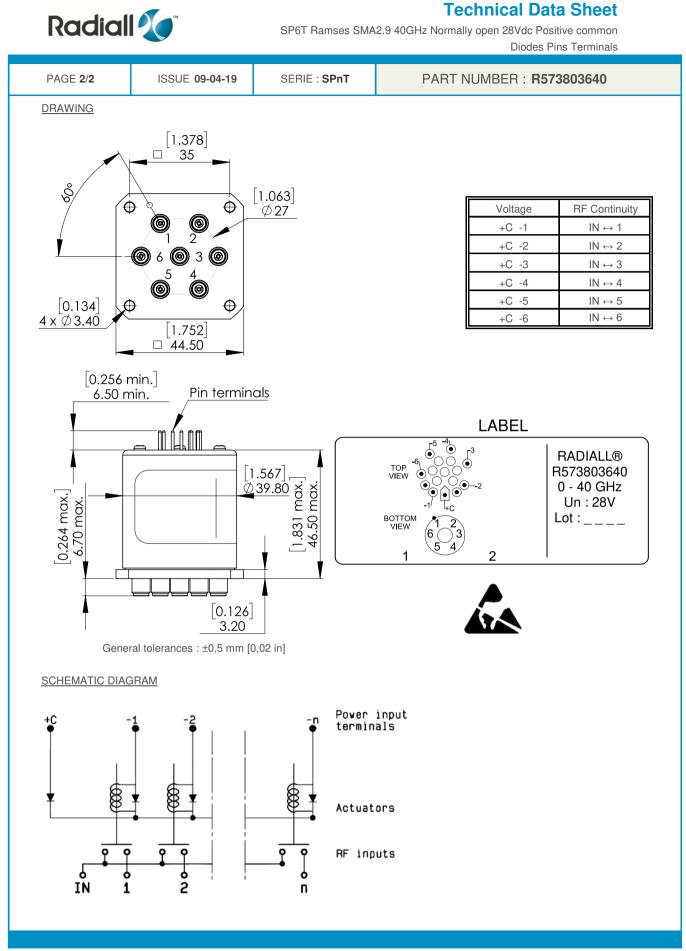


Technical Data Sheet

SP6T Ramses SMA2.9 40GHz Normally open 28Vdc Positive common Diodes Pins Terminals

| PAGE 1/2 ISSUE | | 09-04-19 SERIE : SPnT | | SPnT | PART NUMBER : R573803640 | | |
|--|---|-----------------------|----------------------------------|-------------------------------------|---------------------------------|--------------|------------------|
| RF CHARACTER | | | <u> </u> | | | | |
| NF CHARACTER | 131103 | | | | | | |
| Number of | ways | | : | 6 | | | |
| Frequency range | | | : | 0 - 40 GHz | | | |
| Impedance | | | : | 50 Ohms | | | |
| | | | | | | | I |
| Frequency | | DC - 6 | 6 - 12.4 | 12.4 - 18 | 18 - 26.5 | 26.5 - 40 | |
| VSWR max | | 1.30 | 1.40 | 1.50 | 1.70 | 2.20 | |
| Insertion loss max | | 0.20 dB | 0.40 dB | 0.50 dB | 0.70 dB | 1.10 dB | |
| Isolation mi Average po | | 70 dB 40 W | 60 dB 30 W | 60 dB 25 W | 55 dB 15 W | 50 dB 5 W | |
| Average po | | 40 W | 30 10 | 25 W | 15 W | 5 W | |
| | | | | | | | |
| ELECTRICAL CH | ARACTERIST | ICS | | | | | |
| | | | | | | | |
| Actuator | | | : | NORMALLY | OPEN | | |
| Nominal current ** | | | | : 102 mA | | | |
| Actuator vo | Itage (Vcc) | | | : 28V (24 to 30V) / POSITIVE COMMON | | | |
| Terminals | | | : | solder pins | (250°C max. | / 30 sec.) | |
| | | | | | | | |
| MECHANICAL CH | HARACTERIS | TICS | | | | | |
| | | | | | | | |
| Connectors | | | : SMA 2.9 female per MIL-C 39012 | | | | |
| Life | | | | 2 million cycles per position | | | |
| Switching Time*** | | | | : < 15 ms | | | |
| Construction | | | | ∶ Splashproof ∶ < 180 g | | | |
| \M/oight | | | | < 100 g | | | |
| Weight | | | | 0 | | | |
| Weight | | | | 0 | | | |
| Weight ENVIRONMENTA | L CHARACTE | RISTICS | | Ū | | | |
| | L CHARACTE | ERISTICS | | Ū | | | |
| ENVIRONMENTA | emperature ra | nge | | -40°C to +85 | | | |
| ENVIRONMENTA | | nge | | | | | aoHa |
| ENVIRONMENTA | emperature ra | nge | | -40°C to +85 | | , | ROHS |
| ENVIRONMENTA Operating t Storage ten | emperature ra nperature rang | nge je | | -40°C to +85 | | | RoHs |
| ENVIRONMENTA Operating t Storage ten | emperature ra nperature rang wer at 25°C p | nge je | | -40°C to +85 | | | |
| ENVIRONMENTA Operating t Storage ten (* Average po (** At 25° C ±1 | emperature ra nperature rang wer at 25°C p 0%) | nge je | | -40°C to +85 | | | ROHS COMPLIAN |
| ENVIRONMENTA Operating t Storage ten (* Average po (** At 25° C ±1 | emperature ra nperature rang wer at 25°C p | nge je | | -40°C to +85 | | | |
| ENVIRONMENTA Operating t Storage ten (* Average po (** At 25° C ±1 | emperature ra nperature rang wer at 25°C p 0%) | nge je | | -40°C to +85 | | | |
| ENVIRONMENTA Operating t Storage ten (* Average po (** At 25° C ±1 | emperature ra nperature rang wer at 25°C p 0%) | nge je | | -40°C to +85 | | | |
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| ENVIRONMENTA Operating t Storage ten (* Average po (** At 25° C ±1 | emperature ra nperature rang wer at 25°C p 0%) | nge je | | -40°C to +85 | | | |

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