

BY229B-800-E3/45

BY229B-800-E3/45 Information

| www.hensener.com | Part Number Manufacturer Category Description Package | Discrete Semiconductor Products Diodes - Rectifiers - Single DIODE GEN PURP 800V 8A TO263AB TO-263-3, D2Pak (2 Leads + Tab), TO-263AB For the pricing/inventory/lead time, please contact | |
|--------------------|---|---|-----------------|
| For Reference Only | | us Website: https://www.heisener.com E-mail: salesdept@heisener.com | Request a Quote |

Certified Quality

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BY229B-800-E3/45 Specifications

| ManufacturerVishay Semiconductor Diodes DivisionCategoryDiscrete Semiconductor ProductsDiodes - Rectifiers - SinglePackageTO-263-3, D2Pak (2 Leads + Tab), TO-263ABSeries-Diode TypeStandardVoltage - DC Reverse (Vr) (Max)800VCurrent - Average Rectified (Io)8AVoltage - Forward (Vf) (Max) @ If1.85V @ 20ASpeedFast Recovery =< 500ns, > 200mA (Io)Reverse Recovery Time (trr)145nsCurrent - Reverse Leakage @ VrI0µA @ 800VCapacitance @ Vr, F-Mounting TypeSurface MountPackage / CaseTO-263-3, D2Pak (2 Leads + Tab), TO-263ABSupplier Device PackageTO-263-3, D2Pak (2 Leads + Tab), TO-263ABOperating Temperature - Junction 40° C ~ 150°C | | |
|---|-----------------------------------|---|
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| PackageTO-263-3, D2Pak (2 Leads + Tab), TO-263ABSeries-Diode TypeStandardVoltage - DC Reverse (Vr) (Max)800VCurrent - Average Rectified (Io)8AVoltage - Forward (Vf) (Max) @ If1.85V @ 20ASpeedFast Recovery =< 500ns, > 200mA (Io)Reverse Recovery Time (trr)145nsCurrent - Reverse Leakage @ Vr10 μ A @ 800VCapacitance @ Vr, F-Mounting TypeSurface MountPackage / CaseTO-263-3, D2Pak (2 Leads + Tab), TO-263ABSupplier Device PackageTO-263ABOperating Temperature - Junction-40°C ~ 150°C | Category | Discrete Semiconductor Products |
| Series-Diode TypeStandardVoltage - DC Reverse (Vr) (Max)800VCurrent - Average Rectified (Io)8AVoltage - Forward (Vf) (Max) @ If1.85V @ 20ASpeedFast Recovery =< 500ns, > 200mA (Io)Reverse Recovery Time (trr)145nsCurrent - Reverse Leakage @ Vr10 μ A @ 800VCapacitance @ Vr, F-Mounting TypeSurface MountPackage / CaseTO-263-3, D2Pak (2 Leads + Tab), TO-263ABSupplier Device PackageTO-263ABOperating Temperature - Junction-40°C ~ 150°C | | Diodes - Rectifiers - Single |
| Diode TypeStandardDiode TypeStandardVoltage - DC Reverse (Vr) (Max)800VCurrent - Average Rectified (Io)8AVoltage - Forward (Vf) (Max) @ If1.85V @ 20ASpeedFast Recovery =< 500ns, > 200mA (Io)Reverse Recovery Time (trr)145nsCurrent - Reverse Leakage @ Vr10µA @ 800VCapacitance @ Vr, F-Mounting TypeSurface MountPackage / CaseTO-263-3, D2Pak (2 Leads + Tab), TO-263ABSupplier Device PackageTO-263ABOperating Temperature - Junction-40°C ~ 150°C | Package | TO-263-3, D2Pak (2 Leads + Tab), TO-263AB |
| Voltage - DC Reverse (Vr) (Max)800VCurrent - Average Rectified (Io)8AVoltage - Forward (Vf) (Max) @ If1.85V @ 20ASpeedFast Recovery =< 500ns, > 200mA (Io)Reverse Recovery Time (trr)145nsCurrent - Reverse Leakage @ Vr10µA @ 800VCapacitance @ Vr, F-Mounting TypeSurface MountPackage / CaseTO-263-3, D2Pak (2 Leads + Tab), TO-263ABSupplier Device PackageTO-263ABOperating Temperature - Junction-40°C ~ 150°C | Series | - |
| Current - Average Rectified (Io)8AVoltage - Forward (Vf) (Max) @ If1.85V @ 20ASpeedFast Recovery =< 500ns, > 200mA (Io)Reverse Recovery Time (trr)145nsCurrent - Reverse Leakage @ Vr10µA @ 800VCapacitance @ Vr, F-Mounting TypeSurface MountPackage / CaseTO-263-3, D2Pak (2 Leads + Tab), TO-263ABSupplier Device PackageTO-263ABOperating Temperature - Junction-40°C ~ 150°C | Diode Type | Standard |
| Voltage - Forward (Vf) (Max) @ If $1.85V @ 20A$ SpeedFast Recovery =< $500ns$, > $200mA$ (Io)Reverse Recovery Time (trr) $145ns$ Current - Reverse Leakage @ Vr $10\muA @ 800V$ Capacitance @ Vr, F-Mounting TypeSurface MountPackage / CaseTO-263-3, D2Pak (2 Leads + Tab), TO-263ABSupplier Device PackageTO-263ABOperating Temperature - Junction-40°C ~ $150°C$ | Voltage - DC Reverse (Vr) (Max) | 800V |
| SpeedFast Recovery =< 500ns, > 200mA (Io)Reverse Recovery Time (trr)145nsCurrent - Reverse Leakage @ Vr10μA @ 800VCapacitance @ Vr, F-Mounting TypeSurface MountPackage / CaseTO-263-3, D2Pak (2 Leads + Tab), TO-263ABSupplier Device PackageTO-263ABOperating Temperature - Junction-40°C ~ 150°C | Current - Average Rectified (Io) | 8A |
| Reverse Recovery Time (trr)145nsCurrent - Reverse Leakage @ Vr10μA @ 800VCapacitance @ Vr, F-Mounting TypeSurface MountPackage / CaseTO-263-3, D2Pak (2 Leads + Tab), TO-263ABSupplier Device PackageTO-263ABOperating Temperature - Junction-40°C ~ 150°C | Voltage - Forward (Vf) (Max) @ If | 1.85V @ 20A |
| Current - Reverse Leakage @ Vr10μA @ 800VCapacitance @ Vr, F-Mounting TypeSurface MountPackage / CaseTO-263-3, D2Pak (2 Leads + Tab), TO-263ABSupplier Device PackageTO-263ABOperating Temperature - Junction-40°C ~ 150°C | Speed | Fast Recovery =< 500ns, > 200mA (Io) |
| Capacitance @ Vr, F-Mounting TypeSurface MountPackage / CaseTO-263-3, D2Pak (2 Leads + Tab), TO-263ABSupplier Device PackageTO-263ABOperating Temperature - Junction-40°C ~ 150°C | Reverse Recovery Time (trr) | 145ns |
| Mounting TypeSurface MountPackage / CaseTO-263-3, D2Pak (2 Leads + Tab), TO-263ABSupplier Device PackageTO-263ABOperating Temperature - Junction-40°C ~ 150°C | Current - Reverse Leakage @ Vr | 10µA @ 800V |
| Package / CaseTO-263-3, D2Pak (2 Leads + Tab), TO-263ABSupplier Device PackageTO-263ABOperating Temperature - Junction-40°C ~ 150°C | Capacitance @ Vr, F | - |
| Supplier Device PackageTO-263ABOperating Temperature - Junction-40°C ~ 150°C | Mounting Type | Surface Mount |
| Operating Temperature - Junction $-40^{\circ}\text{C} \sim 150^{\circ}\text{C}$ | Package / Case | TO-263-3, D2Pak (2 Leads + Tab), TO-263AB |
| | Supplier Device Package | TO-263AB |
| Report errors? | Operating Temperature - Junction | $-40^{\circ}C \sim 150^{\circ}C$ |
| | | Report errors? |

BY229B-800-E3/45 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 Guarantees

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

BY229B-800-E3/45 Payment Methods



BY229B-800-E3/45 Shipping Methods



If you have any question about BY229B-800-E3/45, please do not hesitate to contact us! Website: https://www.heisener.com E-mail: salesdept@heisener.com