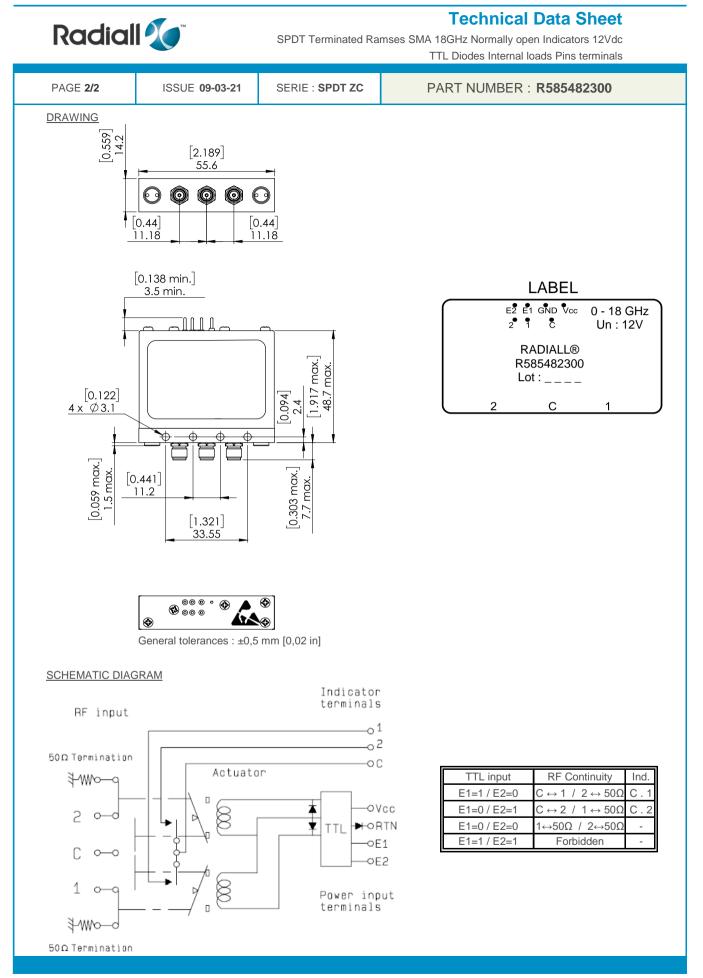


Technical Data Sheet

SPDT Terminated Ramses SMA 18GHz Normally open Indicators 12Vdc TTL Diodes Internal loads Pins terminals

| | PAGE 1/2 ISSUE 09-03-21 | | | | | | | |
|--|--|------------------------------|--------------------------------------|--|---------------------------------|--|------------------|---|
| 1600 03-03-21 | | -03-21 | SERIE : SPDT ZC | | PART NUMBER : R585482300 | | | |
| | | | | | | | | |
| RF CHARACTERI | <u>STICS</u> | | | | | | | |
| Frequency r | ande | | | 0 - 18 GHz | | | | |
| Frequency range Impedance | | | | 50 Ohms | | | | |
| mpedance | | | | | | | | |
| Frequency (| GHz) | DC - 3 | 3 - 8 | 8 - 12.4 | 12.4 - 18 | | | |
| VSWR max | | 1.20 | 1.30 | 1.40 | 1.50 | | | |
| Insertion los | s max | 0.20 dB | 0.30 dB | 0.40 dB | 0.50 dB | | | |
| Isolation mir | | 80 dB | 70 dB | 60 dB | 60 dB | | | |
| Average pov | ver (*) | 240 W | 150 W | 120 W | 100 W | | | |
| | | | | | | | | |
| ELECTRICAL CHA | | c | | | | | | |
| | ANACILNISTIC | <u> </u> | | | | | | |
| Actuator | | | : | NORMALLY | OPEN | | | |
| Nominal current ** | | | : | 250 mA | - | | | |
| Actuator voltage (Vcc) | | | : | 12V (10.2 to | 13V) | | | |
| Terminals | | | : solder pins (250°C max. / 30 sec.) | | | | | |
| Indicator rating | | | : 1 W / 30 V / 100 mA | | | | | |
| TTL inputs (| E) - High lev - Low lev | | | 2.2 to 5.5 V | | | | |
| | - LOW IEV | ei | | 0 to 0.8 V / 2 | 20μΑ αι υ.ο ν | | | |
| | | | | | | | | |
| MECHANICAL CH | ARACTERISTIC | S | | | | | | |
| | | | | | | | | |
| Connectors | | : SMA female per MIL-C 39012 | | | 9012 | | | |
| Life | | : 2 million cycles | | | | | | |
| | | | | - | cles | | | |
| Switching Ti | | | : | < 10 ms | | | | |
| Construction | | | : | < 10 ms Splashproo | | | | |
| - | | | : | < 10 ms | | | | |
| Construction | | | : | < 10 ms Splashproo | | | | |
| Construction | 1 | <u>STICS</u> | : | < 10 ms Splashproo | | | | |
| Construction Weight | 1 | <u>STICS</u> | : | < 10 ms Splashproo | | | | |
| Construction Weight | 1 | | : | < 10 ms Splashproo | f | | | |
| Construction Weight ENVIRONMENTAL Operating te | _ CHARACTERI | | : | < 10 ms Splashproo < 100 g | f 5°C | | a o H.a | |
| Construction Weight ENVIRONMENTAL Operating te | <u>- CHARACTERI</u> mperature rang | | : | < 10 ms Splashproo < 100 g -40°C to +85 | f 5°C | | RoHS | Λ |
| Construction Weight ENVIRONMENTAL Operating te Storage tem | - CHARACTERI mperature rang perature range | 9 | : | < 10 ms Splashproo < 100 g -40°C to +85 | f 5°C | | RoHS |) |
| Construction Weight ENVIRONMENTAL Operating te Storage tem | <u>CHARACTER</u> mperature rang perature range ver at 25°C per | 9 | : | < 10 ms Splashproo < 100 g -40°C to +85 | f 5°C | | RoHs | |
| Construction Weight ENVIRONMENTAL Operating te Storage tem (* Average pow (** At 25° C ±10 | - CHARACTERI Imperature range perature range ver at 25°C per 1 0%) | 9 | : | < 10 ms Splashproo < 100 g -40°C to +85 | f 5°C | | ROHS OMPLIA | |
| Construction Weight ENVIRONMENTAL Operating te Storage tem (* Average pow (** At 25° C ±10 | - CHARACTERI Imperature range perature range ver at 25°C per 1 0%) | 9 | : | < 10 ms Splashproo < 100 g -40°C to +85 | f 5°C | | ROHS |) |
| Construction Weight ENVIRONMENTAL Operating te Storage tem (* Average pow (** At 25° C ±10 | - CHARACTERI Imperature range perature range ver at 25°C per 1 0%) | 9 | : | < 10 ms Splashproo < 100 g -40°C to +85 | f 5°C | | ROHS COMPLIAN | |
| Construction Weight ENVIRONMENTAL Operating te Storage tem (* Average pow (** At 25° C ±10 | - CHARACTERI Imperature range perature range ver at 25°C per 1 0%) | 9 | : | < 10 ms Splashproo < 100 g -40°C to +85 | f 5°C | | ROHS NOMPLIA | |

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