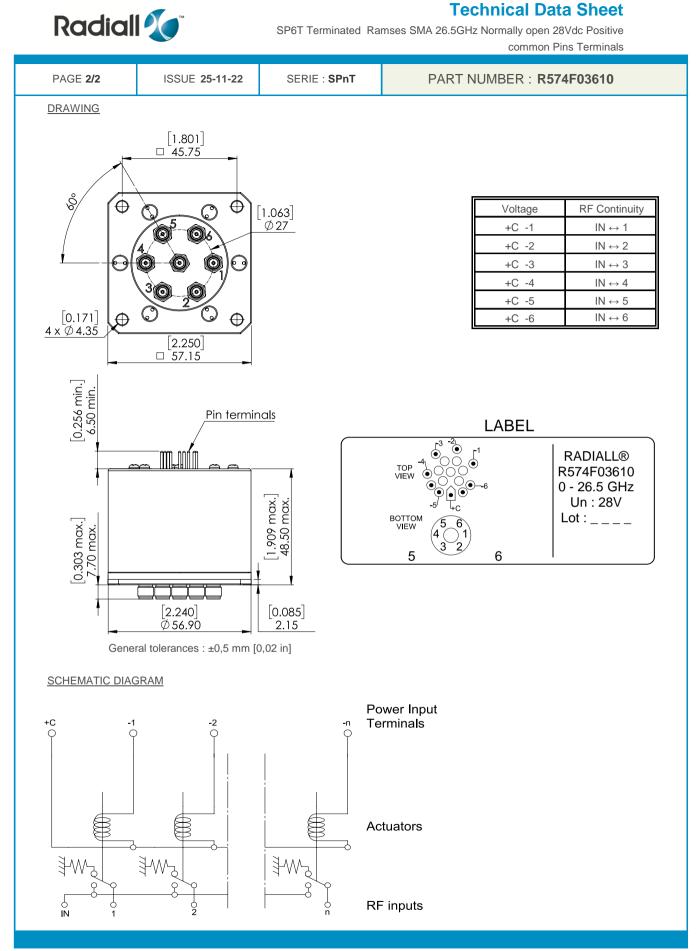


Technical Data Sheet

SP6T Terminated Ramses SMA 26.5GHz Normally open 28Vdc Positive common Pins Terminals

| <section-header> RF CHARACTERISTICS Mumber of wayys f. Frequency range f. 0.26.5 GHz Impedance f. 0.20.5 GHz Impedance f. 0.20.1 GN ONDER Impedance f. 0.20.1 GN ONDER Impediance f. 0.20.1 GN ONDER Impediance f. 0.20.1 GN ONDER Impediance f. 0.20.0 GN ONDER ONDER Impediance f. 0.20.0 GN ONDER ONDER Mumber of Name f. 0.20.0 GN ONDER</section-header> | | PAGE 1/2 ISSUE 25-11-22 | | | SERIE : SPnT | | PART NUMBER : R574F03610 | | | |
|---|-------------|--|---|------------|---------------------|-------------------------|---------------------------------|-------------|------------------|--|
| <text></text> | <u>RF C</u> | HARACTERIS | STICS | | | | | | | |
| <text></text> | | Number of w | avs | | | 6 | | | | |
| <text></text> | | | | | | | | | | |
| <text><text><text><text><text></text></text></text></text></text> | | | ango | | | | - | | | |
| VSWR max 1,20 1,30 1,40 1,50 1,70 insertion loss max 0.20 dB 0.30 dB 0.40 dB 0.50 dB 50 dB solation min 80 dB 70 db 60 dB 60 dB 50 dB warage power (*) 240 W 150 W 120 W 100 W 40 W TERMINATION IMPEDANCE :: 50 Ohms TERM. AVG. POWER AT 25° C :: 1 W per termination / 3 W total power Cutator :: 000 C : 100 m 20 dW 100 W Actuator :: 000 C :: 100 m 20 m 20 m Actuator :: 000 C :: 200 C 20 m 20 m Actuator voltage (Vcc) ::: 200 C :: 200 C 20 m 30 sec.) MECHANICAL CHARACTERISTICS Connectors ::: SMA female per MIL-C 39012 100 m 100 m <t< td=""><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></t<> | | | | | | | | | | |
| Insertion loss max 0.20 dB 0.30 dB 0.40 dB 0.50 dB 0.70 dB Isolation min 80 dB 70 dB 60 dB 60 dB 50 dB 40 w Isolation min 80 dB 70 dB 60 dB 60 dB 60 dB 50 dB bd | | Frequency (| GHz) | DC - 3 | 3 - 8 | 8 - 12.4 | 12.4 - 18 | 18-26.5 | | |
| isolation min 80 dB 70 dB 60 dB 50 dB Average power (*) 240 W 150 W 120 W 100 W 40 W TERMINATION IMPEDANCE :: 50 Ohms TERM. AVG. POWER AT 25° C :: 1 W per termination / 3 W total power ELECTRICAL CHARACTERISTICS Actuator : NORMALLY OPEN Nominal current ** :: 102 mA Actuator voltage (Vcc) :: :: 280 (24 to 30V) / POSITIVE COMMON Terminals :: :: solder pins (250°C max. / 30 sec.) MECHANICAL CHARACTERISTICS :: :: SMA female per MIL-C 39012 Life :: :: :: :: Connectors :: : : : Switching Time*** :: : :: : Construction :: : : : : Weight :: : : : : : Dyperating temperature range : : : : : : (' Average power at 25°C per RF Path) <td></td> <td>VSWR max</td> <td></td> <td>1,20</td> <td>1,30</td> <td>1,40</td> <td>1,50</td> <td>1,70</td> <td></td> <td></td> | | VSWR max | | 1,20 | 1,30 | 1,40 | 1,50 | 1,70 | | |
| Average power (') 240 W 150 W 120 W 100 W 40 W TERMINATION IMPEDANCE :: 50 Ohms TERM. AVG. POWER AT 25° C :: 1 W per termination / 3 W total power ELECTRICAL CHARACTERISTICS Actuator :: NORMALLY OPEN Nominal current ** :: 102 mA Actuator voltage (Voc) :: 28V (24 to 30V) / POSITIVE COMMON Terminals :: solder pins (250°C max. / 30 sec.) MECHANICAL CHARACTERISTICS Connectors :: SMA female per MIL-C 39012 Life :: 3 million cycles per position Switching Time*** :: < 15 ms | | Insertion loss | s max | 0.20 dB | 0.30 dB | 0.40 dB | 0.50 dB | 0.70 dB | | |
| TERMINATION IMPEDANCE :: 50 Ohms TERM. AVG. POWER AT 25° C :: 1 W per termination / 3 W total power ELECTRICAL CHARACTERISTICS Actuator :: NORMALLY OPEN Nominal current ** :: 102 mA Actuator voltage (Vcc) :: 28V (24 to 30V) / POSITIVE COMMON Terminals :: 28V (24 to 30V) / POSITIVE COMMON Terminals :: 28V (24 to 30V) / POSITIVE COMMON Terminals :: 28V (24 to 30V) / POSITIVE COMMON Terminals :: 28V (24 to 30V) / POSITIVE COMMON Terminals :: 28V (24 to 30V) / POSITIVE COMMON Terminals :: 28V (24 to 30V) / POSITIVE COMMON MECHANICAL CHARACTERISTICS :: 28V (24 to 30V) / POSITIVE COMMON Mechanical CHARACTERISTICS :: SMA female per MIL-C 39012 Life :: 3 million cycles per position Switching Time*** :: 415 ms Construction :: Splashproof Weight :: 250 g ENVIRONMENTAL CHARACTERISTICS :: 40°C to +85°C Corrage temperature range :: 55°C to +85°C (* Average power at 25°C per RF Path) :: 41°C to ±10%) | | | | | | | | | | |
| TERM. AVG. POWER AT 25° C : 1 W per termination / 3 W total power ELECTRICAL CHARACTERISTICS Actuator : NORMALLY OPEN Mominal current ** : 102 mA Actuator voltage (Vcc) : 28V (24 to 30V) / POSITIVE COMMON Terminals : solder pins (250°C max. / 30 sec.) MECHANICAL CHARACTERISTICS | | Average pow | ver (*) | 240 W | 150 W | 120 W | 100 W | 40 W | | |
| TERM. AVG. POWER AT 25° C : 1 W per termination / 3 W total power ELECTRICAL CHARACTERISTICS Actuator : NORMALLY OPEN Mominal current ** : 102 mA Actuator voltage (Vcc) : 28V (24 to 30V) / POSITIVE COMMON Terminals : solder pins (250°C max. / 30 sec.) MECHANICAL CHARACTERISTICS . Mechanical current ** : solder pins (250°C max. / 30 sec.) MECHANICAL CHARACTERISTICS . Connectors : SMA female per MIL-C 39012 Life : smillion cycles per position Switching Time*** : < 15 m | | | | | | 50 Ohma | | | | |
| <section-header> ELECTRICAL CHARACTERISTICS Actuator</section-header> | | | | | | | nination / 3 | W total now | ər | |
| Actuator :: NORMALLY OPEN Mominal current ** :: 102 mA Actuator voltage (Vcc) :: 28V (24 to 30V) / POSITIVE COMMON Terminals :: solder pins (250°C max. / 30 sec.) MECHANICAL CHARACTERISTICS Connectors :: SMA female per MIL-C 39012 Life :: 3 million cycles per position Switching Time*** :: < 15 ms | | | . I OWER A | 125 0 | | i w per teri | | | 51 | |
| Actuator :: NORMALLY OPEN Mominal current ** :: 102 mA Actuator voltage (Vcc) :: 28V (24 to 30V) / POSITIVE COMMON Terminals :: solder pins (250°C max. / 30 sec.) MECHANICAL CHARACTERISTICS Connectors :: SMA female per MIL-C 39012 Life :: 3 million cycles per position Switching Time*** :: < 15 ms | | | | | | | | | | |
| Nominal current ** 102 mA Actuator voltage (Vcc) 28V (24 to 30V) / POSITIVE COMMON Terminals solder pins (250°C max. / 30 sec.) MECHANICAL CHARACTERISTICS Connectors : SMA female per MIL-C 39012 Life : 3 million cycles per position Switching Time*** : < 15 ms | ELEC | TRICAL CHA | RACTERIST | TICS | | | | | | |
| Nominal current ** 102 mA Actuator voltage (Vcc) 28V (24 to 30V) / POSITIVE COMMON Terminals solder pins (250°C max. / 30 sec.) MECHANICAL CHARACTERISTICS Connectors : SMA female per MIL-C 39012 Life : 3 million cycles per position Switching Time*** : < 15 ms | | | | | | | | | | |
| Actuator voltage (Vcc) :: 28V (24 to 30V) / POSITIVE COMMON Terminals :: solder pins (250°C max. / 30 sec.) MECHANICAL CHARACTERISTICS Connectors :: SMA female per MIL-C 39012 Life :: 3 million cycles per position Switching Time*** :: <15 ms | | Actuator | | | : | NORMALLY | OPEN | | | |
| Terminals : solder pins (250°C max. / 30 sec.) MECHANICAL CHARACTERISTICS Connectors : SMA female per MIL-C 39012 Life : 3 million cycles per position Switching Time*** : < 15 ms | | Nominal curr | rent ** | | : | 102 mA | | | | |
| MECHANICAL CHARACTERISTICS Connectors : SMA female per MIL-C 39012 Life : 3 million cycles per position Switching Time*** : < 15 ms | | | age (Vcc) | | | - | - | | N | |
| Connectors : SMA female per MIL-C 39012 Life : 3 million cycles per position Switching Time**** : < 15 ms Construction : Splashproof Weight : < 250 g ENVIRONMENTAL CHARACTERISTICS Operating temperature range : -40°C to +85°C Storage temperature range : -55°C to +85°C Storage temperature range : -55°C to +85°C (* Average power at 25°C per RF Path) (* At 25° C ±10%) | | Terminals | | | : | solder pins | (250°C max. | / 30 sec.) | | |
| Operating temperature range : -40°C to +85°C Storage temperature range : -55°C to +85°C (* Average power at 25°C per RF Path) (** At 25° C ±10%) | | Life Switching Tir Construction | | | : | 3 million cy < 15 ms | cles per pos | | | |
| Storage temperature range : -55°C to +85°C (* Average power at 25°C per RF Path) (** At 25° C ±10%) | | | | | | | f | | | |
| Storage temperature range : -55°C to +85°C (* Average power at 25°C per RF Path) (** At 25° C ±10%) | <u>ENVI</u> | RONMENTAL | _ CHARACTE | ERISTICS | | | f | | | |
| (* Average power at 25°C per RF Path) (** At 25° C ±10%) | <u>ENVI</u> | | | | : | < 250 g | | | | |
| (** At 25° C ±10%) | <u>ENVI</u> | Operating te | mperature ra | inge | : | < 250 g -40°C to +85 | 5°C | | | |
| (** At 25° C ±10%) | <u>ENVI</u> | Operating te | mperature ra | inge | : | < 250 g -40°C to +85 | 5°C | | ROHS | |
| | | Operating te Storage tem | mperature ra perature ranç | inge ge | : | < 250 g -40°C to +85 | 5°C | | ROHS. | |
| | (* | Operating te Storage tem Average pow | mperature rang perature rang ver at 25°C p | inge ge | : | < 250 g -40°C to +85 | 5°C | (| RoHS Color | |
| | (* (** | Operating te Storage tem Average pow At 25° C ±10 | mperature rang perature rang ver at 25°C p)%) | inge ge | : | < 250 g -40°C to +85 | 5°C | | RoHS COMPLIAN | |
| | (* (** | Operating te Storage tem Average pow At 25° C ±10 | mperature rang perature rang ver at 25°C p)%) | inge ge | : | < 250 g -40°C to +85 | 5°C | | ROHS COMPLIAN | |
| | (* (** | Operating te Storage tem Average pow At 25° C ±10 | mperature rang perature rang ver at 25°C p)%) | inge ge | : | < 250 g -40°C to +85 | 5°C | | ROHS COMPLIAN | |
| | (* (** | Operating te Storage tem Average pow At 25° C ±10 | mperature rang perature rang ver at 25°C p)%) | inge ge | : | < 250 g -40°C to +85 | 5°C | | ROHS COMPLIAN | |

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