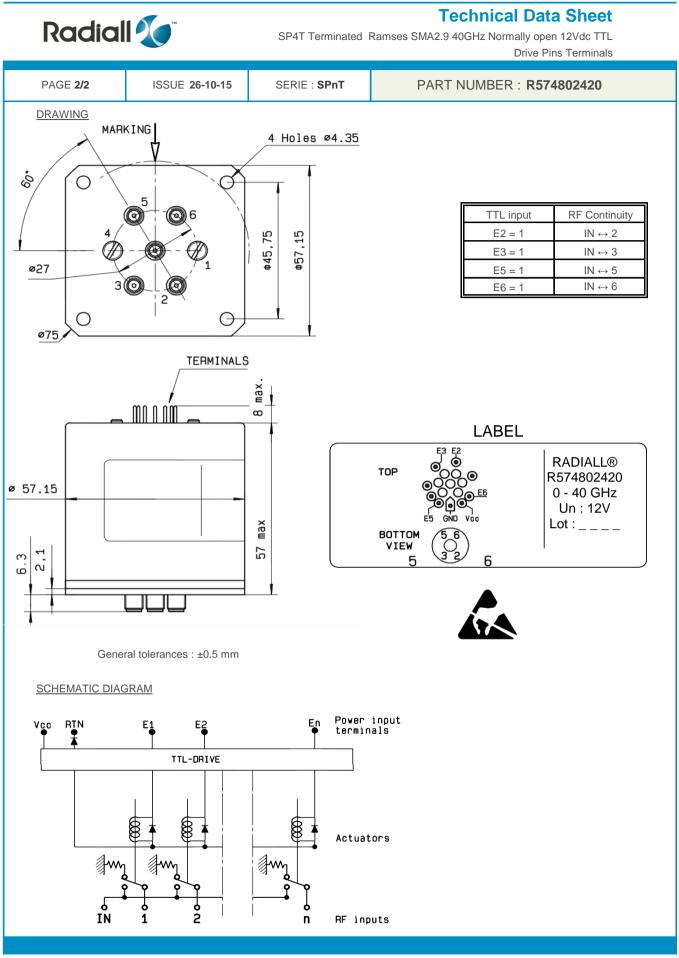


Technical Data Sheet

SP4T Terminated Ramses SMA2.9 40GHz Normally open 12Vdc TTL Drive Pins Terminals

| | | | | | | Drive I ins Termina | |
|------------------------------|-------------------------|---|----------------------------------|---------------|--------------|------------------------|--|
| PAGE 1/2 | PAGE 1/2 ISSUE 26-10-15 | | : SPnT | PA | ART NUMB | ER : R574802420 | |
| RF CHARACTERI | STICS | | | | | | |
| | <u></u> | | | | | | |
| Number of v | lays | : | 4 | | | | |
| Frequency range | | : | : 0 - 40 GHz | | | | |
| Impedance | | : | 50 Ohms | | | | |
| | | | | | | | |
| Frequency (| | _ | 12.4 - 18 | 18 - 26.5 | 26.5 - 40 | | |
| VSWR max | 1.30 | | 1.50 | 1.70 | 2.20 | | |
| Insertion los | | | 0.50 dB | 0.70 dB | 1.10 dB | | |
| Isolation mir Average pov | | | 60 dB 25 W | 55 dB 15 W | 50 dB 5 W | | |
| Average por | | 50 11 | 25 11 | 13 🗤 | 5 🗤 | | |
| TERMINATI | ON IMPEDANCE | : | 50 Ohms | | | | |
| TERM. AVG | . POWER AT 25° C | : | 1 W per terr | nination / 3 | W total powe | r | |
| | | | • | | | | |
| | | | | | | | |
| ELECTRICAL CHA | ARACTERISTICS | | | | | | |
| | | | | | | | |
| Actuator | | | | | | | |
| Nominal cur | | | 250 mA | 421/1 | | | |
| Actuator vol Terminals | lage (vcc) | | 12V (10.2 to solder pins | - | (30 coc) | | |
| TTL inputs (| E) - High level | | - | - | - | | |
| | | ∷ 2.2 to 5.5 V / 800μA at 5.5 V ∷ 0 to 0.8 V / 20μA at 0.8 V | | | | | |
| | - Low level | • | | -opA at 0.0 1 | | | |
| | | | | | | | |
| MECHANICAL CH | ARACTERISTICS | | | | | | |
| | | | | | | | |
| Connectors | | : | : SMA 2.9 female per MIL-C 39012 | | | | |
| Life | | : | 2.000.000 cycles per position | | | | |
| Switching Time*** | | : | : < 15 ms | | | | |
| Constructior | : | : Splashproof | | | | | |
| Weight | : | < 250 g | | | | | |
| | | | | | | | |
| | | 2 | | | | | |
| | | 2 | | | | | |
| Operating te | mperature range | | -40°C to +8 | 5°C | | | |
| Storage temperature range | | | : -55°C to +85°C | | | | |
| - | - | | | | | ROHS | |
| | | | | | (| . (| |
| (* Average pov | th) | | | (| <u>م</u> 🔽 ۲ | | |
| (** At 25° C ±10 | | | | | | MPILA | |
| (*** Nominal volt | age ; 25° C) | | | | | | |
| | | | | | | | |
| | | | | | | | |
| | | | | | | | |
| | | | | | | | |
| | | | | | | | |

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