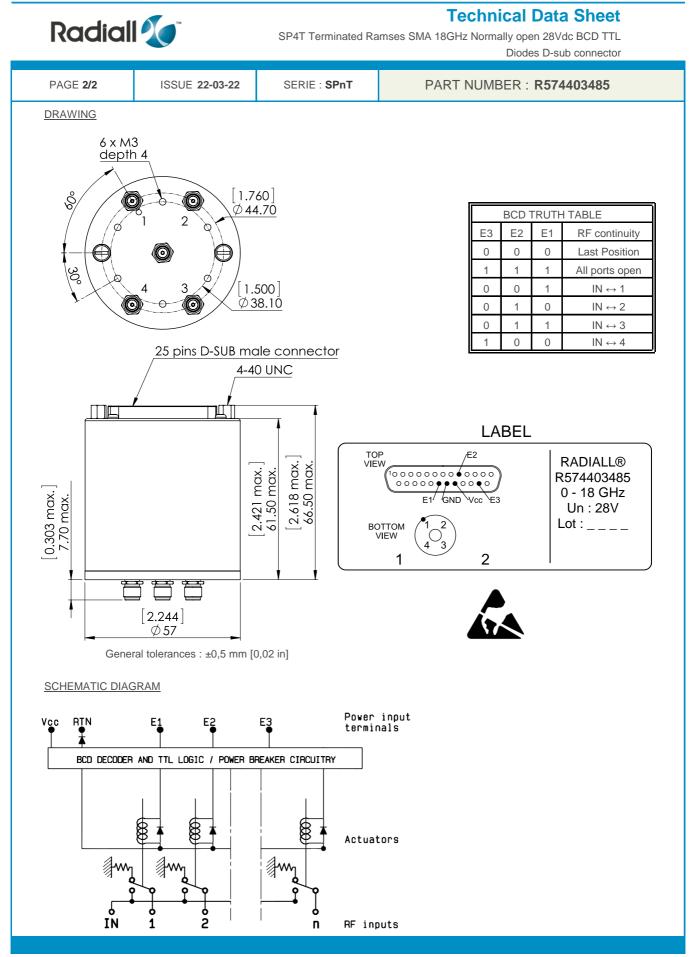


Technical Data Sheet

SP4T Terminated Ramses SMA 18GHz Normally open 28Vdc BCD TTL Diodes D-sub connector

| PAGE 1/2 | ISSU | E 22-03-22 | SERIE | : SPnT | PA | RT NUMBER : R574403485 |
|---|--|------------------------------|---------------------------------|--|--------------------------|-------------------------------|
| | | | | | | |
| RF CHARACTER | 51165 | | | | | |
| Number of | ays | | : | 4 | | |
| Frequency range | | | : 0 - 18 GHz | | | |
| Impedance | | | : | 50 Ohms | | |
| 1 | | | | | | |
| Frequency | GHz) | DC - 3 | 3 - 8 | 8 - 12.4 | 12.4 - 18 | |
| VSWR max | | 1,20 | 1,30 | 1,40 | 1,50 | |
| Insertion los | | 0.20 dB | 0.30 dB | 0.40 dB | 0.50 dB | |
| Isolation mi | | 80 dB | 70 dB | 60 dB | 60 dB | |
| Average po | /er (*) | 240 W | 150 W | 120 W | 100 W | |
| TERMINAT | ON IMPED | ANCE | | 50 Ohms | | |
| TERM. AVG. POWER AT | | | | | nination / 3 | V total power |
| | | | | • | | |
| | | | | | | |
| ELECTRICAL CH | RACTERIS | <u>STICS</u> | | | | |
| A | | | | | | |
| Actuator Nominal current ** | | | : NORMALLY OPEN : 102 mA | | | |
| Actuator voltage (Vcc) | | | : 28V (24 to 30V) | | | |
| Terminals | | | 25 pins D-SUB male connector | | | |
| BCD inputs (E) - High level | | | : 3.5 to 5.5 V / 800µA at 5.5 V | | | |
| | - Lo | w level | : | 0 to 1.5 V / 2 | 20µA at 0.8 V | |
| | | | | | | |
| MECHANICAL CH | ARACTERI | ISTICS | | | | |
| | | | | | | |
| Connectors | | | | | | |
| | | | | SMA female | - | |
| Life | ~ ~ *** | | : | 2 million cy | - | |
| Life Switching T | | | : | 2 million cy < 15 ms | cles per pos | |
| Life Switching T Constructio | | | : | 2 million cy < 15 ms Splashproo | cles per pos | |
| Life Switching T | | | : | 2 million cy < 15 ms | cles per pos | |
| Life Switching T Constructio Weight | | TERISTICS | : | 2 million cy < 15 ms Splashproo | cles per pos | |
| Life Switching T Constructio Weight | | TERISTICS | : | 2 million cy < 15 ms Splashproo | cles per pos | |
| Life Switching T Constructio Weight | CHARAC | | : | 2 million cy < 15 ms Splashproo | cles per pos f | |
| Life Switching T Constructio Weight ENVIRONMENTA | <u>. CHARAC</u> | range | : | 2 million cy < 15 ms Splashproo < 250 g | cles per pos f 5°C | ition |
| Life Switching T Constructio Weight <u>ENVIRONMENTA</u> Operating to | <u>. CHARAC</u> | range | : | 2 million cy < 15 ms Splashproo < 250 g -40°C to +85 | cles per pos f 5°C | |
| Life Switching T Constructio Weight ENVIRONMENTA Operating to Storage ten | <u>. CHARAC</u> mperature perature ra | range nge | : | 2 million cy < 15 ms Splashproo < 250 g -40°C to +85 | cles per pos f 5°C | ition |
| Life Switching T Constructio Weight ENVIRONMENTA Operating to Storage ten | <u>CHARAC</u> mperature perature ra ver at 25°C | range | : | 2 million cy < 15 ms Splashproo < 250 g -40°C to +85 | cles per pos f 5°C | ition |
| Life Switching T Constructio Weight ENVIRONMENTA Operating to Storage ten | <u>CHARAC</u> mperature perature ra ver at 25°C %) | range nge per RF Path) | : | 2 million cy < 15 ms Splashproo < 250 g -40°C to +85 | cles per pos f 5°C | ition |

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