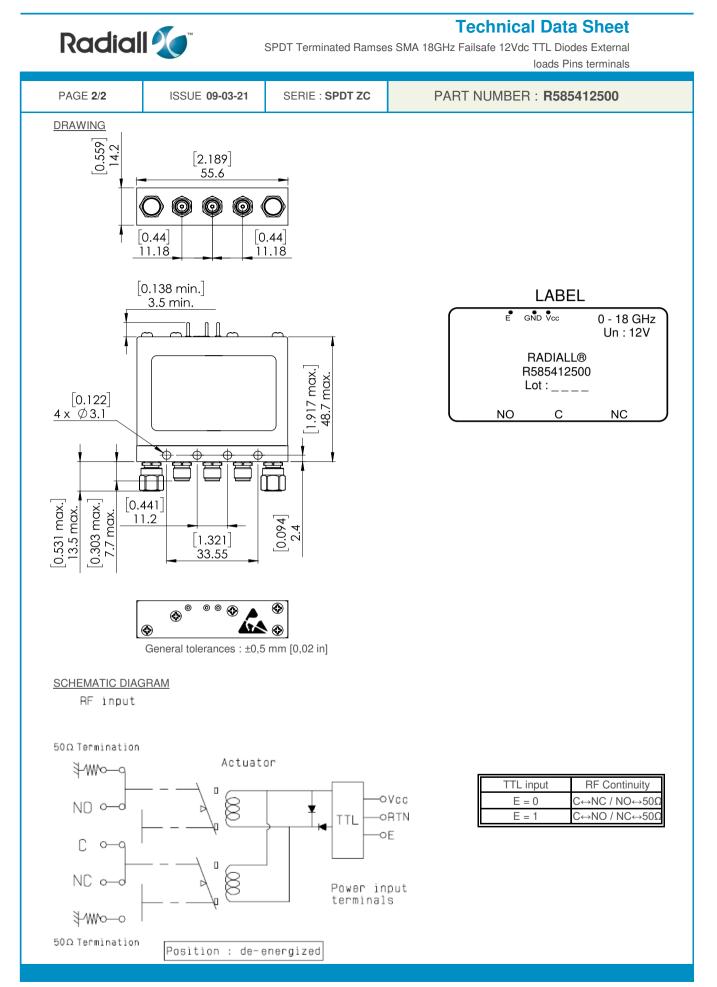


Technical Data Sheet

SPDT Terminated Ramses SMA 18GHz Failsafe 12Vdc TTL Diodes External loads Pins terminals

| PAGE 1/2 ISSUE 09- | | 09-03-21 | 03-21 SERIE : SPDT ZC | | PART NUMBER : R585412500 | |
|--|-----------------------------|----------|-----------------------|--|---------------------------------|----------|
| RF CHARACTERISTICS | | | | | | |
| | | | | | | |
| Frequency range | | | : | 0 - 18 GHz | | |
| Impedance | | | : | 50 Ohms | | |
| | | | | | | |
| Frequency (0 | GHz) | DC - 3 | 3 - 8 | 8 - 12.4 | 12.4 - 18 | |
| VSWR max | | 1.20 | 1.30 | 1.40 | 1.50 | |
| Insertion loss max | | 0.20 dB | 0.30 dB | 0.40 dB | 0.50 dB | |
| Isolation min | | 80 dB | 70 dB | 60 dB | 60 dB | |
| Average power (*) | | 240 W | 150 W | 120 W | 100 W | |
| | | | | | | |
| | | | | | | |
| ELECTRICAL CHA | RACTERIST | TICS | | | | |
| | | | | | | |
| Actuator | Actuator | | | FAILSAFE | | |
| | Nominal current ** | | : | 500 mA | | |
| Actuator voltage (Vcc) | | | : | 12V (10.2 to | 13V) | |
| Terminals | | | | : solder pins (250°C max. / 30 sec.) | | |
| TTL inputs (E) - High level | | level | | | / 800µA at 5.5 \ | |
| | - Low level | | | : 0 to 0.8 V / 20µA at 0.8 V | | |
| | | | | | | |
| MECHANICAL CHARACTERISTICS Connectors Life Switching Time*** Construction Weight | | | : | SMA female per MIL-C 39012 10 million cycles < 10 ms Splashproof < 100 g | | |
| ENVIRONMENTAL | CHARACTE | ERISTICS | | | | |
| Operatina te | Operating temperature range | | | ∴ -40°C to +85°C | | |
| Storage temperature range | | | : -55°C to +85°C | | | |
| | | - | | | | ROHS |
| (* Average power at 25°C per RF Path) (** At 25° C ±10%) (*** Nominal voltage ; 25° C) | | | | | | COMPLIAN |
| | | | | | | |
| | | | | | | |

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