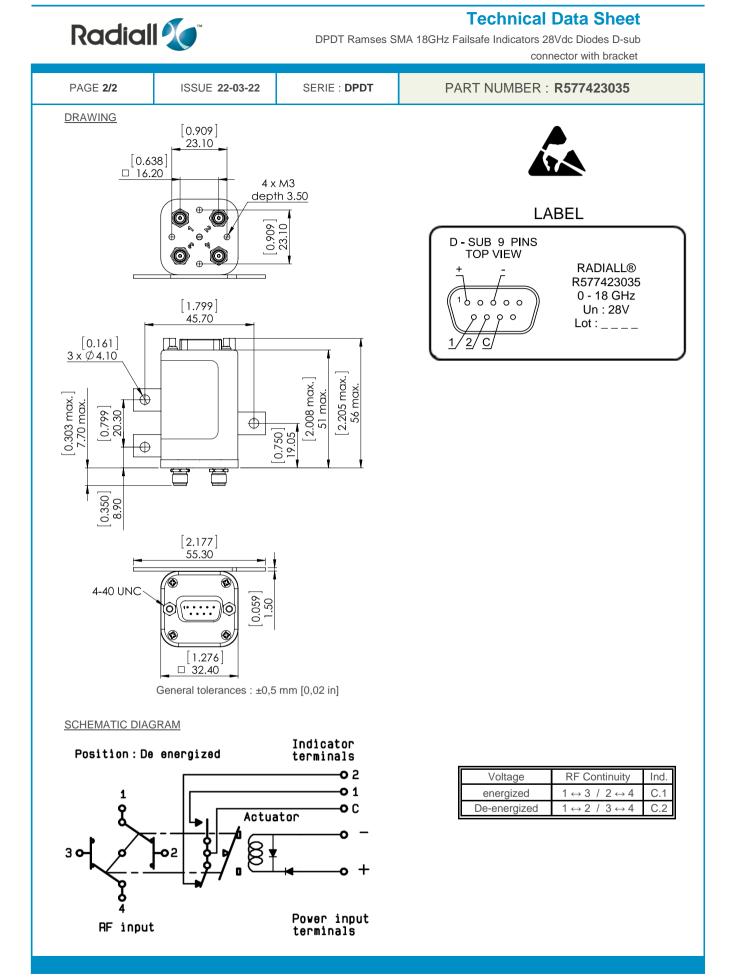


Technical Data Sheet

DPDT Ramses SMA 18GHz Failsafe Indicators 28Vdc Diodes D-sub connector with bracket

| | PAGE 1/2 | ISSUE 22-03-22 | SERIE | E : DPDT | PART NUMBER : R577423035 | | |
|--|----------------------|-------------------------|-------|---------------|---------------------------------|--|--|
| <text></text> | RE CHARACTERI | STICS | | | | | |
| Impedance x 50 Ohms <u>Finquency (GHz) 1.20 1.30 1.20 1.30 1.40 1.50 <u>bertion loss max 0.20 dB 0.30 dB 0.40 dB 0.50 dB </u></u> | | 01100 | | | | | |
| Imperior (GHz) DC - 3 3 - 8 8 - 12.4 12.4 - 18 SWR max 0.20 dB 0.30 dB 0.50 dB 0.50 dB bereion loss max 0.20 dB 0.30 dB 0.50 dB 0.50 dB barage power (') 240 w 150 w 100 w constant 80 dB 70 dB 65 dB 0.60 dB barage power (') 240 w 150 w 100 w constant 240 w 150 w 100 w constant 240 w 150 w 100 w constant Constant 2 M (24 to 307) 2 M (24 to 307) constant raing 2 M (24 to 307) 2 M (24 to 307) 2 M (24 to 307) constant raing 2 M (24 to 307) 2 M (24 to 307) 2 M (24 to 307) constant raing 2 M (24 to 307) 2 M (30 V 100 mA 2 M (24 to 307) constant raing 2 M (24 to 307) 2 M (30 V 100 mA 2 M (30 V 100 mA) constant raing 2 M (30 V 100 mA) 2 M (30 V 100 mA) 2 M (30 V 100 mA) constant raing 2 M (30 V 100 mA) < | Frequency r | ange | | : 0 - 18 GHz | | | |
| VSWR max 1.20 1.30 1.40 1.50 Insertion loss max 0.20 dB 0.30 dB 0.40 dB 0.50 dB Isolation min 80 dB 70 dB 65 dB 60 dB Average power (*) 240 W 150 W 120 W 100 W | Impedance | | | : 50 Ohms | | | |
| VSWR max 1.20 1.30 1.40 1.50 Insertion loss max 0.20 dB 0.30 dB 0.40 dB 0.50 dB Isolation min 80 dB 70 dB 65 dB 60 dB Average power (*) 240 W 150 W 120 W 100 W | | | | | | | |
| Insertion loss max 0.20 dB 0.30 dB 0.40 dB 0.50 dB Isolation min 80 dB 70 dB 65 dB 60 dB Average power (') 240 W 150 W 120 W 100 W ELECTRICAL CHARACTERISTICS Actuator : FAILSAFE Mominal current ** : 140 mA Actuator voltage (Vcc) : 28V (24 to 30V) Terminals : 9 pins D-SUB male connector Indicator rating : 1 W / 30 V / 100 mA WECHANICAL CHARACTERISTICS Connectors : SMA female per MIL-C 39012 Life : 2.5 million cycles Switching Time*** : 4 15 mS Consectors : Splashproof Weight : 40°C to +85°C ENVIRONMENTAL CHARACTERISTICS Miniter temperature range : -55°C to +85°C ** Average power at 25°C per RF Path) ** At 25°C ± 10%) | | | - | | | | |
| Image State Bod B TO dB 65 dB 60 dB Average power (*) 240 W 150 W 120 W 100 W ELECTRICAL CHARACTERISTICS Actuator : FAILSAFE Nominal current ** : 140 mA Actuator voltage (Voc) : 28V (24 to 30V) Terminals : 28V (24 to 30V) MECHANICAL CHARACTERISTICS : 2.5 million cycles Switching Time*** : < 15 ms | | | - | | | | |
| Liverage power (') 240 W 150 W 120 W 100 W ELECTRICAL CHARACTERISTICS Actuator : FAILSAFE Nominal current ** : 140 mA Actuator voltage (Vcc) :: 28V (24 to 30V) Terminals :: 9 pins D-SUB male connector Indicator rating : 1 W / 30 V / 100 mA MECHANICAL CHARACTERISTICS Connectors :: SMA female per MIL-C 39012 Life :: 2.5 million cycles Switching Time*** : < 15 ms | | | | | | | |
| ELECTRICAL CHARACTERISTICS Actuator :: FAILSAFE Nominal current ** :: 140 mA Actuator voltage (Vcc) :: 28V (24 to 30V) Terminals :: 9 pins D-SUB male connector Indicator rating :: 1 W / 30 V / 100 mA WECHANICAL CHARACTERISTICS Connectors :: SMA female per MIL-C 39012 Life :: 2.5 million cycles Switching Time*** : < 15 ms | | | | | | | |
| Actuator : FAILSAFE Nominal current ** : 140 mA Actuator voltage (Vcc) : 28V (24 to 30V) Terminals : 9 pins D-SUB male connector Indicator rating : 1 W / 30 V / 100 mA WECHANICAL CHARACTERISTICS WECHANICAL CHARACTERISTICS Connectors : SMA female per MIL-C 39012 Life : 2.5 million cycles Switching Time*** : < 15 ms | Average po | wer() 240 W | 150 W | 120 W | 100 W | | |
| Actuator : FAILSAFE Nominal current ** : 140 mA Actuator voltage (Vcc) : 28V (24 to 30V) Terminals : 9 pins D-SUB male connector Indicator rating : 1 W / 30 V / 100 mA WECHANICAL CHARACTERISTICS WECHANICAL CHARACTERISTICS Connectors : SMA female per MIL-C 39012 Life : 2.5 million cycles Switching Time*** : < 15 ms | | | | | | | |
| Nominal current ** : 140 mA Actuator voltage (Vcc) : 28V (24 to 30V) Terminals : 9 pins D-SUB male connector Indicator rating : 1 W / 30 V / 100 mA WECHANICAL CHARACTERISTICS Connectors Life : 2.5 million cycles Switching Time*** : < 15 ms | ELECTRICAL CH | ARACTERISTICS | | | | | |
| Nominal current ** : 140 mA Actuator voltage (Vcc) : 28V (24 to 30V) Terminals : 9 pins D-SUB male connector Indicator rating : 1 W / 30 V / 100 mA WECHANICAL CHARACTERISTICS Connectors Life : 2.5 million cycles Switching Time*** : < 15 ms | | | | | | | |
| Actuator voltage (Vcc) : 28V (24 to 30V) Terminals : 9 pins D-SUB male connector Indicator rating : 1 W / 30 V / 100 mA MECHANICAL CHARACTERISTICS MECHANICAL CHARACTERISTICS Connectors : SMA female per MIL-C 39012 Life : 2.5 million cycles Switching Time*** : < 15 ms | | | | - | | | |
| Terminals : 9 pins D-SUB male connector Indicator rating : 1 W / 30 V / 100 mA MECHANICAL CHARACTERISTICS Connectors : SMA female per MIL-C 39012 Life : 2.5 million cycles Switching Time*** : < 15 ms | | | | | | | |
| Indicator rating 1 W / 30 V / 100 mA MECHANICAL CHARACTERISTICS Connectors : SMA female per MIL-C 39012 Life : 2.5 million cycles Switching Time*** : < 15 ms | | | | | | | |
| MECHANICAL CHARACTERISTICS Connectors : SMA female per MIL-C 39012 Life : 2.5 million cycles Switching Time*** : < 15 ms | | | | - | | | |
| Connectors : SMA female per MIL-C 39012 Life : 2.5 million cycles Switching Time**** : < 15 ms Construction : Splashproof Weight : < 100 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%) | indicator rai | ing | | . 1 W/ 30 V/ | 100 mA | | |
| Switching Time*** : < 15 ms Construction : Splashproof Weight : < 100 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%) | | | | | | | |
| Weight : < 100 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%) | | | | | | | |
| 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%) | | | | : Splashproof | | | |
| 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 | | | ∶ < 100 g | | | |
| Storage temperature range : -55°C to +85°C (* Average power at 25°C per RF Path) (** At 25° C ±10%) | ENVIRONMENTA | L CHARACTERISTICS | | | | | |
| Storage temperature range : -55°C to +85°C (* Average power at 25°C per RF Path) (** At 25° C ±10%) | Operating to | emperature range | | -40°C to +8 | °C | | |
| (* Average power at 25°C per RF Path) (** At 25° C ±10%) | | | | | 55°C to +85°C | | |
| (** At 25° C ±10%) | | | | | ROHS | | |
| (** At 25° C ±10%) | (* <u>Avorago po</u> | war at 25°C par DE Dath | | | $(\cdot (\frown) \cdot)$ | | |
| | | | | | | | |
| | (| | | | MPLIA | | |
| | | | | | | | |
| | | | | | | | |
| | | | | | | | |
| | | | | | | | |
| | | | | | | | |
| | | | | | | | |

This document contains proprietary information and such information shall not be disclosed to any third party for any purpose whatsoever or used for manufacturing purposes without prior written agreement from Radiall. The data defined in this document are given as an indication, in the effort to improve our products; we reserve the right to make any changes judged necessary.



This document contains proprietary information and such information shall not be disclosed to any third party for any purpose whatsoever or used for manufacturing purposes without prior written agreement from Radiall. The data defined in this document are given as an indication, in the effort to improve our products; we reserve the right to make any changes judged necessary.