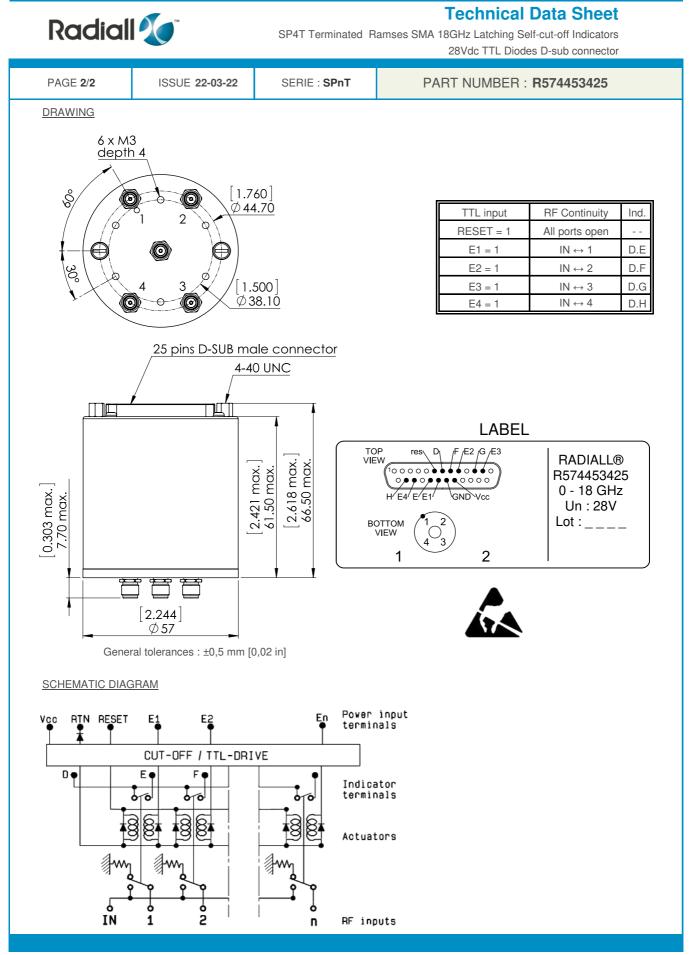


Technical Data Sheet

SP4T Terminated Ramses SMA 18GHz Latching Self-cut-off Indicators 28Vdc TTL Diodes D-sub connector

| PAGE 1/2 | ISSUE 22-03-22 | 22-03-22 SERIE : SPnT | | PART NUMBER : R574453425 | |
|--|--|-----------------------|--|---------------------------------|----------------------|
| RF CHARACTER | <u>STICS</u> | | | | |
| Number of v Frequency Impedance | - | : | : 4 : 0 - 18 GHz : 50 Ohms | | |
| Frequency | (GHz) DC - 3 | 3-8 | 8 - 12.4 | 12.4 - 18 | |
| VSWR max | , | 1,30 | 1,40 | 1,50 | |
| Insertion los | | | 0.40 dB | 0.50 dB | |
| Isolation mi | n 80 dB | 70 dB | 60 dB | 60 dB | |
| Average po | wer (*) 240 W | 150 W | 120 W | 100 W | |
| | ION IMPEDANCE à. POWER AT 25° C | | 50 Ohms 1 W per terr | mination / 3 \ | <i>N</i> total power |
| ELECTRICAL CH | ARACTERISTICS | | | | |
| Actuator Nominal current ** Actuator voltage (Vcc) Terminals Indicator rating Self cut-off time TTL inputs (E) - High level - Low level | | : | LATCHING 125 mA / RESET : 500 mA **** 28V (24 to 30V) 25 pins D-SUB male connector 1 W / 30 V / 100 mA 40 ms < CT < 120 ms 2.2 to 5.5 V / 800μA at 5.5 V 0 to 0.8 V / 20μA at 0.8 V | | |
| MECHANICAL CH | IARACTERISTICS | | | | |
| Connectors | | : | : SMA female per MIL-C 39012 | | |
| Life | | | : 2 million cycles per position | | |
| Switching Time*** Construction | | | : < 15 ms : Splashproof | | |
| Weight | 1 | | : < 250 g | • | |
| ENVIRONMENTA | L CHARACTERISTICS | i | | | |
| Operating temperature range Storage temperature range | | | : -40°C to +85°C : -55°C to +85°C | | ROHS |
| (** At 25° C ±1 (*** Nominal vol | wer at 25°C per RF Pat 0%) tage ; 25° C) oly voltage time 1sec. r | | 10%) | | COMPLIAN |

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