

## R7004203XXUA

a Quote

#### **R7004203XXUA Information**

Heisener.com	Part Number	R7004203XXUA	
	Manufacturer	Powerex Inc.	- Finia
	Category	Discrete Semiconductor Products Diodes - Rectifiers - Single	5
	Description	DIODE GEN PURP 4.2KV 300A DO200	_ <b>1</b> 16
	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	Requ

### **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.



#### **R7004203XXUA** Specifications

Manufacturer Powerex Inc.   Category Discrete Semiconductor Products   Diodes - Rectifiers - Single Diodes - Rectifiers - Single   Package DO-200AA, A-PUK   Series -   Diode Type Standard   Voltage - DC Reverse (Vr) (Max) 4200V   Current - Average Rectified (Io) 300A   Voltage - Forward (Vf) (Max) @ If 2.15V @ 1500A   Speed Standard Recovery >500ns, > 200mA (Io)   Reverse Recovery Time (trr) 9µs   Current - Reverse Leakage @ Vr 50mA @ 4200V   Capacitance @ Vr, F -   Mounting Type Chassis, Stud Mount   Package / Case DO-200AA, A-PUK		
CategoryDiscrete Semiconductor Products Diodes - Rectifiers - SinglePackageDO-200AA, A-PUKSeries-Diode TypeStandardVoltage - DC Reverse (Vr) (Max)4200VCurrent - Average Rectified (Io)300AVoltage - Forward (Vf) (Max) @ If2.15V @ 1500ASpeedStandard Recovery >500ns, > 200mA (Io)Reverse Recovery Time (trr)9µsCurrent - Reverse Leakage @ Vr50mA @ 4200VCapacitance @ Vr, F-Mounting TypeChassis, Stud MountPackage / CaseDO-200AA, A-PUKSupplier Device PackageDO-200AA, R62Operating Temperature - Junction65°C ~ 200°C	Manufacturer Part Number	R7004203XXUA
Diodes - Rectifiers - SinglePackageDO-200AA, A-PUKSeries-Diode TypeStandardVoltage - DC Reverse (Vr) (Max)4200VCurrent - Average Rectified (Io)300AVoltage - Forward (Vf) (Max) @ If2.15V @ 1500ASpeedStandard Recovery >500ns, > 200mA (Io)Reverse Recovery Time (trr)9µsCurrent - Reverse Leakage @ Vr50mA @ 4200VCapacitance @ 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)4200VCurrent - Average Rectified (Io)300AVoltage - Forward (Vf) (Max) @ If2.15V @ 1500ASpeedStandard Recovery >500ns, > 200mA (Io)Reverse Recovery Time (trr)9µsCurrent - Reverse Leakage @ Vr50mA @ 4200VCapacitance @ 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-SeriesStandardDiode TypeStandardVoltage - DC Reverse (Vr) (Max)4200VCurrent - Average Rectified (Io)300AVoltage - Forward (Vf) (Max) @ If2.15V @ 1500ASpeedStandard Recovery >500ns, > 200mA (Io)Reverse Recovery Time (trr)9 $\mu$ sCurrent - Reverse Leakage @ Vr50mA @ 4200VCapacitance @ Vr, F-Mounting TypeChassis, Stud MountPackage / CaseDO-200AA, A-PUKSupplier Device PackageDO-200AA, R62Operating Temperature - Junction-5°C ~ 200°C		Diodes - Rectifiers - Single
Diode TypeStandardDiode Type4200VVoltage - DC Reverse (Vr) (Max)300ACurrent - Average Rectified (Io)300AVoltage - Forward (Vf) (Max) @ If2.15V @ 1500ASpeedStandard Recovery >500ns, > 200mA (Io)Reverse Recovery Time (trr)9µsCurrent - Reverse Leakage @ Vr50mA @ 4200VCapacitance @ Vr, F-Mounting TypeChassis, Stud MountPackage / CaseDO-200AA, A-PUKSupplier Device PackageFO-200AA, R62Operating Temperature - Junction-5°C ~ 20°C	Package	DO-200AA, A-PUK
Voltage - DC Reverse (Vr) (Max)4200VCurrent - Average Rectified (Io)300AVoltage - Forward (Vf) (Max) @ If2.15V @ 1500ASpeedStandard Recovery >500ns, > 200mA (Io)Reverse Recovery Time (trr)9µsCurrent - Reverse Leakage @ Vr50mA @ 4200VCapacitance @ Vr, F-Mounting TypeChassis, Stud MountPackage / CaseDO-200AA, A-PUKSupplier Device PackageDO-200AA, R62Operating Temperature - Junction-65°C ~ 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 @ 4200VCapacitance @ Vr, F-Mounting TypeChassis, Stud MountPackage / CaseDO-200AA, A-PUKSupplier Device PackageDO-200AA, R62Operating Temperature - Junction-65°C ~ 200°C	Diode Type	Standard
Voltage - Forward (Vf) (Max) @ If $2.15V @ 1500A$ SpeedStandard Recovery >500ns, > 200mA (Io)Reverse Recovery Time (trr) $9\mu$ sCurrent - Reverse Leakage @ Vr $50mA @ 4200V$ 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)	4200V
SpeedStandard Recovery >500ns, > 200mA (Io)Reverse Recovery Time (trr)9μsCurrent - Reverse Leakage @ Vr50mA @ 4200VCapacitance @ 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 @ 4200VCapacitance @ 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 @ 4200VCapacitance @ 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 @ 4200V
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°C ~ 200°C
		Report errors?

#### **R7004203XXUA 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.

#### **R7004203XXUA** Payment Methods





If you have any question about R7004203XXUA, please do not hesitate to contact us! Website: https://www.heisener.com E-mail: salesdept@heisener.com