



### **A177RN Information**

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Manufac

**Part Number** A177RN **Manufacturer** Powerex Inc.

Category Discrete Semiconductor Products
Diodes - Rectifiers - Single

**Description** DIODE GEN REV 800V 100A DO205AA

Package DO-205AA, DO-8, Stud

For the pricing/inventory/lead time, please contact

us

For Reference Only

Website: https://www.heisener.com
E-mail: salesdept@heisener.com



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# **Certified Quality**

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## **A177RN Specifications**

Manufacturer Part NumberA177RNManufacturerPowerex Inc.CategoryDiscrete Semiconductor ProductsPackageDO-205AA, DO-8, StudSeries-Diode TypeStandard, Reverse PolarityVoltage - DC Reverse (Vr) (Max)800VCurrent - Average Rectified (Io)100AVoltage - Forward (Vf) (Max) @ If-SpeedStandard Recovery >500ns, > 200mA (Io)Reverse Recovery Time (trr)2.3μsCurrent - Reverse Leakage @ Vr-Capacitance @ Vr, F-Mounting TypeStud MountPackage / CaseDO-205AA, DO-8, StudSupplier Device Package-Operating Temperature - Junction-40°C ~ 125°CReport errors?	111771C Opecifications	
Category  Discrete Semiconductor Products  Diodes - Rectifiers - Single  DO-205AA, DO-8, Stud  Series  - Diode Type  Standard, Reverse Polarity  Voltage - DC Reverse (Vr) (Max)  800V  Current - Average Rectified (Io)  100A  Voltage - Forward (Vf) (Max) @ If  Speed  Standard Recovery >500ns, > 200mA (Io)  Reverse Recovery Time (trr)  2.3µs  Current - Reverse Leakage @ Vr  Capacitance @ Vr, F  Mounting Type  Stud Mount  Package / Case  DO-205AA, DO-8, Stud  Supplier Device Package  Operating Temperature - Junction  Do-215°C	Manufacturer Part Number	A177RN
PackageDiodes - Rectifiers - SinglePackageDO-205AA, DO-8, StudSeries-Diode TypeStandard, Reverse PolarityVoltage - DC Reverse (Vr) (Max)800VCurrent - Average Rectified (Io)100AVoltage - Forward (Vf) (Max) @ If-SpeedStandard Recovery >500ns, > 200mA (Io)Reverse Recovery Time (trr)2.3μsCurrent - Reverse Leakage @ Vr-Capacitance @ Vr, F-Mounting TypeStud MountPackage / CaseDO-205AA, DO-8, StudSupplier Device Package-Operating Temperature - Junction-40°C ~ 125°C	Manufacturer	Powerex Inc.
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Series-Diode TypeStandard, Reverse PolarityVoltage - DC Reverse (Vr) (Max)800VCurrent - Average Rectified (Io)100AVoltage - Forward (Vf) (Max) @ If-SpeedStandard Recovery >500ns, > 200mA (Io)Reverse Recovery Time (trr)2.3μsCurrent - Reverse Leakage @ Vr-Capacitance @ Vr, F-Mounting TypeStud MountPackage / CaseDO-205AA, DO-8, StudSupplier Device Package-Operating Temperature - Junction-40°C ~ 125°C		Diodes - Rectifiers - Single
Diode Type  Standard, Reverse Polarity  Voltage - DC Reverse (Vr) (Max)  800V  Current - Average Rectified (Io)  100A  Voltage - Forward (Vf) (Max) @ If  Speed  Standard Recovery >500ns, > 200mA (Io)  Reverse Recovery Time (trr)  2.3µs  Current - Reverse Leakage @ Vr  - Capacitance @ Vr, F  Mounting Type  Stud Mount  Package / Case  DO-205AA, DO-8, Stud  Supplier Device Package  Operating Temperature - Junction  Standard, Reverse Polarity  800V  100A  -  Standard Recovery >500ns, > 200mA (Io)  -  Standard Recovery >500ns, > 200mA (Io)  Standard Recovery >500ns, > 200mA (Io)  -	Package	DO-205AA, DO-8, Stud
Voltage - DC Reverse (Vr) (Max)  Current - Average Rectified (Io)  Voltage - Forward (Vf) (Max) @ If  Speed  Standard Recovery > 500ns, > 200mA (Io)  Reverse Recovery Time (trr)  2.3µs  Current - Reverse Leakage @ Vr  Capacitance @ Vr, F  Mounting Type  Stud Mount  Package / Case  DO-205AA, DO-8, Stud  Supplier Device Package  Operating Temperature - Junction  800V  -00A  -00A  -100A	Series	-
Current - Average Rectified (Io)  Voltage - Forward (Vf) (Max) @ If  Speed  Standard Recovery >500ns, > 200mA (Io)  Reverse Recovery Time (trr)  Current - Reverse Leakage @ Vr  Capacitance @ Vr, F  Mounting Type  Stud Mount  Package / Case  DO-205AA, DO-8, Stud  Supplier Device Package  Operating Temperature - Junction  100A  - Capacitance @ Vr, P  Standard Recovery >500ns, > 200mA (Io)  - Capacitance @ Vr  DO-205AA, DO-8, Stud  - Capacitance @ Vr  - Capacitance @ Vr, F  - Capa	Diode Type	Standard, Reverse Polarity
Voltage - Forward (Vf) (Max) @ If-SpeedStandard Recovery >500ns, > 200mA (Io)Reverse Recovery Time (trr)2.3μsCurrent - Reverse Leakage @ Vr-Capacitance @ Vr, F-Mounting TypeStud MountPackage / CaseDO-205AA, DO-8, StudSupplier Device Package-Operating Temperature - Junction-40°C ~ 125°C	Voltage - DC Reverse (Vr) (Max)	800V
SpeedStandard Recovery >500ns, > 200mA (Io)Reverse Recovery Time (trr)2.3μsCurrent - Reverse Leakage @ Vr-Capacitance @ Vr, F-Mounting TypeStud MountPackage / CaseDO-205AA, DO-8, StudSupplier Device Package-Operating Temperature - Junction-40°C ~ 125°C	Current - Average Rectified (Io)	100A
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Current - Reverse Leakage @ Vr  Capacitance @ Vr, F  Mounting Type  Stud Mount  Package / Case  DO-205AA, DO-8, Stud  Supplier Device Package  Operating Temperature - Junction  -40°C ~ 125°C	Speed	Standard Recovery >500ns, > 200mA (Io)
Capacitance @ Vr, F  Mounting Type  Stud Mount  Package / Case  DO-205AA, DO-8, Stud  Supplier Device Package  Operating Temperature - Junction  -40°C ~ 125°C	Reverse Recovery Time (trr)	2.3μs
Mounting Type Stud Mount  Package / Case DO-205AA, DO-8, Stud  Supplier Device Package Operating Temperature - Junction  Stud Mount	Current - Reverse Leakage @ Vr	-
Package / Case DO-205AA, DO-8, Stud  Supplier Device Package -  Operating Temperature - Junction -40°C ~ 125°C	Capacitance @ Vr, F	-
Supplier Device Package - Operating Temperature - Junction -40°C ~ 125°C	Mounting Type	Stud Mount
Operating Temperature - Junction $-40^{\circ}\text{C} \sim 125^{\circ}\text{C}$	Package / Case	DO-205AA, DO-8, Stud
	Supplier Device Package	-
Report errors?	Operating Temperature - Junction	-40°C ~ 125°C
		Report errors?

#### **A177RN 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.

# **A177RN Payment Methods**



















## **A177RN Shipping Methods**













If you have any question about A177RN, please do not hesitate to contact us!

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