing is | s not measure | ed during pro | oduct accepta | ance test. | | | | |
| | | | | | | | | |
| ELECTRICAL CHA | RACTERISTI | <u>CS</u> | | | | | | |
| | | | | | | | | |
| | | | | FAILSAFE | | | | |
| Actuator | | | • | FAILGAFE | | | | |
| Nominal curr | | | : | 102 mA | | | | |
| Nominal curr Actuator volt | | | : | 102 mA 28V (24 to 3 | - | | | |
| Nominal curr | | | : | 102 mA | - | / 30 sec.) | | |
| Nominal curr Actuator volt | | | : | 102 mA 28V (24 to 3 | - | / 30 sec.) | | |
| Nominal curr Actuator volt Terminals | age (Vcc) | 100 | : | 102 mA 28V (24 to 3 | - | / 30 sec.) | | |
| Nominal curr Actuator volt | age (Vcc) | <u>'ICS</u> | : | 102 mA 28V (24 to 3 | - | . / 30 sec.) | | |
| Nominal curr Actuator volt Terminals MECHANICAL CH/ | age (Vcc) ARACTERIST | <u>1CS</u> | : | 102 mA 28V (24 to 3 solder pins | (250°C max | | | |
| Nominal curr Actuator volt Terminals <u>MECHANICAL CH/</u> Connectors* | age (Vcc) ARACTERIST | ICS | : : | 102 mA 28V (24 to 3 solder pins SMA female | (250°C max | | | |
| Nominal curr Actuator volt Terminals <u>MECHANICAL CH/</u> Connectors* Life | age (Vcc) <u>ARACTERIST</u> | ICS | : : | 102 mA 28V (24 to 3 solder pins SMA female 2 million cy | (250°C max | | | |
| Nominal curr Actuator volt Terminals <u>MECHANICAL CH</u> Connectors* Life Switching Tir | age (Vcc) <u>ARACTERIST</u> **** me*** | 1 <u>CS</u> | : | 102 mA 28V (24 to 3 solder pins SMA female 2 million cy < 10 ms | (250°C max e per MIL-C : cles | | | |
| Nominal curr Actuator volt Terminals <u>MECHANICAL CH</u> Connectors* Life Switching Tir Construction | age (Vcc) <u>ARACTERIST</u> **** me*** | <u>ICS</u> | : | 102 mA 28V (24 to 3 solder pins SMA female 2 million cy < 10 ms Splashproo | (250°C max e per MIL-C : cles | | | |
| Nominal curr Actuator volt Terminals <u>MECHANICAL CH</u> Connectors* Life Switching Tir | age (Vcc) <u>ARACTERIST</u> **** me*** | ICS | : | 102 mA 28V (24 to 3 solder pins SMA female 2 million cy < 10 ms | (250°C max e per MIL-C : cles | | | |
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| Nominal curr Actuator volt Terminals <u>MECHANICAL CH/</u> Connectors* Life Switching Tir Construction Weight | age (Vcc) <u>ARACTERIST</u> **** | | : | 102 mA 28V (24 to 3 solder pins SMA female 2 million cy < 10 ms Splashproo | (250°C max e per MIL-C : cles | | | |
| Nominal curr Actuator volt Terminals <u>MECHANICAL CH</u> Connectors* Life Switching Tir Construction | age (Vcc) <u>ARACTERIST</u> **** | | : | 102 mA 28V (24 to 3 solder pins SMA female 2 million cy < 10 ms Splashproo | (250°C max e per MIL-C : cles | | | |
| Nominal curr Actuator volt Terminals <u>MECHANICAL CH/</u> Connectors* Life Switching Tir Construction Weight <u>ENVIRONMENTAL</u> | age (Vcc) <u>ARACTERIST</u> **** me*** <u>CHARACTE</u> | RISTICS | | 102 mA 28V (24 to 3 solder pins SMA female 2 million cy < 10 ms Splashproo < 45 g | (250°C max e per MIL-C : cles f | | | |
| Nominal curr Actuator volt Terminals <u>MECHANICAL CH/</u> Connectors* Life Switching Tir Construction Weight <u>ENVIRONMENTAL</u> Operating ter | age (Vcc) <u>ARACTERIST</u> **** me*** <u>CHARACTEF</u> mperature ran | <u>RISTICS</u> ge | | 102 mA 28V (24 to 3 solder pins SMA female 2 million cy < 10 ms Splashproo < 45 g | (250°C max e per MIL-C : cles f 0°C | 39012 | | |
| Nominal curr Actuator volt Terminals <u>MECHANICAL CH/</u> Connectors* Life Switching Tir Construction Weight <u>ENVIRONMENTAL</u> Operating ter | age (Vcc) <u>ARACTERIST</u> **** me*** <u>CHARACTE</u> | <u>RISTICS</u> ge | | 102 mA 28V (24 to 3 solder pins SMA female 2 million cy < 10 ms Splashproo < 45 g | (250°C max e per MIL-C : cles f 0°C | | | |
| Nominal curr Actuator volt Terminals <u>MECHANICAL CH</u> Connectors* Life Switching Tir Construction Weight <u>ENVIRONMENTAL</u> Operating ter Storage term | age (Vcc) <u>ARACTERIST</u> **** me*** <u>CHARACTEF</u> mperature ran perature range | RISTICS ge | | 102 mA 28V (24 to 3 solder pins SMA female 2 million cy < 10 ms Splashproo < 45 g | (250°C max e per MIL-C : cles f 0°C | 39012 | | |
| Nominal curr Actuator volt Terminals <u>MECHANICAL CH/</u> Connectors* Life Switching Tir Construction Weight <u>ENVIRONMENTAL</u> Operating ter Storage temp | age (Vcc) ARACTERIST **** me*** <u>CHARACTEF</u> mperature range ver at 25°C per | RISTICS ge | | 102 mA 28V (24 to 3 solder pins SMA female 2 million cy < 10 ms Splashproo < 45 g | (250°C max e per MIL-C : cles f 0°C | 39012 | | |
| Nominal curr Actuator volt Terminals <u>MECHANICAL CH/</u> Connectors* Life Switching Tir Construction Weight <u>ENVIRONMENTAL</u> Operating ter Storage temp (* Average pow (** At 25° C ±10 | age (Vcc) <u>ARACTERIST</u> **** me*** <u>CHARACTEF</u> mperature ran perature range ver at 25°C per v%) | RISTICS ge | | 102 mA 28V (24 to 3 solder pins SMA female 2 million cy < 10 ms Splashproo < 45 g | (250°C max e per MIL-C : cles f 0°C | 39012 | | |
| Nominal curr Actuator volt Terminals <u>MECHANICAL CH/</u> Connectors* Life Switching Tir Construction Weight <u>ENVIRONMENTAL</u> Operating ter Storage temp (* Average pow (** At 25° C ±10 (*** Nominal volt | age (Vcc) <u>ARACTERIST</u> **** me*** <u>CHARACTER</u> mperature range ver at 25°C per %) age ; 25° C) | <u>RISTICS</u> ge e r RF Path) | | 102 mA 28V (24 to 3 solder pins SMA female 2 million cy < 10 ms Splashproo < 45 g | (250°C max e per MIL-C : cles f 0°C | 39012 | | |
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