

## **Technical Data Sheet**

SP10T Ramses SMA 18GHz Latching 28Vdc Pins Terminals

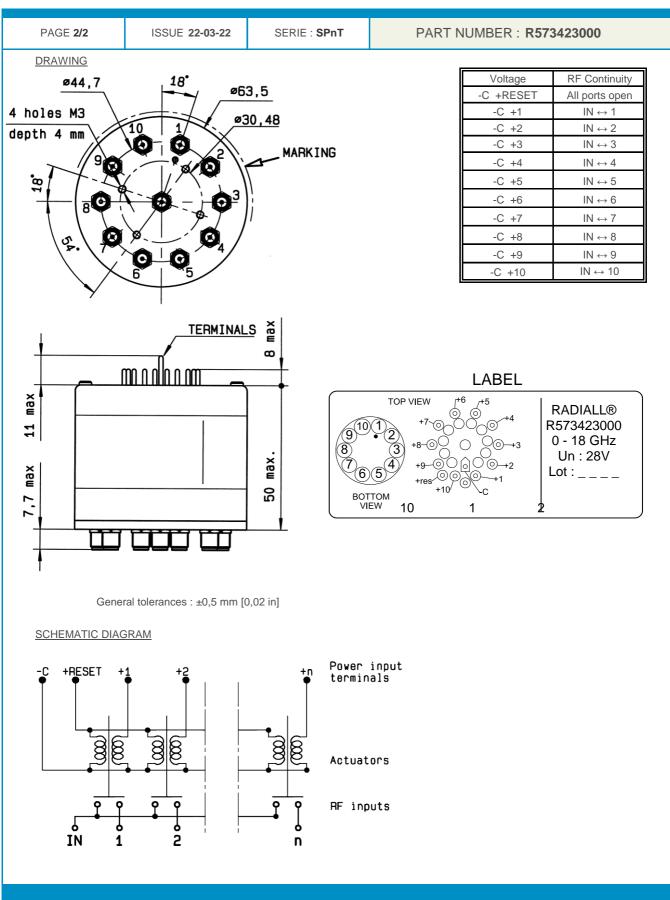
| PAGE 1/2 ISSUE            |  | 22-03-22 SERIE  |                           | E: SPnT PA |                                     | ART NUMBER : <b>R573423000</b> |            |                  |  |
|---------------------------|--|---|---------------------------|------------|-------------------------------------|--------------------------------|------------|------------------|--|
| RF CH                     | HARACTERIS   | TICS  |                           |            |                                     |                                |            |                  |  |
|                           | Number of we   | 21/2  |                           |            | 10                                  |                                |            |                  |  |
|                           | Number of wa<br>Frequency rat  |   |                           |            | 10<br>0 - 18 GHz                    |                                |            |                  |  |
|                           | Impedance  | nge   |                           |            | 50 Ohms                             |                                |            |                  |  |
|                           | mpodanoo   |   |                           |            |                                     |                                |            |                  |  |
| Ī                         | Frequency (G   | GHz)  | DC - 3                    | 3 - 8      | 8 - 12.4                            | 12.4 - 15.5                    | 15.5 - 18  |                  |  |
|                           | VSWR max   |   | 1.20                      | 1.30       | 1.40                                | 1.50                           | 1.70       |                  |  |
|                           | Insertion loss   | max   | 0.20 dB                   | 0.30 dB    | 0.40 dB                             | 0.50 dB                        | 0.70 dB    |                  |  |
|                           | Isolation min  |   | 80 dB                     | 70 dB      | 60 dB                               | 60 dB                          | 55 dB      |                  |  |
|                           | Average powe   | er (*)  | 240 W                     | 150 W      | 120 W                               | 110 W                          | 100 W      |                  |  |
|                           |  |   |                           |            |                                     |                                |            |                  |  |
| FLECT                     | TRICAL CHAR  | RACTERIST   |                           |            |                                     |                                |            |                  |  |
|                           |  |   |                           |            |                                     |                                |            |                  |  |
|                           | Actuator   |   |                           | :          | LATCHING                            |                                |            |                  |  |
|                           | Nominal current **   |   |                           |            | : 125 mA / RESET : 1250 mA ****     |                                |            |                  |  |
|                           | Actuator voltage (Vcc)   |   |                           |            | : 28V (24 to 30V) / NEGATIVE COMMON |                                |            |                  |  |
|                           | Terminals  |   |                           | :          | solder pins                         | (250°C max.                    | / 30 sec.) |                  |  |
|                           |  |   |                           |            |                                     |                                |            |                  |  |
| MECH                      | ANICAL CHA   | RACTERIS  | TICS                      |            |                                     |                                |            |                  |  |
|                           |  |   |                           |            |                                     |                                |            |                  |  |
|                           | Connectors   |   |                           | :          | SMA female                          | e per MIL-C 3                  | 9012       |                  |  |
|                           | Life   |   |                           |            | -                                   | cles per pos                   | ition      |                  |  |
|                           | Switching Tim  | ne***   |                           |            | < 15 ms                             |                                |            |                  |  |
|                           |  |   |                           |            | : Splashproof                       |                                |            |                  |  |
|                           | Construction   |   |                           |            | 4 260 a                             |                                |            |                  |  |
|                           | Construction<br>Weight   |   |                           | :          | < 360 g                             |                                |            |                  |  |
|                           |  |   |                           | :          | < 360 g                             |                                |            |                  |  |
|                           |  | CHARACTI  | ERISTICS                  | :          | < 360 g                             |                                |            |                  |  |
| ENVIR                     | Weight<br>RONMENTAL  |   |                           |            | -                                   |                                |            |                  |  |
| ENVIR                     | Weight<br>RONMENTAL<br>Operating ten   | nperature ra  | inge                      | :          | -40°C to +8                         |                                |            |                  |  |
| ENVIR                     | Weight<br>RONMENTAL  | nperature ra  | inge                      | :          | -                                   |                                | /          | ROHS             |  |
| <u>ENVIR</u>              | Weight<br>RONMENTAL<br>Operating ten<br>Storage temp   | nperature ra<br>perature ranț   | inge<br>ge                | :          | -40°C to +8                         |                                |            | RoHs             |  |
| <u>ENVIR</u><br>(*        | Weight<br><u>RONMENTAL</u><br>Operating tem<br>Storage temp<br>Average powe                                    | nperature ra<br>perature rang<br>er at 25°C p                         | inge<br>ge                | :          | -40°C to +8                         |                                |            | RoHs             |  |
| <u>ENVIR</u><br>(*<br>(** | Weight<br><u>RONMENTAL</u><br>Operating ten<br>Storage temp<br>Average power<br>At 25° C ±105                  | nperature ra<br>perature rang<br>er at 25°C p<br>%)                   | inge<br>ge                | :          | -40°C to +8                         |                                |            | ROHS<br>COMPLIAN |  |
| <u>ENVIR</u><br>(*<br>(** | Weight<br><u>RONMENTAL</u><br>Operating ten<br>Storage temp<br>Average power<br>At 25° C ±109<br>Nominal volta | nperature rang<br>perature rang<br>er at 25°C p<br>%)<br>age ; 25° C) | inge<br>ge<br>er RF Path) | :          | -40°C to +8<br>-55°C to +8          |                                |            | ROHS<br>COMPLIAN |  |
| <u>ENVIR</u><br>(*<br>(** | Weight<br><u>RONMENTAL</u><br>Operating ten<br>Storage temp<br>Average power<br>At 25° C ±105                  | nperature rang<br>perature rang<br>er at 25°C p<br>%)<br>age ; 25° C) | inge<br>ge<br>er RF Path) | :          | -40°C to +8<br>-55°C to +8          |                                |            | ROHS<br>COMPLIAN |  |
| <u>ENVIR</u><br>(*<br>(** | Weight<br><u>RONMENTAL</u><br>Operating ten<br>Storage temp<br>Average power<br>At 25° C ±109<br>Nominal volta | nperature rang<br>perature rang<br>er at 25°C p<br>%)<br>age ; 25° C) | inge<br>ge<br>er RF Path) | :          | -40°C to +8<br>-55°C to +8          |                                |            | ROHS<br>COMPLIA  |  |
| <u>ENVIR</u><br>(*<br>(** | Weight<br><u>RONMENTAL</u><br>Operating ten<br>Storage temp<br>Average power<br>At 25° C ±109<br>Nominal volta | nperature rang<br>perature rang<br>er at 25°C p<br>%)<br>age ; 25° C) | inge<br>ge<br>er RF Path) | :          | -40°C to +8<br>-55°C to +8          |                                |            | RoHs<br>COMPLIAN |  |
| <u>ENVIR</u><br>(*<br>(** | Weight<br><u>RONMENTAL</u><br>Operating ten<br>Storage temp<br>Average power<br>At 25° C ±109<br>Nominal volta | nperature rang<br>perature rang<br>er at 25°C p<br>%)<br>age ; 25° C) | inge<br>ge<br>er RF Path) | :          | -40°C to +8<br>-55°C to +8          |                                |            | ROHS<br>OMPLIAN  |  |
| <u>ENVIR</u><br>(*<br>(** | Weight<br><u>RONMENTAL</u><br>Operating ten<br>Storage temp<br>Average power<br>At 25° C ±109<br>Nominal volta | nperature rang<br>perature rang<br>er at 25°C p<br>%)<br>age ; 25° C) | inge<br>ge<br>er RF Path) | :          | -40°C to +8<br>-55°C to +8          |                                |            | ROHS<br>COMPLIAN |  |
| <u>ENVIR</u><br>(*<br>(** | Weight<br><u>RONMENTAL</u><br>Operating ten<br>Storage temp<br>Average power<br>At 25° C ±109<br>Nominal volta | nperature rang<br>perature rang<br>er at 25°C p<br>%)<br>age ; 25° C) | inge<br>ge<br>er RF Path) | :          | -40°C to +8<br>-55°C to +8          |                                |            | ROHS<br>COMPLIAN |  |

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