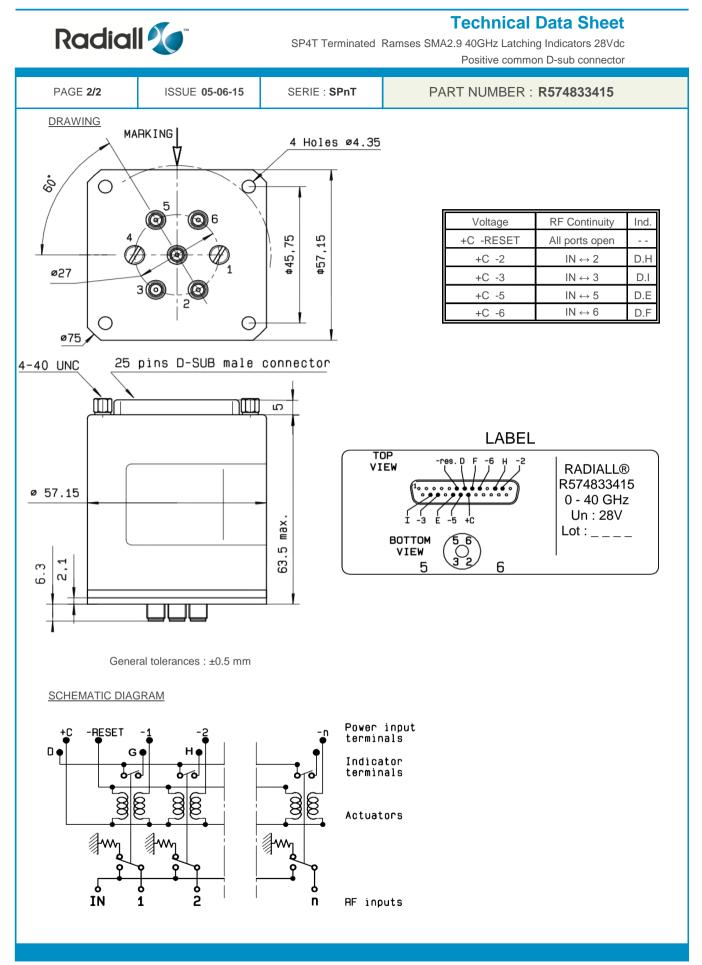


Technical Data Sheet

SP4T Terminated Ramses SMA2.9 40GHz Latching Indicators 28Vdc Positive common D-sub connector

|  | PAGE 1/2 ISSUE 05-06-15   |   |          | SERIE : SPnT   |                          | PART NUMBER : <b>R574833415</b> |                  |  |  |
|--|---|---|----------|--|--------------------------|---------------------------------|------------------|--|--|
| RF CHARACTE  | RISTICS   |   |          |  |                          |                                 |                  |  |  |
| Number o   | of wave   |   |          | 4  |                          |                                 |                  |  |  |
| Frequenc   |   |   |          | -<br>0 - 40 GHz  |                          |                                 |                  |  |  |
| Impedance  |   |   |          | 50 Ohms  |                          |                                 |                  |  |  |
|  |   |   |          |  |                          |                                 |                  |  |  |
| Frequenc   | y (GHz)   | DC - 6  | 6 - 12.4 | 12.4 - 18  | 18 - 26.5                | 26.5 - 40                       |                  |  |  |
| VSWR m   |   | 1.30  | 1.40     | 1.50   | 1.70                     | 2.20                            |                  |  |  |
| Insertion  | loss max  | 0.20 dB                                       | 0.40 dB  | 0.50 dB  | 0.70 dB                  | 1.10 dB                         |                  |  |  |
| Isolation  | min   | 70 dB   | 60 dB    | 60 dB  | 55 dB                    | 50 dB                           |                  |  |  |
| Average  | power (*)   | 40 W  | 30 W     | 25 W   | 15 W                     | 5 W                             |                  |  |  |
|  |   |   |          |  |                          |                                 |                  |  |  |
|  | ATION IMPEDA  |   |          | 50 Ohms  |                          |                                 |                  |  |  |
| TERM. A  | VG. POWER A   | T 25° C                                       | :        | 1 W per terr   | nination / 3             | W total powe                    | er               |  |  |
|  |   |   |          |  |                          |                                 |                  |  |  |
| ELECTRICAL C   |   | TICS  |          |  |                          |                                 |                  |  |  |
|  | MANACILNIS  | 1100  |          |  |                          |                                 |                  |  |  |
| Actuator   |   |   |          | LATCHING   |                          |                                 |                  |  |  |
| Nominal current **   |   |   |          | : 125 mA / RESET : 500 mA ****   |                          |                                 |                  |  |  |
| Actuator voltage (Vcc)   |   |   |          | 28V (24 to 30V) / POSITIVE COMMON  |                          |                                 |                  |  |  |
| Terminals  |   |   | :        | 25 pins D-SUB male connector   |                          |                                 |                  |  |  |
| Indicator rating   |   |   |          | : 1 W / 30 V / 100 mA  |                          |                                 |                  |  |  |
|  |   |   |          |  |                          |                                 |                  |  |  |
|  |   |   |          |  |                          |                                 |                  |  |  |
| MECHANICAL (   | CHARACTERIS   | STICS   |          |  |                          |                                 |                  |  |  |
| MECHANICAL   |   | <u>STICS</u>                                  | :        | SMA 2.9 fen  | nale per MIL             | -C 39012                        |                  |  |  |
| Connecto<br>Life   | ors   | STICS   |          | SMA 2.9 fen<br>2.000.000 cy  | -                        |                                 |                  |  |  |
| Connecto<br>Life<br>Switching  | ors<br>) Time***  | STICS   | :        | 2.000.000 cy<br>< 15 ms  | /cles per po             |                                 |                  |  |  |
| Connecto<br>Life<br>Switching<br>Construct   | ors<br>) Time***  | STICS   | :        | 2.000.000 cy<br>< 15 ms<br>Splashproo  | /cles per po             |                                 |                  |  |  |
| Connecto<br>Life<br>Switching  | ors<br>) Time***  | <u>STICS</u>                                  | :        | 2.000.000 cy<br>< 15 ms  | /cles per po             |                                 |                  |  |  |
| Connecto<br>Life<br>Switching<br>Construct   | ors<br>1 Time***<br>tion  |   | :        | 2.000.000 cy<br>< 15 ms<br>Splashproo  | /cles per po             |                                 |                  |  |  |
| Connecto<br>Life<br>Switching<br>Construct<br>Weight   | ors<br>1 Time***<br>tion  | ERISTICS                                      | :        | 2.000.000 cy<br>< 15 ms<br>Splashproo  | ycles per po             |                                 |                  |  |  |
| Connecto<br>Life<br>Switching<br>Construct<br>Weight<br><u>ENVIRONMEN</u>  | ors<br>J Time***<br>tion<br>TAL CHARACT   | <u>ERISTICS</u>                               | :        | 2.000.000 cy<br>< 15 ms<br>Splashproo<br>< 250 g                                 | ycles per po<br>f<br>5°C |                                 | ROHS             |  |  |
| Connecto<br>Life<br>Switching<br>Construct<br>Weight<br><u>ENVIRONMEN</u><br>Operating<br>Storage t  | ors<br>1 Time***<br>tion<br>TAL CHARACT<br>9 temperature ra<br>emperature ran   | <u>ERISTICS</u><br>ange<br>ge                 | :        | 2.000.000 cy<br>< 15 ms<br>Splashproo<br>< 250 g                                 | ycles per po<br>f<br>5°C |                                 | RoHs             |  |  |
| Connector<br>Life<br>Switching<br>Construct<br>Weight<br>ENVIRONMENT<br>Operating<br>Storage t   | ors<br>y Time***<br>tion<br><u>TAL CHARACT</u><br>y temperature ran<br>emperature ran<br>power at 25°C p                            | <u>ERISTICS</u><br>ange<br>ge                 | :        | 2.000.000 cy<br>< 15 ms<br>Splashproo<br>< 250 g                                 | ycles per po<br>f<br>5°C |                                 | RoHs             |  |  |
| Connector<br>Life<br>Switching<br>Construct<br>Weight<br>ENVIRONMENT<br>Operating<br>Storage t<br>(* Average  <br>(** At 25° C stores)           | ors<br>Time***<br>tion<br><u>TAL CHARACT</u><br>temperature ran<br>emperature ran<br>power at 25°C p<br>±10%)                       | <u>ERISTICS</u><br>ange<br>ge<br>ber RF Path) | :        | 2.000.000 cy<br>< 15 ms<br>Splashproo<br>< 250 g                                 | ycles per po<br>f<br>5°C |                                 | ROHS<br>COMPLIAN |  |  |
| Connector<br>Life<br>Switching<br>Construct<br>Weight<br>ENVIRONMENT<br>Operating<br>Storage t<br>(* Average  <br>(** At 25° C =<br>(*** Nominal | ors<br>Time***<br>tion<br><u>TAL CHARACT</u><br>g temperature ran<br>emperature ran<br>power at 25°C p<br>±10%)<br>voltage ; 25° C) | <u>ERISTICS</u><br>ange<br>ge<br>ber RF Path) |          | 2.000.000 cy<br>< 15 ms<br>Splashproo<br>< 250 g<br>-40°C to +85<br>-55°C to +85 | ycles per po<br>f<br>5°C |                                 | ROHS<br>COMPLIAN |  |  |
| Connector<br>Life<br>Switching<br>Construct<br>Weight<br>ENVIRONMENT<br>Operating<br>Storage t<br>(* Average  <br>(** At 25° C =<br>(*** Nominal | ors<br>Time***<br>tion<br><u>TAL CHARACT</u><br>temperature ran<br>emperature ran<br>power at 25°C p<br>±10%)                       | <u>ERISTICS</u><br>ange<br>ge<br>ber RF Path) |          | 2.000.000 cy<br>< 15 ms<br>Splashproo<br>< 250 g<br>-40°C to +85<br>-55°C to +85 | ycles per po<br>f<br>5°C |                                 | ROHS<br>COMPLIAN |  |  |

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