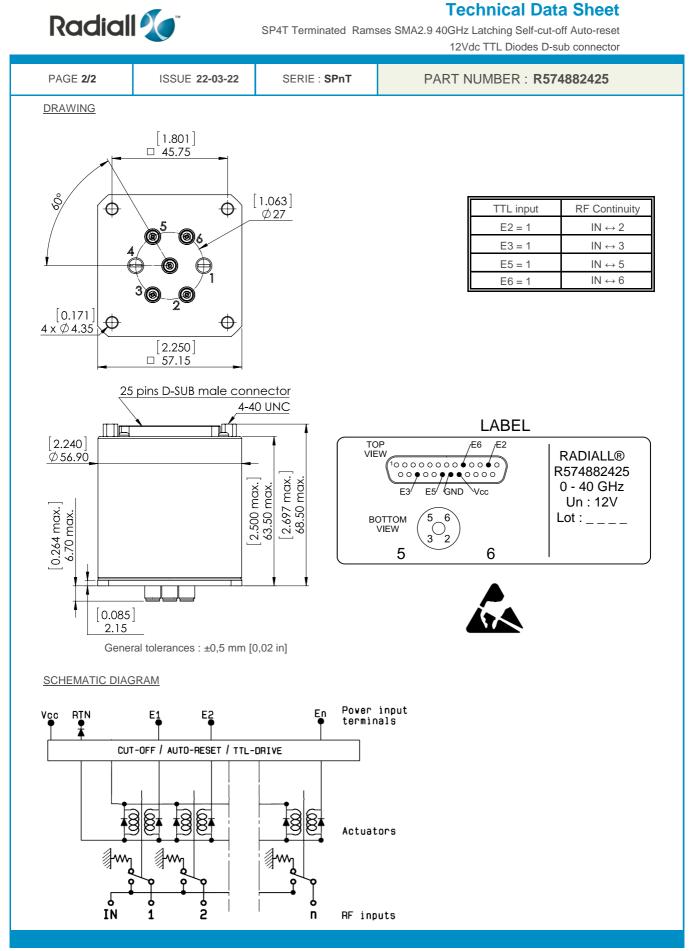


Technical Data Sheet

SP4T Terminated Ramses SMA2.9 40GHz Latching Self-cut-off Auto-reset 12Vdc TTL Diodes D-sub connector

|   |  |                       |  |   |                      | des D-sub connector |
|---|--|-----------------------|--|---|----------------------|---------------------|
| PAGE 1/2  | ISSUE 22-03-22   | 22-03-22 SERIE : SPnT |  | PART NUMBER : <b>R574882425</b>   |                      |                     |
| RF CHARACTERIS  | STICS  |                       |  |   |                      |                     |
| Number of w<br>Frequency ra<br>Impedance  |  | :                     | : 4<br>: 0 - 40 GHz<br>: 50 Ohms   |   |                      |                     |
|   | GHz) DC - 6  | 6 - 12.4              | 12.4 - 18  | 18 - 26.5   | 26.5 - 40            |                     |
| Frequency (<br>VSWR max   |  | 1,40                  | 12.4 - 18  | 18 - 26.5   | 26.5 - 40            |                     |
| Insertion los   |  |                       | 0.50 dB  | 0.70 dB   | 1.10 dB              |                     |
| Isolation mir   |  | 60 dB                 | 60 dB  | 55 dB   | 50 dB                |                     |
| Average pov   |  | 30 W                  | 25 W   | 15 W  | 5 W                  |                     |
|   |  |                       |  |   |                      |                     |
|   | ON IMPEDANCE<br>6. POWER AT 25° C  |                       | : 50 Ohms  | ninction (2)  | W total power        |                     |
| TERM. AVG   | D. POWER AT 25° C  |                       | i w per teri   | nination / 3  | w total power        |                     |
| Actuator<br>Nominal cur<br>Actuator volt<br>Terminals<br>Self cut-off t<br>TTL inputs (<br><u>MECHANICAL CH</u><br>Connectors<br>Life<br>Switching Ti | tage (Vcc)<br>ime<br>E) - High level<br>- Low level<br><u>ARACTERISTICS</u><br>me*** |                       | <ul> <li>LATCHING</li> <li>640 mA</li> <li>12V (10.2 to</li> <li>25 pins D-S</li> <li>40 ms &lt; CT</li> <li>2.2 to 5.5 V</li> <li>0 to 0.8 V / 2</li> <li>SMA 2.9 fert</li> <li>2 million cy</li> <li>&lt; 40 ms</li> </ul> | UB male cor<br>< 120 ms<br>/ 800µA at 5.<br>20µA at 0.8 V<br>nale per MIL<br>cles per pos | 5 V<br>,<br>-C 39012 |                     |
| Construction<br>Weight<br><u>ENVIRONMENTAI</u>  | L CHARACTERISTICS  |                       | ∶ Splashproo<br>∶ < 250 g  | •   |                      |                     |
| Operating temperature range   |  | :                     | : -40°C to +8  | 5°C   |                      |                     |
| Storage tem   | perature range   |                       | : -55°C to +8  | 5°C   | • (                  | RoHS                |
| <ul> <li>(* Average power at 25°C per RF Path)</li> <li>(** At 25° C ±10%)</li> </ul>   |  |                       |  |   | CC                   |                     |
| (*** Nominal volt   |  |                       |  |   |                      | MPLIA               |
|   |  |                       |  |   |                      |                     |

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