

R7003603XXUA

Quote

R7003603XXUA Information

| Heisener.com | Part Number | R7003603XXUA | |
|--------------------|--------------|---|---------------|
| | Manufacturer | Powerex Inc. | n in s |
| | Category | Discrete Semiconductor Products Diodes - Rectifiers - Single | - X -A |
| | Description | DIODE GEN PURP 3.6KV 300A DO200 | |
| | Package | DO-200AA, A-PUK | |
| | | For the pricing/inventory/lead time, please contact | |
| For Reference Only | | us Website: https://www.heisener.com | |
| | | E-mail: salesdept@heisener.com | Reques |

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.



R7003603XXUA Specifications

| ManufacturerPowerex Inc.CategoryDiscrete Semiconductor ProductsDiodes - Rectifiers - SinglePackageDO-200AA, A-PUKSeries-Diode TypeStandardVoltage - DC Reverse (Vr) (Max)3600VCurrent - Average Rectified (Io)300AVoltage - Forward (Vf) (Max) @ If2.15V @ 1500ASpeedStandard Recovery >500ns, > 200mA (Io)Reverse Recovery Time (trr)9µsCurrent - Reverse Leakage @ Vr50mA @ 3600VCapacitance @ Vr, F-Mounting TypeChassis, Stud MountPackage / CaseDO-200AA, A-PUKSupplier Device PackageDO-200AA, R62Operating Temperature - Junction-5°C ~ 200°C | | |
|--|-----------------------------------|--|
| CategoryDiscrete Semiconductor Products Diodes - Rectifiers - SinglePackageDO-200AA, A-PUKSeries-Diode TypeStandardVoltage - DC Reverse (Vr) (Max)3600VCurrent - Average Rectified (Io)300AVoltage - Forward (Vf) (Max) @ If2.15V @ 1500ASpeedStandard Recovery >500ns, > 200mA (Io)Reverse Recovery Time (trr)9µsCurrent - Reverse Leakage @ Vr50mA @ 3600VCurrent - Reverse Leakage @ Vr-Mounting Type-Package / CaseDO-200AA, A-PUKSupplier Device PackageDO-200AA, R62Operating Temperature - Junction65° C ~ 200°C | Manufacturer Part Number | R7003603XXUA |
| Diodes - Rectifiers - SinglePackageDO-200AA, A-PUKSeries-Diode TypeStandardVoltage - DC Reverse (Vr) (Max)3600VCurrent - Average Rectified (Io)300AVoltage - Forward (Vf) (Max) @ If2.15V @ 1500ASpeedStandard Recovery >500ns, > 200mA (Io)Reverse Recovery Time (trr)9µsCurrent - Reverse Leakage @ Vr50mA @ 3600VCapacitance @ Vr, F-Mounting TypeChassis, Stud MountPackage / CaseDO-200AA, A-PUKSupplier Device PackageDO-200AA, R62Operating Temperature - Junction-65°C ~ 200°C | Manufacturer | Powerex Inc. |
| PackageDO-200AA, A-PUKSeries-Diode TypeStandardVoltage - DC Reverse (Vr) (Max)3600VCurrent - Average Rectified (Io)300AVoltage - Forward (Vf) (Max) @ If2.15V @ 1500ASpeedStandard Recovery >500ns, > 200mA (Io)Reverse Recovery Time (trr)9µsCurrent - Reverse Leakage @ Vr50mA @ 3600VCapacitance @ Vr, F-Mounting TypeChassis, Stud MountPackage / CaseDO-200AA, A-PUKSupplier Device PackageDO-200AA, R62Operating Temperature - Junction-65°C ~ 200°C | Category | Discrete Semiconductor Products |
| Series-Series-Diode TypeStandardVoltage - DC Reverse (Vr) (Max)3600VCurrent - Average Rectified (Io)300AVoltage - Forward (Vf) (Max) @ If2.15V @ 1500ASpeedStandard Recovery >500ns, > 200mA (Io)Reverse Recovery Time (trr)9 μ sCurrent - Reverse Leakage @ Vr50mA @ 3600VCapacitance @ Vr, F-Mounting TypeChassis, Stud MountPackage / CaseDO-200AA, A-PUKSupplier Device PackageDO-200AA, R62Operating Temperature - Junction-65°C ~ 20°C | | Diodes - Rectifiers - Single |
| Diode TypeStandardDiode Type3600VVoltage - DC Reverse (Vr) (Max)300ACurrent - Average Rectified (Jo)300AVoltage - Forward (Vf) (Max) @ If2.15V @ 1500ASpeedStandard Recovery >500ns, > 200mA (Jo)Reverse Recovery Time (trr)9µsCurrent - Reverse Leakage @ Vr50mA @ 3600VCapacitance @ Vr, F-Mounting TypeChassis, Stud MountPackage / CaseDO-200AA, A-PUKSupplier Device PackageDO-200AA, R62Operating Temperature - Junction-65°C ~ 200°C | Package | DO-200AA, A-PUK |
| Notage - DC Reverse (Vr) (Max) $3600V$ Current - Average Rectified (Io) $300A$ Voltage - Forward (Vf) (Max) @ If $2.15V @ 1500A$ SpeedStandard Recovery >500ns, > 200mA (Io)Reverse Recovery Time (trr) $9\mu s$ Current - Reverse Leakage @ Vr $50mA @ 3600V$ Capacitance @ Vr, F-Mounting TypeChassis, Stud MountPackage / CaseDO-200AA, A-PUKSupplier Device PackageDO-200AA, R62Operating Temperature - Junction $-65°C \sim 200°C$ | Series | - |
| Current - Average Rectified (Io)300AVoltage - Forward (Vf) (Max) @ If2.15V @ 1500ASpeedStandard Recovery >500ns, > 200mA (Io)Reverse Recovery Time (trr)9µsCurrent - Reverse Leakage @ Vr50mA @ 3600VCapacitance @ Vr, F-Mounting TypeChassis, Stud MountPackage / CaseDO-200AA, A-PUKSupplier Device PackageDO-200AA, R62Operating Temperature - Junction-55°C ~ 200°C | Diode Type | Standard |
| Voltage - Forward (Vf) (Max) @ If $2.15V @ 1500A$ SpeedStandard Recovery >500ns, > 200mA (Io)Reverse Recovery Time (trr) $9\mu s$ Current - Reverse Leakage @ Vr $50mA @ 3600V$ Capacitance @ Vr, F-Mounting TypeChassis, Stud MountPackage / CaseDO-200AA, A-PUKSupplier Device PackageDO-200AA, R62Operating Temperature - Junction-65°C ~ 200°C | Voltage - DC Reverse (Vr) (Max) | 3600V |
| SpeedStandard Recovery >500ns, > 200mA (Io)Reverse Recovery Time (trr)9μsCurrent - Reverse Leakage @ Vr50mA @ 3600VCapacitance @ Vr, F-Mounting TypeChassis, Stud MountPackage / CaseDO-200AA, A-PUKSupplier Device PackageDO-200AA, R62Operating Temperature - Junction-65°C ~ 200°C | Current - Average Rectified (Io) | 300A |
| Reverse Recovery Time (trr)9μsCurrent - Reverse Leakage @ Vr50mA @ 3600VCapacitance @ Vr, F-Mounting TypeChassis, Stud MountPackage / CaseDO-200AA, A-PUKSupplier Device PackageDO-200AA, R62Operating Temperature - Junction-65°C ~ 200°C | Voltage - Forward (Vf) (Max) @ If | 2.15V @ 1500A |
| Current - Reverse Leakage @ Vr50mA @ 3600VCapacitance @ Vr, F-Mounting TypeChassis, Stud MountPackage / CaseDO-200AA, A-PUKSupplier Device PackageDO-200AA, R62Operating Temperature - Junction-65°C ~ 200°C | Speed | Standard Recovery >500ns, > 200mA (Io) |
| Capacitance @ Vr, F-Mounting TypeChassis, Stud MountPackage / CaseDO-200AA, A-PUKSupplier Device PackageDO-200AA, R62Operating Temperature - Junction-65°C ~ 200°C | Reverse Recovery Time (trr) | 9µs |
| Mounting TypeChassis, Stud MountPackage / CaseDO-200AA, A-PUKSupplier Device PackageDO-200AA, R62Operating Temperature - Junction-65°C ~ 200°C | Current - Reverse Leakage @ Vr | 50mA @ 3600V |
| Package / CaseDO-200AA, A-PUKSupplier Device PackageDO-200AA, R62Operating Temperature - Junction-65°C ~ 200°C | Capacitance @ Vr, F | - |
| Supplier Device PackageDO-200AA, R62Operating Temperature - Junction-65°C ~ 200°C | Mounting Type | Chassis, Stud Mount |
| Operating Temperature - Junction $-65^{\circ}\text{C} \sim 200^{\circ}\text{C}$ | Package / Case | DO-200AA, A-PUK |
| | Supplier Device Package | DO-200AA, R62 |
| Report errors? | Operating Temperature - Junction | $-65^{\circ}C \sim 200^{\circ}C$ |
| | | Report errors? |

R7003603XXUA 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 BUARANTEE

Service Guarantees

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

R7003603XXUA Payment Methods



R7003603XXUA Shipping Methods



If you have any question about R7003603XXUA, please do not hesitate to contact us! Website: https://www.heisener.com E-mail: salesdept@heisener.com