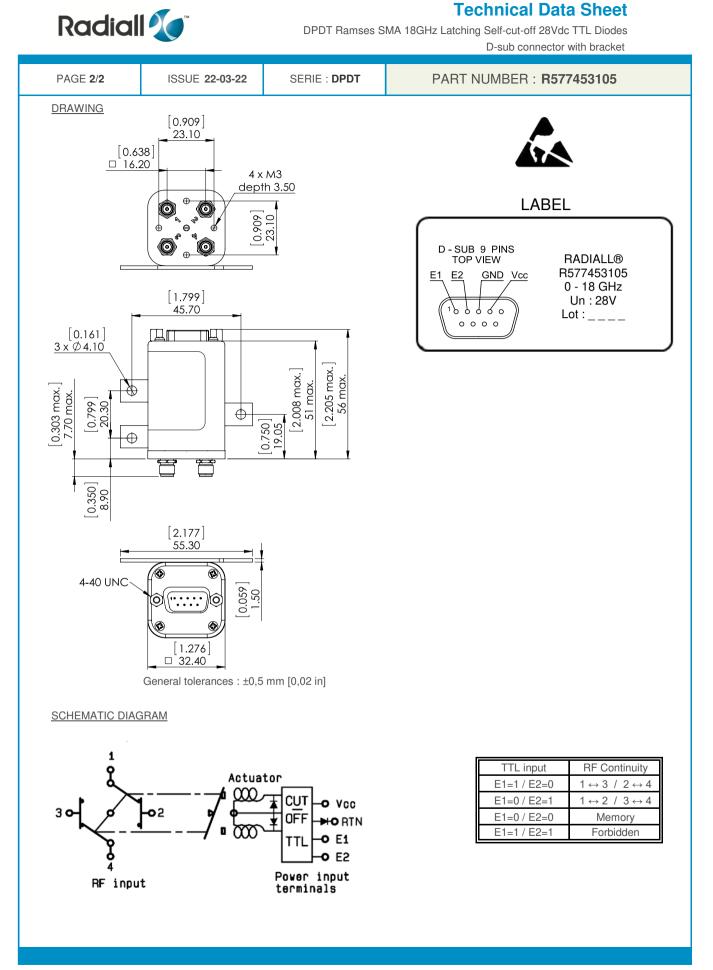


Technical Data Sheet

DPDT Ramses SMA 18GHz Latching Self-cut-off 28Vdc TTL Diodes D-sub connector with bracket

| PAGE 1/2 | ISSUE 2 | 22-03-22 | SERIE | : DPDT | PA | RT NUMBER : R5 7 | 77453105 |
|--|-------------------------|------------------------------|------------------|---|-----------------------------------|-------------------------|-------------|
| RF CHARACTER | STICS | | | | | | |
| | | | | | | | |
| Frequency r | ange | | : | 0 - 18 GHz | | | |
| Impedance | | : 50 Ohms | | | | | |
| | | | | | | | |
| Frequency (| GHz) | DC - 3 | 3 - 8 | 8 - 12.4 | 12.4 - 18 | | |
| VSWR max | | 1.20 | 1.30 | 1.40 | 1.50 | | |
| Insertion los | is max | 0.20 dB | 0.30 dB | 0.40 dB | 0.50 dB | | |
| Isolation mir | n | 80 dB | 70 dB | 65 dB | 60 dB | | |
| Average pov | wer (*) | 240 W | 150 W | 120 W | 100 W | | |
| | | | | | | | |
| ELECTRICAL CHA | | CS | | | | | |
| | | | | | | | |
| Actuator | | | | LATCHING | | | |
| Nominal cur | | | | 125 mA | | | |
| Actuator vol | tage (Vcc) | | | 28V (24 to 3 | • | | |
| Terminals | | | | - | B male conr | ector | |
| Self cut-off t | | | | 40 ms < CT | | | |
| | E) Lliabl | evel | : | 2.2 to 5.5 V | / 800µA at 5. | 5 V | |
| TTL inputs (| | | | | | | |
| TTL inputs (| - Low le | | | | 20µA at 0.8 V | | |
| TTL inputs (| | | | | 20µA at 0.8 V | | |
| | - Low le | evel | | | 20µA at 0.8 V | | |
| TTL inputs (| - Low le | evel | | | 20µA at 0.8 V | | |
| MECHANICAL CH | - Low le | evel | : | 0 to 0.8 V / 2 | | | |
| MECHANICAL CH Connectors | - Low le | evel | : | 0 to 0.8 V / 2 SMA female | e per MIL-C 3 | | |
| MECHANICAL CH Connectors Life | - Low le | evel | : | 0 to 0.8 V / 2 SMA female 2.5 million o | e per MIL-C 3 | | |
| MECHANICAL CH Connectors Life Switching Ti | - Low le IARACTERIST | evel | : : : | 0 to 0.8 V / 2 SMA female 2.5 million o < 15 ms | e per MIL-C 3 cycles | | |
| MECHANICAL CH Connectors Life Switching Ti Constructior | - Low le IARACTERIST | evel | : : : : | 0 to 0.8 V / 2 SMA female 2.5 million o < 15 ms Splashproo | e per MIL-C 3 cycles | | |
| MECHANICAL CH Connectors Life Switching Ti | - Low le IARACTERIST | evel | : : : : | 0 to 0.8 V / 2 SMA female 2.5 million o < 15 ms | e per MIL-C 3 cycles | | |
| MECHANICAL CH Connectors Life Switching Ti Constructior | - Low le IARACTERIST | evel I <u>CS</u> | : : : : | 0 to 0.8 V / 2 SMA female 2.5 million o < 15 ms Splashproo | e per MIL-C 3 cycles | | |
| MECHANICAL CH Connectors Life Switching Ti Constructior Weight ENVIRONMENTA | - Low le | ICS RISTICS | : | 0 to 0.8 V / 2 SMA female 2.5 million o < 15 ms Splashproo < 100 g | e per MIL-C 3 cycles f | | |
| MECHANICAL CH Connectors Life Switching Ti Construction Weight ENVIRONMENTA Operating te | - Low le | evel ICS RISTICS ge | : | 0 to 0.8 V / 2 SMA female 2.5 million o < 15 ms Splashproo < 100 g | per MIL-C 3 cycles f 5°C | | |
| MECHANICAL CH Connectors Life Switching Ti Construction Weight ENVIRONMENTA Operating te | - Low le | evel ICS RISTICS ge | : | 0 to 0.8 V / 2 SMA female 2.5 million o < 15 ms Splashproo < 100 g | per MIL-C 3 cycles f 5°C | | 18 |
| MECHANICAL CH Connectors Life Switching Ti Construction Weight ENVIRONMENTAL Operating te Storage tem | - Low le | evel ICS RISTICS ge | : | 0 to 0.8 V / 2 SMA female 2.5 million o < 15 ms Splashproo < 100 g | per MIL-C 3 cycles f 5°C | 9012 | 3 |
| MECHANICAL CH Connectors Life Switching Ti Construction Weight ENVIRONMENTA Operating te Storage tem | - Low le | evel ICS RISTICS ge | : | 0 to 0.8 V / 2 SMA female 2.5 million o < 15 ms Splashproo < 100 g | per MIL-C 3 cycles f 5°C | 9012 | 8 |
| MECHANICAL CH Connectors Life Switching Ti Construction Weight ENVIRONMENTA Operating te Storage tem (* Average pow (** At 25° C ±10 | - Low le | evel ICS RISTICS ge | : | 0 to 0.8 V / 2 SMA female 2.5 million o < 15 ms Splashproo < 100 g | per MIL-C 3 cycles f 5°C | 9012 | |
| MECHANICAL CH Connectors Life Switching Ti Construction Weight ENVIRONMENTA Operating te Storage tem (* Average pow (** At 25° C ±10 | - Low le | evel ICS RISTICS ge | : | 0 to 0.8 V / 2 SMA female 2.5 million o < 15 ms Splashproo < 100 g | per MIL-C 3 cycles f 5°C | 9012 | 10 - I ANA |
| MECHANICAL CH Connectors Life Switching Ti Construction Weight ENVIRONMENTA Operating te Storage tem (* Average pow (** At 25° C ±10 | - Low le | evel ICS RISTICS ge | : | 0 to 0.8 V / 2 SMA female 2.5 million o < 15 ms Splashproo < 100 g | per MIL-C 3 cycles f 5°C | 9012 | AN INT |
| MECHANICAL CH Connectors Life Switching Ti Construction Weight ENVIRONMENTA Operating te Storage tem (* Average pow (** At 25° C ±10 | - Low le | evel ICS RISTICS ge | : | 0 to 0.8 V / 2 SMA female 2.5 million o < 15 ms Splashproo < 100 g | per MIL-C 3 cycles f 5°C | 9012 | I ANA |
| MECHANICAL CH Connectors Life Switching Ti Construction Weight ENVIRONMENTA Operating te Storage tem (* Average pow (** At 25° C ±10 | - Low le | evel ICS RISTICS ge | : | 0 to 0.8 V / 2 SMA female 2.5 million o < 15 ms Splashproo < 100 g | per MIL-C 3 cycles f 5°C | 9012 | SS . AAA |
| MECHANICAL CH Connectors Life Switching Ti Construction Weight ENVIRONMENTA Operating te Storage tem (* Average pow (** At 25° C ±10 | - Low le | evel ICS RISTICS ge | : | 0 to 0.8 V / 2 SMA female 2.5 million o < 15 ms Splashproo < 100 g | per MIL-C 3 cycles f 5°C | 9012 | I ANT |

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