

R7011804XXUA

a Quote

R7011804XXUA Information

Heisener.com	Part Number	R7011804XXUA	
	Manufacturer	Powerex Inc.	
	Category	Discrete Semiconductor Products Diodes - Rectifiers - Single	
	Description	DIODE GEN PURP 1.8KV 450A DO200	22.5
	Package	DO-200AA, A-PUK	
		For the pricing/inventory/lead time, please contact us	
For Reference Only		Website: https://www.heisener.com E-mail: salesdept@heisener.com	Request

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.



R7011804XXUA 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) 1800V Current - Average Rectified (Io) 450A Voltage - Forward (Vf) (Max) @ If 1.6V @ 1500A Speed Standard Recovery >500ns, > 200mA (Io) Reverse Recovery Time (trr) 11µs Current - Reverse Leakage @ Vr 50mA @ 1800V Capacitance @ Vr, F - Mounting Type Chassis, Stud Mount Package / Case DO-200AA, A-PUK Supplier Device Package DO-200AA, R62 Operating Temperature - Junction -65°C ~ 175°C		
CategoryDiscrete Semiconductor Products Diodes - Rectifiers - SinglePackageDO-200AA, A-PUKSeries-Diode TypeStandardVoltage - DC Reverse (Vr) (Max)1800VCurrent - Average Rectified (Io)450AVoltage - Forward (Vf) (Max) @ If1.6V @ 1500ASpeedStandard Recovery >500ns, > 200mA (Io)Reverse Recovery Time (trr)11µsCurrent - Reverse Leakage @ Vr50mA @ 1800VCapacitance @ Vr, F-Mounting TypeChassis, Stud MountPackage / CaseDO-200AA, A-PUKSupplier Device PackageDO-200AA, R62Operating Temperature - Junction65°C ~ 175°C	Manufacturer Part Number	R7011804XXUA
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PackageDO-200AA, A-PUKSeries-Diode TypeStandardVoltage - DC Reverse (Vr) (Max)1800VCurrent - Average Rectified (Io)450AVoltage - Forward (Vf) (Max) @ If1.6V @ 1500ASpeedStandard Recovery >500ns, > 200mA (Io)Reverse Recovery Time (trr)11µsCurrent - Reverse Leakage @ Vr50mA @ 1800VCapacitance @ Vr, F-Mounting TypeChassis, Stud MountPackage / CaseDO-200AA, A-PUKSupplier Device PackageDO-200AA, R62Operating Temperature - Junction-65°C ~ 175°C	Category	Discrete Semiconductor Products
Series-Series-Diode TypeStandardVoltage - DC Reverse (Vr) (Max)1800VCurrent - Average Rectified (Io)450AVoltage - Forward (Vf) (Max) @ If1.6V @ 1500ASpeedStandard Recovery >500ns, > 200mA (Io)Reverse Recovery Time (trr)11 μ sCurrent - Reverse Leakage @ Vr50mA @ 1800VCapacitance @ Vr, F-Mounting TypeChassis, Stud MountPackage / CaseDO-200AA, A-PUKSupplier Device PackageDO-200AA, R62Operating Temperature - Junction-65°C ~ 175°C		Diodes - Rectifiers - Single
Diode TypeStandardDiode TypeStandardVoltage - DC Reverse (Vr) (Max)1800VCurrent - Average Rectified (Io)450AVoltage - Forward (Vf) (Max) @ If1.6V @ 1500ASpeedStandard Recovery >500ns, > 200mA (Io)Reverse Recovery Time (trr)11µsCurrent - Reverse Leakage @ Vr50mA @ 1800VCapacitance @ Vr, F-Mounting TypeChassis, Stud MountPackage / CaseDO-200AA, A-PUKSupplier Device PackageDO-200AA, R62Operating Temperature - Junction-65° C ~ 175°C	Package	DO-200AA, A-PUK
Yoltage - DC Reverse (Vr) (Max)1800VCurrent - Average Rectified (Io) $450A$ Voltage - Forward (Vf) (Max) @ If $1.6V @ 1500A$ SpeedStandard Recovery >500ns, > 200mA (Io)Reverse Recovery Time (trr) $11 \mu s$ Current - Reverse Leakage @ Vr $50mA @ 1800V$ Capacitance @ Vr, F-Mounting TypeChassis, Stud MountPackage / CaseDO-200AA, A-PUKSupplier Device PackageDO-200AA, R62Operating Temperature - Junction $-5°C \sim 175°C$	Series	-
Current - Average Rectified (Io)450AVoltage - Forward (Vf) (Max) @ If1.6V @ 1500ASpeedStandard Recovery >500ns, > 200mA (Io)Reverse Recovery Time (trr)11µsCurrent - Reverse Leakage @ Vr50mA @ 1800VCapacitance @ Vr, F-Mounting TypeChassis, Stud MountPackage / CaseDO-200AA, A-PUKSupplier Device PackageDO-200AA, R62Operating Temperature - Junction-55°C ~ 175°C	Diode Type	Standard
Voltage - Forward (Vf) (Max) @ If $1.6V @ 1500A$ SpeedStandard Recovery >500ns, > 200mA (Io)Reverse Recovery Time (trr) $11 \mu s$ Current - Reverse Leakage @ Vr $50mA @ 1800V$ Capacitance @ Vr, F-Mounting TypeChassis, Stud MountPackage / CaseDO-200AA, A-PUKSupplier Device PackageDO-200AA, R62Operating Temperature - Junction-65°C ~ 175°C	Voltage - DC Reverse (Vr) (Max)	1800V
SpeedStandard Recovery >500ns, > 200mA (Io)Reverse Recovery Time (trr)11µsCurrent - Reverse Leakage @ Vr50mA @ 1800VCapacitance @ Vr, F-Mounting TypeChassis, Stud MountPackage / CaseDO-200AA, A-PUKSupplier Device PackageDO-200AA, R62Operating Temperature - Junction-65°C ~ 175°C	Current - Average Rectified (Io)	450A
Reverse Recovery Time (trr)11µsCurrent - Reverse Leakage @ Vr50mA @ 1800VCapacitance @ Vr, F-Mounting TypeChassis, Stud MountPackage / CaseDO-200AA, A-PUKSupplier Device PackageDO-200AA, R62Operating Temperature - Junction-65°C ~ 175°C	Voltage - Forward (Vf) (Max) @ If	1.6V @ 1500A
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Capacitance @ Vr, F-Mounting TypeChassis, Stud MountPackage / CaseDO-200AA, A-PUKSupplier Device PackageDO-200AA, R62Operating Temperature - Junction-65°C ~ 175°C	Reverse Recovery Time (trr)	11µs
Mounting TypeChassis, Stud MountPackage / CaseDO-200AA, A-PUKSupplier Device PackageDO-200AA, R62Operating Temperature - Junction-65°C ~ 175°C	Current - Reverse Leakage @ Vr	50mA @ 1800V
Package / CaseDO-200AA, A-PUKSupplier Device PackageDO-200AA, R62Operating Temperature - Junction-65°C ~ 175°C	Capacitance @ Vr, F	-
Supplier Device PackageDO-200AA, R62Operating Temperature - Junction-65°C ~ 175°C	Mounting Type	Chassis, Stud Mount
Operating Temperature - Junction $-65^{\circ}\text{C} \sim 175^{\circ}\text{C}$	Package / Case	DO-200AA, A-PUK
	Supplier Device Package	DO-200AA, R62
Report errors?	Operating Temperature - Junction	-65°C ~ 175°C
		Report errors?

R7011804XXUA 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.

R7011804XXUA Payment Methods



R7011804XXUA Shipping Methods



If you have any question about R7011804XXUA, please do not hesitate to contact us! Website: https://www.heisener.com E-mail: salesdept@heisener.com