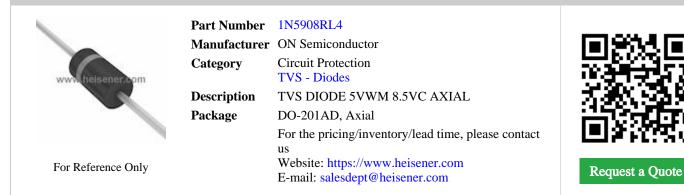


# 1N5908RL4

### **1N5908RL4 Information**



## **Certified Quality**

Heisener's commitment to quality has shaped our processes for sourcing, testing, shipping, and every step in between. This foundation underlies each component we sell.



### **1N5908RL4 Specifications**

| Manufacturer Part NumberIN5908RL4ManufacturerON SemiconductorCategoryCircuit ProtectionTVS - DiodesTVS - DiodesPackageDO-201AD, AxialSeriesMosorb?TypeZenerUnidirectional Channels1Bidirectional Channels-Voltag - Reverse Standoff (Typ)SVVoltag - Reverse Standoff (Typ)SVVoltag - Clamping (Max) @ IppSVCurrent - Peak Pulse (10/1000µs)-Power - Peak PulseIs00W (1.5kW)Power Line ProtectionNoApplicationsGeneral PurposeCapacitance @ Frequency-Operating Temperature-Mouning TypeDrough HolePackage / CaseNo | -                                |                    |
|--|----------------------------------|--------------------|
| CategoryCircuit ProtectionTVS - DiodesPackageDO-201AD, AxialSeriesMosorb?TypeZenerUnidirectional Channels1Bidirectional Channels-Voltage - Reverse Standoff (Typ)SVVoltage - Breakdown (Min)6VVoltage - Clamping (Max) @ Ipp8.5VCurrent - Peak Pulse (10/100µs)-Power Line ProtectionNoApplicationsGeneral PurposeApplicationsGeneral PurposeApplications-Operating Tengenzture-Operating Tengenzture-Mounting TypeStor (TJS°C (TJ)  | Manufacturer Part Number         | 1N5908RL4          |
| TVS - DiodesPackageDO-201AD, AxialSeriesMosorb?TypeZenerUnidirectional Channels1Bidirectional Channels-Voltage - Reverse Standoff (Typ)SVVoltage - Breakdown (Min)6VVoltage - Clamping (Max) @ Ipp8.5VCurrent - Peak Pulse (10/1000µs)-Power - Peak Pulse1500W (1.5kW)Power Line ProtectionNoApplicationsGeneral PurposeCapacitance @ Frequency-Operating Temperature-65°C ~ 175°C (TJ)Mounting TypeThrough Hole   | Manufacturer                     | ON Semiconductor   |
| PackageDO-201AD, AxialSeriesMosorb?TypeZenerUndirectional Channels1Bdirectional Channels-Voltage - Reverse Standoff (Typ)SVVoltage - Reverse Standoff (Typ)SVVoltage - Clamping (Max) @ Ipp8.5VCurrent - Peak Pulse (10/100µs)-Power - Peak PulseS100W (1.5kW)Power Line ProtectionNoApplicationsGeneral PurposeCapacitance @ Frequency-Operating Temperature65° C ~ 175°C (TJ)Mounting TypeThough Hole  | Category                         | Circuit Protection |
| SeriesMosorb?TypeZenerUndirectional Channels1Bidirectional Channels-Voltage - Reverse Standoff (Typ)SVVoltage - Breakdown (Min)6VVoltage - Clamping (Max) @ Ipp8.5VCurrent - Peak Pulse (10/100µs)-Power - Peak Pulse1500W (1.5kW)Power Line ProtectionNoApplicationsGeneral PurposeCapacitance @ Frequency-Operating Temperature-65°C ~ 175°C (TJ)Mounting TypeThrough Hole   |                                  | TVS - Diodes       |
| TypeZenerTypeZenerUndirectional Channels1Bidirectional Channels-Voltage - Reverse Standoff (Typ)5VVoltage - Breakdown (Min)6VVoltage - Clamping (Max) @ Ipp8.5VCurrent - Peak Pulse (10/1000µs)-Power Line ProtectionNoApplicationsGeneral PurposeApplications-Operating Temperature-Mounting TypeThrough Hole   | Package                          | DO-201AD, Axial    |
| A1Unidirectional Channels-Bidirectional Channels-Voltage - Reverse Standoff (Typ)5VVoltage - Breakdown (Min)6VVoltage - Clamping (Max) @ Ipp8.5VCurrent - Peak Pulse (10/1000µs)-Power - Peak Pulse (10/1000µs)1500W (1.5kW)Power Line ProtectionNoApplicationsGeneral PurposeCapacitance @ Frequency-Operating Temperature-65°C ~ 175°C (TJ)Mounting TypeThrough Hole   | Series                           | Mosorb?            |
| Bidirectional Channels-Bidirectional Channels-Voltage - Reverse Standoff (Typ)5VVoltage - Breakdown (Min)6VVoltage - Clamping (Max) @ Ipp8.5VCurrent - Peak Pulse (10/1000µs)-Power - Peak Pulse1500W (1.5kW)Power Line ProtectionNoApplicationsGeneral PurposeCapacitance @ Frequency-Operating Temperature65°C ~ 175°C (TJ)Mounting TypeThrough Hole   | Туре                             | Zener              |
| Voltage - Reverse Standoff (Typ)5VVoltage - Breakdown (Min)6VVoltage - Clamping (Max) @ Ipp8.5VCurrent - Peak Pulse (10/1000µs)-Power - Peak Pulse (10/100µs)1500W (1.5kW)Power Line ProtectionNoApplicationsGeneral PurposeCapacitance @ Frequency-Operating Temperature-5°C ~ 175°C (TJ)Mounting TypeThrough Hole  | Unidirectional Channels          | 1                  |
| Voltage - Breakdown (Min) 6V   Voltage - Clamping (Max) @ Ipp 8.5V   Current - Peak Pulse (10/1000µs) -   Power - Peak Pulse 1500W (1.5kW)   Power - Peak Pulse No   Power Line Protection General Purpose   Applications General Purpose   Operating Temperature -5°C ~ 175°C (TJ)   Mounting Type Through Hole   | Bidirectional Channels           | -                  |
| Voltage - Clamping (Max) @ Ipp 8.5V   Current - Peak Pulse (10/1000µs) -   Power - Peak Pulse 1500W (1.5kW)   Power Line Protection No   Applications General Purpose   Capacitance @ Frequency -   Operating Temperature -50°C (TJ)   Mounting Type Through Hole  | Voltage - Reverse Standoff (Typ) | 5V                 |
| Current - Peak Pulse (10/1000µs)-Power - Peak Pulse1500W (1.5kW)Power Line ProtectionNoApplicationsGeneral PurposeCapacitance @ Frequency-Operating Temperature-65°C ~ 175°C (TJ)Mounting TypeThrough Hole   | Voltage - Breakdown (Min)        | 6V                 |
| Power - Peak Pulse1500W (1.5kW)Power Line ProtectionNoApplicationsGeneral PurposeCapacitance @ Frequency-Operating Temperature-65°C ~ 175°C (TJ)Mounting TypeThrough Hole  | Voltage - Clamping (Max) @ Ipp   | 8.5V               |
| Power Line ProtectionNoApplicationsGeneral PurposeCapacitance @ Frequency-Operating Temperature-65°C ~ 175°C (TJ)Mounting TypeThrough Hole   | Current - Peak Pulse (10/1000µs) | -                  |
| ApplicationsGeneral PurposeCapacitance @ Frequency-Operating Temperature-65°C ~ 175°C (TJ)Mounting TypeThrough Hole  | Power - Peak Pulse               | 1500W (1.5kW)      |
| Capacitance @ Frequency-Operating Temperature-65°C ~ 175°C (TJ)Mounting TypeThrough Hole   | Power Line Protection            | No                 |
| Operating Temperature-65°C ~ 175°C (TJ)Mounting TypeThrough Hole   | Applications                     | General Purpose    |
| Mounting Type Through Hole   | Capacitance @ Frequency          | -                  |
|  | Operating Temperature            | -65°C ~ 175°C (TJ) |
| Package / Case DO-201AD, Axial   | Mounting Type                    | Through Hole       |
|  | Package / Case                   | DO-201AD, Axial    |
| Supplier Device Package Axial  | Supplier Device Package          | Axial              |
| Report errors?   |                                  | Report errors?     |

#### **1N5908RL4** Guarantees



Quality Guarantees

We provide 90 days warranty. \* If the items you received were not in perfect quality, we would be responsible for your refund or replacement, but the items must be returned in their original condition.

# SERVICE SUARANTEE

#### **Service Guarantees**

We guarantee 100% customer satisfaction. Our experienced sales team and tech support team back our services to satisfy all our customers.



If you have any question about 1N5908RL4, please do not hesitate to contact us! Website: https://www.heisener.com E-mail: salesdept@heisener.com