

## **Technical Data Sheet**

SP4T Ramses SMA 18GHz Normally open Indicators 28Vdc Diodes Pins Terminals

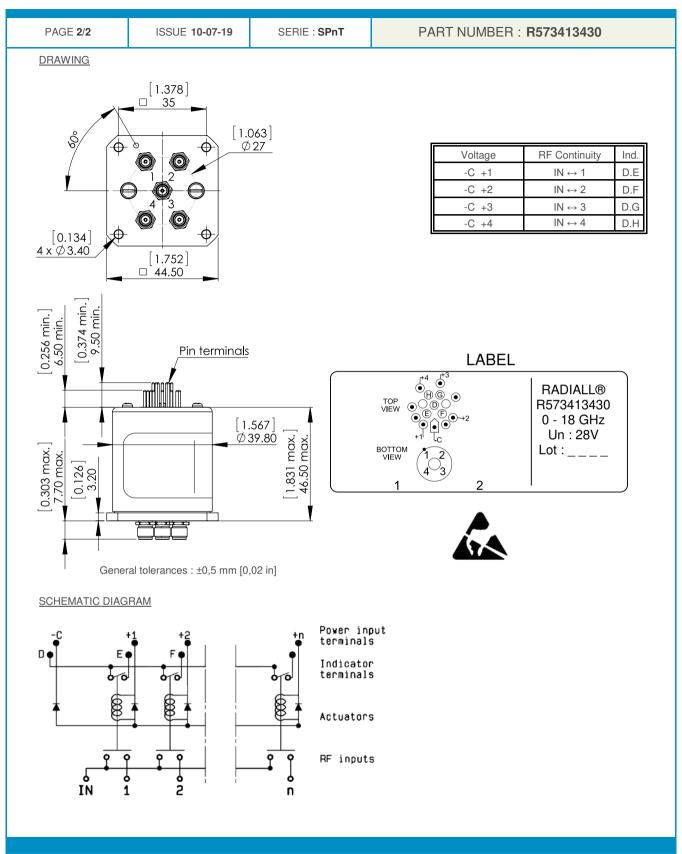
| PAGE 1/2 ISSUE 1   |  | 10-07-19 SERIE : SPnT |         | : SPnT  | PART NUMBER : <b>R573413430</b> |      |  |
|--|--|-----------------------|---------|---|---------------------------------|------|--|
| RF CHARACTER   | ISTICS   |                       |         |   |                                 |      |  |
| Number of  | 1010   |                       |         | 4   |                                 |      |  |
| Number of ways   |  |                       |         | : 0 - 18 GHz  |                                 |      |  |
| Frequency range<br>Impedance   |  |                       |         | 50 Ohms   |                                 |      |  |
| Impedance  |  |                       |         | 50 Onins  |                                 |      |  |
| Frequency (GHz)  |  | DC - 3                | 3 - 8   | 8 - 12.4  | 12.4 - 18                       |      |  |
| VSWR max   |  | 1,20                  | 1,30    | 1,40  | 1,50                            |      |  |
| Insertion los  |  | .20 dB                | 0.30 dB | 0.40 dB   | 0.50 dB                         |      |  |
| Isolation mi   |  | 80 dB                 | 70 dB   | 60 dB   | 60 dB                           |      |  |
| Average po   | wer (*)  | 240 W                 | 150 W   | 120 W   | 100 W                           |      |  |
|  |  |                       |         |   |                                 |      |  |
| ELECTRICAL CH  | ARACTERISTICS  |                       |         |   |                                 |      |  |
|  |  |                       |         |   |                                 |      |  |
| Actuator   |  |                       |         | NORMALLY  | OPEN                            |      |  |
| Nominal current **   |  |                       |         | 102 mA  |                                 |      |  |
| Actuator voltage (Vcc)   |  |                       |         | 28V (24 to 30V) / NEGATIVE COMMON                                 |                                 |      |  |
| Terminals  |  |                       |         | : solder pins (250°C max. / 30 sec.)                              |                                 |      |  |
| Indicator ra   | ting   |                       | :       | 1 W / 30 V /  | 100 mA                          |      |  |
|  |  |                       |         |   |                                 |      |  |
| MECHANICAL CH  | ARACTERISTICS  | <u> </u>              |         |   |                                 |      |  |
| Connectors   |  |                       |         |   |                                 |      |  |
| ( `onnoctore   |  |                       |         | SMA fomale  | nor MIL-C 3                     | 0012 |  |
|  |  |                       |         | SMA female  | -                               |      |  |
| Life   |  |                       | :       | 5 million cy  | -                               |      |  |
| Life<br>Switching T  | ïme***   |                       | :       | 5 million cy<br>< 15 ms   | cles per posi                   |      |  |
| Life<br>Switching T<br>Constructio   | ïme***   |                       | :       | 5 million cyo<br>< 15 ms<br>Splashproo                            | cles per posi                   |      |  |
| Life<br>Switching T  | ïme***   |                       | :       | 5 million cy<br>< 15 ms   | cles per posi                   |      |  |
| Life<br>Switching T<br>Constructio<br>Weight   | 'ime***<br>n   |                       | :       | 5 million cyo<br>< 15 ms<br>Splashproo                            | cles per posi                   |      |  |
| Life<br>Switching T<br>Constructio   | 'ime***<br>n   | TICS                  | :       | 5 million cyo<br>< 15 ms<br>Splashproo                            | cles per posi                   |      |  |
| Life<br>Switching T<br>Constructio<br>Weight<br>ENVIRONMENTA   | ime***<br>n<br><u>L CHARACTERIS</u>  | TICS                  | :       | 5 million cyo<br>< 15 ms<br>Splashproo                            | cles per posi                   |      |  |
| Life<br>Switching T<br>Constructio<br>Weight<br><u>ENVIRONMENTA</u><br>Operating t   | ime***<br>n<br><u>L CHARACTERIS</u><br>emperature range  | TICS                  | :       | 5 million cyd<br>< 15 ms<br>Splashproo<br>< 180 g<br>-40°C to +85 | cles per posi<br>f              | tion |  |
| Life<br>Switching T<br>Constructio<br>Weight<br><u>ENVIRONMENTA</u><br>Operating t   | ime***<br>n<br><u>L CHARACTERIS</u>  | TICS                  | :       | 5 million cyd<br>< 15 ms<br>Splashproo<br>< 180 g                 | cles per posi<br>f              |      |  |
| Life<br>Switching T<br>Constructio<br>Weight<br><u>ENVIRONMENTA</u><br>Operating t   | ime***<br>n<br><u>L CHARACTERIS</u><br>emperature range  | TICS                  | :       | 5 million cyd<br>< 15 ms<br>Splashproo<br>< 180 g<br>-40°C to +85 | cles per posi<br>f              | tion |  |
| Life<br>Switching T<br>Constructio<br>Weight<br>ENVIRONMENTA<br>Operating t<br>Storage ten                                     | ime***<br>n<br><u>L CHARACTERIS</u><br>emperature range  |                       | :       | 5 million cyd<br>< 15 ms<br>Splashproo<br>< 180 g<br>-40°C to +85 | cles per posi<br>f              | tion |  |
| Life<br>Switching T<br>Constructio<br>Weight<br>ENVIRONMENTA<br>Operating t<br>Storage ten                                     | ime***<br>n<br><u>L CHARACTERIS</u><br>emperature range<br>nperature range<br>wer at 25°C per R        |                       | :       | 5 million cyd<br>< 15 ms<br>Splashproo<br>< 180 g<br>-40°C to +85 | cles per posi<br>f              | tion |  |
| Life<br>Switching T<br>Constructio<br>Weight<br>ENVIRONMENTA<br>Operating t<br>Storage ten<br>(* Average po<br>(** At 25° C ±1 | ime***<br>n<br><u>L CHARACTERIS</u><br>emperature range<br>nperature range<br>wer at 25°C per R        |                       | :       | 5 million cyd<br>< 15 ms<br>Splashproo<br>< 180 g<br>-40°C to +85 | cles per posi<br>f              | tion |  |
| Life<br>Switching T<br>Constructio<br>Weight<br>ENVIRONMENTA<br>Operating t<br>Storage ten<br>(* Average po<br>(** At 25° C ±1 | ime***<br>n<br><u>L CHARACTERIS</u><br>emperature range<br>nperature range<br>wer at 25°C per R<br>0%) |                       | :       | 5 million cyd<br>< 15 ms<br>Splashproo<br>< 180 g<br>-40°C to +85 | cles per posi<br>f              | tion |  |
| Life<br>Switching T<br>Constructio<br>Weight<br>ENVIRONMENTA<br>Operating t<br>Storage ten<br>(* Average po<br>(** At 25° C ±1 | ime***<br>n<br><u>L CHARACTERIS</u><br>emperature range<br>nperature range<br>wer at 25°C per R<br>0%) |                       | :       | 5 million cyd<br>< 15 ms<br>Splashproo<br>< 180 g<br>-40°C to +85 | cles per posi<br>f              | tion |  |
| Life<br>Switching T<br>Constructio<br>Weight<br>ENVIRONMENTA<br>Operating t<br>Storage ten<br>(* Average po<br>(** At 25° C ±1 | ime***<br>n<br><u>L CHARACTERIS</u><br>emperature range<br>nperature range<br>wer at 25°C per R<br>0%) |                       | :       | 5 million cyd<br>< 15 ms<br>Splashproo<br>< 180 g<br>-40°C to +85 | cles per posi<br>f              | tion |  |

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