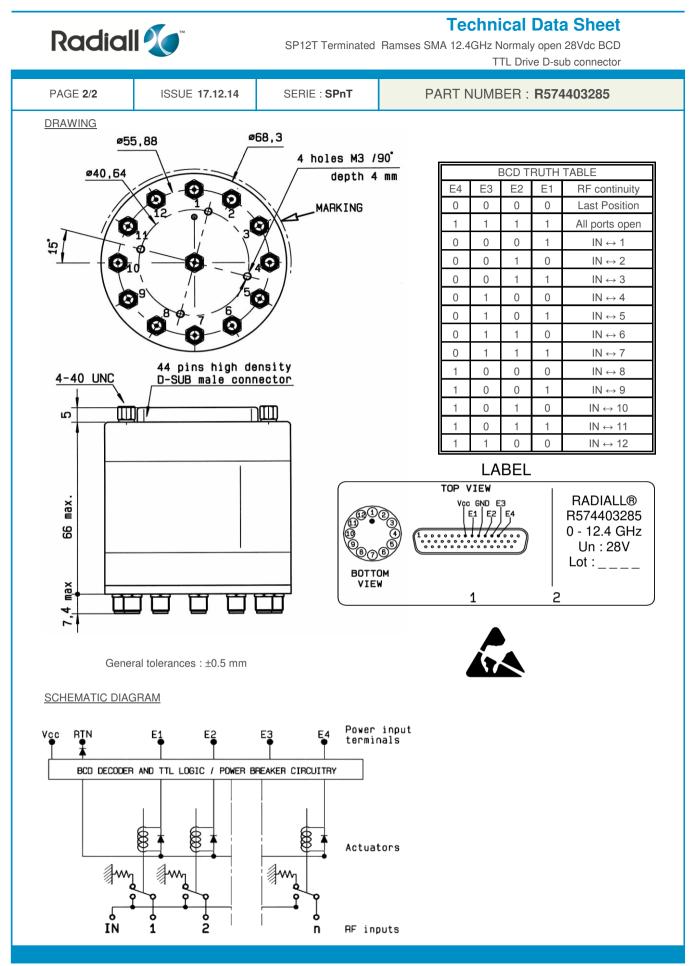


Technical Data Sheet

SP12T Terminated Ramses SMA 12.4GHz Normaly open 28Vdc BCD TTL Drive D-sub connector

| <text><text></text></text> | PAGE 1/2 | ISSUE 17.12.14 | SERIE | E : SPnT | PART NUMBER : R574403285 | |
|---|-----------------------------|---|--------|---|---------------------------------|--|
| <text><text></text></text> | RF CHARACTERIS | TICS | | | | |
| <text> Frequency range 2.9.12.4 GHz Impedance 50 Ohms Impedance 50 Ohms Impedance 1.20 1.40 1.60 Impedance 1.20 1.40 1.60 Impedance 1.20 1.40 1.60 Impedines 0.02 dB 0.60 dB 0.60 dB Impedance 0.00 dB 0.60 dB 0.60 dB Impedance NUM (MPEDANCE 120 MB 0.60 dB Impedance Context corrent ** 120 MB 0.00 dB 0.60 dB Impedance Impedance Sto 55 V / 600,Ad 5.5 V 0.60 dB 0.60 dB Impedance Impedance Sto 55</text> | | | | | | |
| Impedance: 50 OhmsImpedance <td>Number of wa</td> <td>ays</td> <td></td> <td>: 12</td> <td></td> | Number of wa | ays | | : 12 | | |
| Image of the second | | | | | 2 | |
| Wind max 1.20 1.40 1.60 Insertion loss max 0.20 dB 0.40 dB 0.60 dB Isolation min 80 dB 70 dB 60 dB Verage power (*) 240 W 150 W 120 W TERMINATION IMPEDANCE :::::::::::::::::::::::::::::::::::: | Impedance | | | : 50 Ohms | | |
| Wind max 1.20 1.40 1.60 Insertion loss max 0.20 dB 0.40 dB 0.60 dB Isolation min 80 dB 70 dB 60 dB Verage power (*) 240 W 150 W 120 W TERMINATION IMPEDANCE :::::::::::::::::::::::::::::::::::: | | | | | 1 | |
| Imsertion loss max 0.20 dB 0.40 dB 0.60 dB Isolation min 80 dB 70 dB 60 dB Average power (') 240 W 150 W 120 W TERMINATION IMPEDANCE :::::::::::::::::::::::::::::::::::: | | , · · · · · · · · · · · · · · · · · · · | | | | |
| Image: system of the system | | | | | | |
| Image power (1) 240 W 150 W 120 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) :: 28V (24 to 30V) Terminals :: 3.5 to 5.5 V / 800µA at 5.5 V BCD inputs (E) - High level :: 3.5 to 5.5 V / 800µA at 5.5 V - Low level :: 0 to 1.5 V / 20µA at 0.8 V MECHANICAL CHARACTERISTICS Connectors :: SMA female per MIL-C 39012 Life :: 2.000.000 cycles per position Switching Time*** : < 15 ms | | | 1 | | | |
| 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) Terminals :: 44 pins D-SUB male connector BCD inputs (E) : High level :: 3.5 to 5.5 V / 800µA at 5.5 V Low level :: 0 to 1.5 V / 20µA at 0.8 V MECHANICAL CHARACTERISTICS :: 2.000.000 cycles per position Switching Time*** :: < 15 ms | | | | | | |
| 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) Terminals :: 44 pins D-SUB male connector BCD inputs (c) · High level :: 5.5 to / 800µ at 5.5 V · Low level :: 0 to 1.5 V / 20µA at 0.8 V MECHANICAL CHARACTERISTICS Methods in the intervention of the i | /verage pow | | 100 11 | 120 11 | 1 | |
| ELECTRICAL CHARACTERISTICS Actuator : NORMALLY OPEN Nominal current ** : 102 mA Actuator voltage (Voc) : 28V (24 to 30V) Terminals : 44 pins D-SUB male connector BCD inputs (E) · High level : 3.5 to 5.5 V / 800µA at 5.5 V - Low level : 0 to 1.5 V / 20µA at 0.8 V MECHANICAL CHARACTERISTICS Connectors : SMA female per MIL-C 39012 Life : 2.000.000 cycles per position Switching Time*** : < 15 ms | TERMINATIO | ON IMPEDANCE | | : 50 Ohms | | |
| Actuator : NORMALLY OPEN Mominal current ** : 102 mA Actuator voltage (Vcc) : 28V (24 to 30V) Terminals : 24V pins D-SUB male connector BCD inputs (E) . High level : 3.5 to 5.5 V / 800µA at 5.5 V Connectors : Cow level : 0 to 1.5 V / 20µA at 0.8 V MECHANICAL CHARACTERISTICS Connectors : SMA female per MIL-C 39012 Life : 2.000.000 cycles per position Switching Time*** : < 15 ms | TERM. AVG. | POWER AT 25° C | | : 1 W per termination / 3 W total power | | |
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| Nominal current ** ± 102 mA Actuator voltage (Vcc) ± 28V (24 to 30V) Terminals ± 44 pins D-SUB male connector BCD inputs (E) - High level ± 3.5 to 5.5 V / 800µA at 5.5 V - Low level ± 0 to 1.5 V / 20µA at 0.8 V MECHANICAL CHARACTERISTICS Connectors : Life : Switching Time*** : Construction : Weight : ENVIRONMENTAL CHARACTERISTICS ENVIRONMENTAL CHARACTERISTICS * Average power at 25°C per RF Path) ** Average power at 25°C per RF Path) ** At 25° C ±10%) | Actuator | | | | OPEN | |
| Terminals : 44 pins D-SUB male connector BCD inputs (E) - High level : 3.5 to 5.5 V / 800µA at 5.5 V - Low level : 0 to 1.5 V / 20µA at 0.8 V WECHANICAL CHARACTERISTICS Connectors : SMA female per MIL-C 39012 Life : 2.000.000 cycles per position Switching Time*** : < 15 ms | | | | | | |
| BCD inputs (E) - High level : 3.5 to 5.5 V / 800µA at 5.5 V - Low level 0 to 1.5 V / 20µA at 0.8 V MECHANICAL CHARACTERISTICS Connectors : SMA female per MIL-C 39012 Life : 2.000.000 cycles per position Switching Time*** : < 15 ms | Actuator volta | age (Vcc) | | : 28V (24 to 30V) | | |
| Low level : 0 to 1.5 V / 20µA at 0.8 V MECHANICAL CHARACTERISTICS Connectors : SMA female per MIL-C 39012 Life : 2.000.000 cycles per position Switching Time*** : < 15 ms Construction : Splashproof Weight : < 400 g ENVIRONMENTAL CHARACTERISTICS Operating temperature range : .40°C to .485°C Storage temperature range : .55°C to .485°C Storage temperature range : .55°C to .485°C * Average power at 25°C per RF Path) * At 25° C ±10%) | Terminals | | | - | | |
| MECHANICAL CHARACTERISTICS Connectors SMA female per MIL-C 39012 Life 2.000.000 cycles per position Switching Time*** < < 15 ms | BCD inputs (| | | | | |
| Connectors : SMA female per MIL-C 39012 Life : 2.000.000 cycles per position Switching Time**** : < 15 ms Construction : Splashproof Weight : < 400 g ENVIRONMENTAL CHARACTERISTICS Operating temperature range : -40°C to +85°C Storage temperature range : -55°C to +85°C (* Average power at 25°C per RF Path) (* Average power at 25°C per RF Path) | | - Low level | | : 0 to 1.5 V / 2 | 20μA at 0.8 V | |
| Connectors : SMA female per MIL-C 39012 Life : 2.000.000 cycles per position Switching Time**** : < 15 ms Construction : Splashproof Weight : < 400 g ENVIRONMENTAL CHARACTERISTICS Operating temperature range : -40°C to +85°C Storage temperature range : -55°C to +85°C (* Average power at 25°C per RF Path) (* Average power at 25°C per RF Path) | | | | | | |
| Life : 2.000.000 cycles per position Switching Time*** : < 15 ms | MECHANICAL CHA | ARACTERISTICS | | | | |
| Life : 2.000.000 cycles per position Switching Time*** : < 15 ms | Connectors | | | : SMA female per MIL-C 39012 | | |
| Construction : Splashproof Weight : < 400 g | | | | | | |
| Weight : < 400 g ENVIRONMENTAL CHARACTERISTICS 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%) | Switching Time*** | | | : < 15 ms | | |
| ENVIRONMENTAL CHARACTERISTICS 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%) | | | | • • | f | |
| 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%) | Weight | | | ∶ < 400 g | | |
| 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%) | | | | | | |
| Storage temperature range : -55°C to +85°C | ENVIRONMENTAL | CHARACTERISTICS | | | | |
| Storage temperature range : -55°C to +85°C | Operating temperature range | | | : -40°C to +8 | 5°C | |
| Average power at 25°C per RF Path) (** At 25° C ±10%) | Storage temperature range | | | : -55°C to +8 | 5°C OH | |
| (** At 25° C ±10%) | | | | | | |
| (** At 25° C ±10%) | (* <u>Avorada pow</u> | er at 25°C par DE Dath | | | | |
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