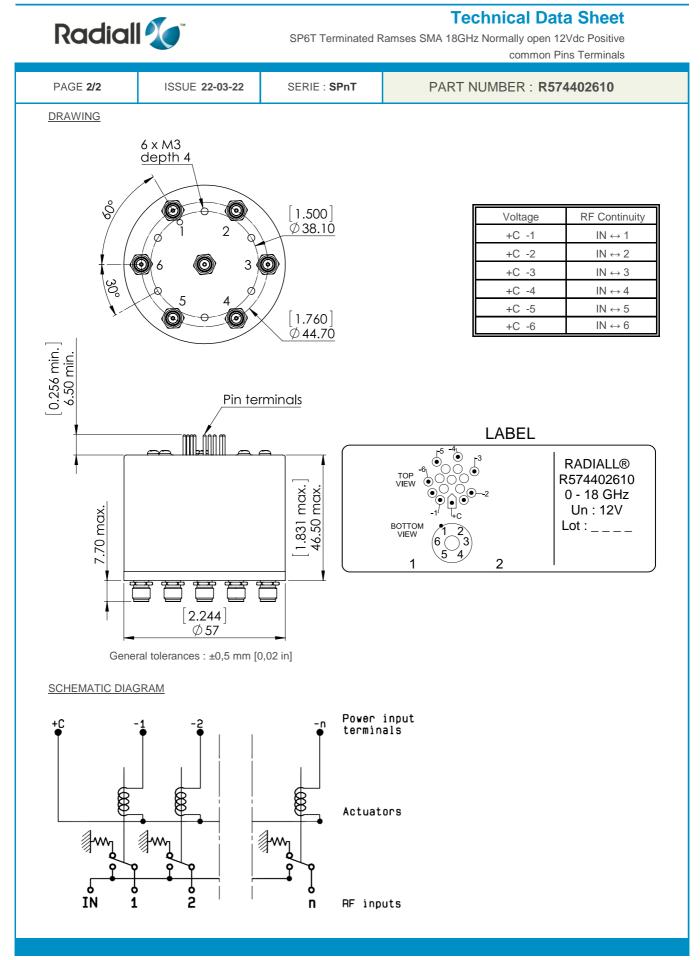


**Technical Data Sheet** 

SP6T Terminated Ramses SMA 18GHz Normally open 12Vdc Positive common Pins Terminals

|                        | PAGE 1/2 ISSUE 22   |  | 22-03-22 SERIE : SPnT |         | PART NUMBER : <b>R574402610</b>      |              |               |                |  |
|------------------------|---|--|-----------------------|---------|--------------------------------------|--------------|---------------|----------------|--|
| RF C                   | HARACTERIS  | TICS   |                       |         |                                      |              |               |                |  |
|                        |   |  |                       |         |                                      |              |               |                |  |
|                        | Number of wa  |  |                       |         | 6                                    |              |               |                |  |
|                        | Frequency ra  | inge   |                       |         | 0 - 18 GHz                           |              |               |                |  |
|                        | Impedance   |  |                       | :       | 50 Ohms                              |              |               |                |  |
|                        | Frequency (G  | Hz)  | DC - 3                | 3 - 8   | 8 - 12.4                             | 12.4 - 18    | ]             |                |  |
|                        | VSWR max  | 211Z)  | 1,20                  | 1,30    | 1,40                                 | 1,50         |               |                |  |
|                        | Insertion loss  | may  | 0.20 dB               | 0.30 dB | 0.40 dB                              | 0.50 dB      |               |                |  |
|                        | Isolation min   |  | 80 dB                 | 70 dB   | 60 dB                                | 60 dB        |               |                |  |
|                        | Average pow   |  | 240 W                 | 150 W   | 120 W                                | 100 W        |               |                |  |
|                        |   |  |                       |         |                                      |              | 1             |                |  |
|                        | TERMINATIC  | ON IMPEDAN   | CE                    | :       | 50 Ohms                              |              |               |                |  |
|                        | TERM. AVG.  | POWER AT 2   | 25° C                 | :       | 1 W per teri                         | nination / 3 | W total power |                |  |
|                        |   |  |                       |         |                                      |              |               |                |  |
|                        |   |  |                       |         |                                      |              |               |                |  |
| ELE                    | CTRICAL CHAI  | RACIERISTI   | <u></u>               |         |                                      |              |               |                |  |
|                        | Actuator  |  |                       | :       | NORMALLY                             | OPEN         |               |                |  |
| Nominal current **     |   |  |                       |         | 250 mA                               | •••          |               |                |  |
| Actuator voltage (Vcc) |   |  |                       | :       | 12V (10.2 to                         | 13V) / POSI  | TIVE COMMON   |                |  |
|                        | Terminals   |  |                       | :       | solder pins                          | (250°C max   | / 30 sec.)    |                |  |
|                        |   |  |                       |         |                                      |              |               |                |  |
| MEC                    | HANICAL CHA   | RACTERIST  | CS                    |         |                                      |              |               |                |  |
|                        | 0   |  |                       |         | <b>0114</b> (                        |              | 0040          |                |  |
|                        | Connectors<br>Life  |  |                       |         | SMA female<br>2 million cy           | -            |               |                |  |
|                        | Switching Tin   | no***  |                       |         | < 15 ms                              | cies per pos |               |                |  |
|                        | -   |  |                       |         |                                      |              |               |                |  |
|                        | Construction  |  |                       |         |                                      | f            |               |                |  |
|                        | Construction<br>Weight  |  |                       |         | Splashproo                           | f            |               |                |  |
|                        | Weight  |  |                       |         |                                      | f            |               |                |  |
|                        | Weight  |  |                       |         | Splashproo                           | f            |               |                |  |
| ENV                    |   |  | RISTICS               |         | Splashproo                           | f            |               |                |  |
| <u>ENV</u>             | Weight  |  |                       | :       | Splashproo                           |              |               |                |  |
| ENV                    | Weight<br>IRONMENTAL<br>Operating ter   | CHARACTER  | ge                    | :       | Splashproo<br>< 250 g                | 5°C          |               |                |  |
| ENV                    | Weight<br>IRONMENTAL<br>Operating ter   | CHARACTEF  | ge                    | :       | Splashproo<br>< 250 g<br>-40°C to +8 | 5°C          |               | ROHS           |  |
|                        | Weight<br>IRONMENTAL<br>Operating ter<br>Storage temp                                 | CHARACTEF  | ge                    | :       | Splashproo<br>< 250 g<br>-40°C to +8 | 5°C          |               | RoHs           |  |
| (*                     | Weight<br>IRONMENTAL<br>Operating ter<br>Storage temp<br>Average pow                  | CHARACTEF<br>nperature range<br>perature range<br>er at 25°C per       | ge                    | :       | Splashproo<br>< 250 g<br>-40°C to +8 | 5°C          | •             | RoHS           |  |
| (*<br>(**              | Weight<br>IRONMENTAL<br>Operating ter<br>Storage temp<br>Average pow<br>At 25° C ±100 | CHARACTER<br>mperature range<br>perature range<br>er at 25°C per<br>%) | ge                    | :       | Splashproo<br>< 250 g<br>-40°C to +8 | 5°C          | • • • •       | ROHS<br>MBINA  |  |
| (*                     | Weight<br>IRONMENTAL<br>Operating ter<br>Storage temp<br>Average pow                  | CHARACTER<br>mperature range<br>perature range<br>er at 25°C per<br>%) | ge                    | :       | Splashproo<br>< 250 g<br>-40°C to +8 | 5°C          | • • • •       | RoHS<br>MPLIAN |  |
| (*<br>(**              | Weight<br>IRONMENTAL<br>Operating ter<br>Storage temp<br>Average pow<br>At 25° C ±100 | CHARACTER<br>mperature range<br>perature range<br>er at 25°C per<br>%) | ge                    | :       | Splashproo<br>< 250 g<br>-40°C to +8 | 5°C          | ·co           | ROHS<br>MPLIAN |  |
| (*<br>(**              | Weight<br>IRONMENTAL<br>Operating ter<br>Storage temp<br>Average pow<br>At 25° C ±100 | CHARACTER<br>mperature range<br>perature range<br>er at 25°C per<br>%) | ge                    | :       | Splashproo<br>< 250 g<br>-40°C to +8 | 5°C          | • 60          | ROHS<br>MPLIAN |  |
| (*<br>(**              | Weight<br>IRONMENTAL<br>Operating ter<br>Storage temp<br>Average pow<br>At 25° C ±100 | CHARACTER<br>mperature range<br>perature range<br>er at 25°C per<br>%) | ge                    | :       | Splashproo<br>< 250 g<br>-40°C to +8 | 5°C          | ·Co           | ROHS<br>MPLIAT |  |

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