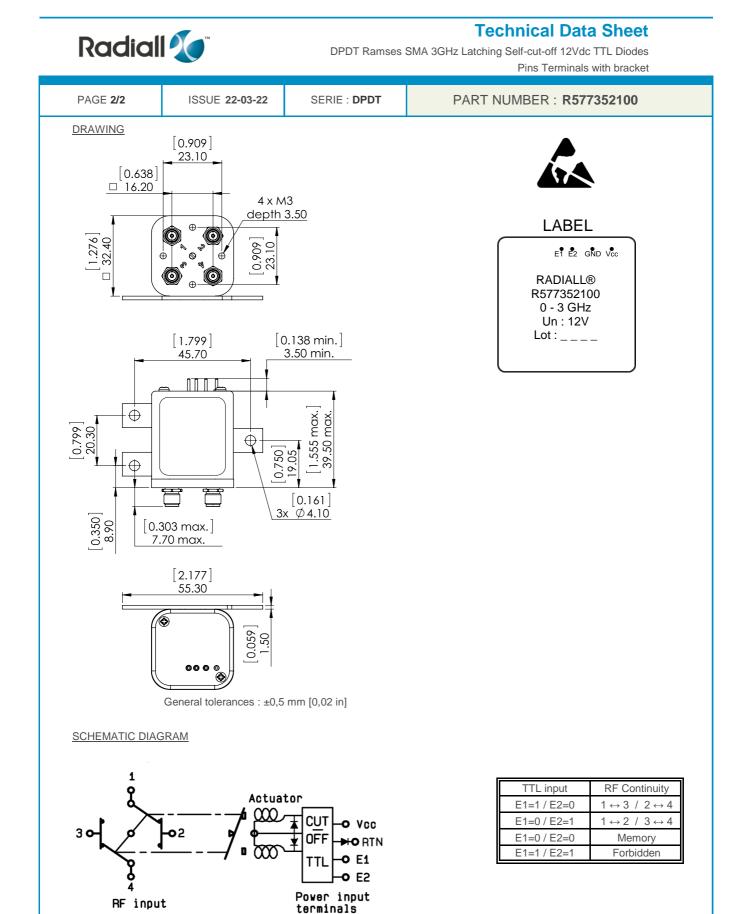
| Radiall 💓                                                                                                                                                              |                                                                             | <b>Technical Data Sheet</b><br>DPDT Ramses SMA 3GHz Latching Self-cut-off 12Vdc TTL Diodes<br>Pins Terminals with bracket                                                                                                         |                                 |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------|
| PAGE <b>1/2</b>                                                                                                                                                        | ISSUE 22-03-22                                                              | SERIE : <b>DPDT</b>                                                                                                                                                                                                               | PART NUMBER : <b>R577352100</b> |
| RF CHARACTER                                                                                                                                                           | RISTICS                                                                     |                                                                                                                                                                                                                                   |                                 |
| Frequency range<br>Impedance                                                                                                                                           |                                                                             | : 0 - 3 GHz<br>: 50 Ohms                                                                                                                                                                                                          |                                 |
| Frequency<br>VSWR max<br>Insertion lo<br>Isolation m<br>Average po                                                                                                     | x         1.20           vss max         0.20 dB           in         80 dB |                                                                                                                                                                                                                                   |                                 |
| ELECTRICAL CHARACTERISTICS<br>Actuator<br>Nominal current **<br>Actuator voltage (Vcc)<br>Terminals<br>Self cut-off time<br>TTL inputs (E) - High level<br>- Low level |                                                                             | <ul> <li>LATCHING</li> <li>320 mA</li> <li>12V (10.2 to 13V)</li> <li>solder pins (250°C max. / 30 sec.)</li> <li>40 ms &lt; CT &lt; 120 ms</li> <li>2.2 to 5.5 V / 800μA at 5.5 V</li> <li>0 to 0.8 V / 20μA at 0.8 V</li> </ul> |                                 |
| MECHANICAL CI                                                                                                                                                          | HARACTERISTICS                                                              |                                                                                                                                                                                                                                   |                                 |
| Connectors<br>Life<br>Switching Time***<br>Construction<br>Weight                                                                                                      |                                                                             | <ul> <li>SMA female per MIL-C 39012</li> <li>2.5 million cycles</li> <li>&lt; 15 ms</li> <li>Splashproof</li> <li>&lt; 100 g</li> </ul>                                                                                           |                                 |
|                                                                                                                                                                        | AL CHARACTERISTICS                                                          |                                                                                                                                                                                                                                   |                                 |
| Operating temperature range<br>Storage temperature range                                                                                                               |                                                                             | ∶ -40°C to +85<br>∶ -55°C to +85                                                                                                                                                                                                  |                                 |
| (** At 25° C ±1                                                                                                                                                        | ower at 25°C per RF Path)<br>10%)<br>oltage ; 25° C)                        |                                                                                                                                                                                                                                   | COMPLIAN                        |
|                                                                                                                                                                        |                                                                             |                                                                                                                                                                                                                                   |                                 |

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