

#### **A437N Information**

Part Number A437N

Manufacturer Powerex Inc.

Category Heisener.com

Discrete Semiconductor Products

Diodes - Rectifiers - Single

**Description** DIODE GEN PURP 800V 600A DO200AB DO-200AB, B-PUK **Package** 

For the pricing/inventory/lead time, please contact

Website: https://www.heisener.com

E-mail: salesdept@heisener.com



Request a Quote

## **Certified Quality**

For Reference Only

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.









# **A437N Specifications**

Manufacturer Part NumberA437NManufacturerPowerex Inc.CategoryDiscrete Semiconductor ProductsPackageDo-200AB, B-PUKSeries-Diode TypeStandardVoltage - DC Reverse (Vr) (Max)800VCurrent - Average Rectified (Io)600AVoltage - Forward (Vf) (Max) @ If-SpeedStandard Recovery >500ns, > 200mA (Io)Reverse Recovery Time (trr)3.5μsCurrent - Reverse Leakage @ Vr-Capacitance @ Vr, F-Mounting TypeStud MountPackage / CaseDO-200AB, B-PUKSupplier Device Package-	-	
Category  Discrete Semiconductor Products  Diodes - Rectifiers - Single  Package  DO-200AB, B-PUK  Series  - Diode Type  Standard  Voltage - DC Reverse (Vr) (Max)  Current - Average Rectified (Io)  Voltage - Forward (Vf) (Max) @ If  Speed  Standard Recovery >500ns, > 200mA (Io)  Reverse Recovery Time (trr)  3.5µs  Current - Reverse Leakage @ Vr  Capacitance @ Vr, F  Mounting Type  Stud Mount  Package / Case  DO-200AB, B-PUK  Supplier Device Package  -	Manufacturer Part Number	A437N
PackageDiodes - Rectifiers - SinglePackageDO-200AB, B-PUKSeries-Diode TypeStandardVoltage - DC Reverse (Vr) (Max)800VCurrent - Average Rectified (Io)600AVoltage - Forward (Vf) (Max) @ If-SpeedStandard Recovery >500ns, > 200mA (Io)Reverse Recovery Time (trr)3.5μsCurrent - Reverse Leakage @ Vr-Capacitance @ Vr, F-Mounting TypeStud MountPackage / CaseDO-200AB, B-PUKSupplier Device Package-	Manufacturer	Powerex Inc.
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Series - Diode Type Standard  Voltage - DC Reverse (Vr) (Max) 800V  Current - Average Rectified (Io) 600A  Voltage - Forward (Vf) (Max) @ If - Speed Standard Recovery >500ns, > 200mA (Io)  Reverse Recovery Time (trr) 3.5μs  Current - Reverse Leakage @ Vr - Capacitance @ Vr, F - Mounting Type Stud Mount  Package / Case DO-200AB, B-PUK  Supplier Device Package		Diodes - Rectifiers - Single
Diode TypeStandardVoltage - DC Reverse (Vr) (Max)800VCurrent - Average Rectified (Io)600AVoltage - Forward (Vf) (Max) @ If-SpeedStandard Recovery >500ns, > 200mA (Io)Reverse Recovery Time (trr)3.5μsCurrent - Reverse Leakage @ Vr-Capacitance @ Vr, F-Mounting TypeStud MountPackage / CaseDO-200AB, B-PUKSupplier Device Package-	Package	DO-200AB, B-PUK
Voltage - DC Reverse (Vr) (Max)  Current - Average Rectified (Io)  Voltage - Forward (Vf) (Max) @ If  Speed  Standard Recovery >500ns, > 200mA (Io)  Reverse Recovery Time (trr)  3.5µs  Current - Reverse Leakage @ Vr  Capacitance @ Vr, F  Mounting Type  Stud Mount  Package / Case  DO-200AB, B-PUK  Supplier Device Package  -	Series	-
Current - Average Rectified (Io)600AVoltage - Forward (Vf) (Max) @ If-SpeedStandard Recovery >500ns, > 200mA (Io)Reverse Recovery Time (trr)3.5μsCurrent - Reverse Leakage @ Vr-Capacitance @ Vr, F-Mounting TypeStud MountPackage / CaseDO-200AB, B-PUKSupplier Device Package-	Diode Type	Standard
Voltage - Forward (Vf) (Max) @ If  Speed Standard Recovery >500ns, > 200mA (Io)  Reverse Recovery Time (trr) 3.5μs  Current - Reverse Leakage @ Vr  Capacitance @ Vr, F  Mounting Type Stud Mount  Package / Case DO-200AB, B-PUK  Supplier Device Package -	Voltage - DC Reverse (Vr) (Max)	800V
Speed       Standard Recovery >500ns, > 200mA (Io)         Reverse Recovery Time (trr)       3.5μs         Current - Reverse Leakage @ Vr       -         Capacitance @ Vr, F       -         Mounting Type       Stud Mount         Package / Case       DO-200AB, B-PUK         Supplier Device Package       -	Current - Average Rectified (Io)	600A
Reverse Recovery Time (trr)  Current - Reverse Leakage @ Vr  Capacitance @ Vr, F  Mounting Type  Stud Mount  Package / Case  DO-200AB, B-PUK  Supplier Device Package	Voltage - Forward (Vf) (Max) @ If	-
Current - Reverse Leakage @ Vr - Capacitance @ Vr, F - Mounting Type Stud Mount Package / Case DO-200AB, B-PUK Supplier Device Package -	Speed	Standard Recovery >500ns, > 200mA (Io)
Capacitance @ Vr, F -  Mounting Type Stud Mount  Package / Case DO-200AB, B-PUK  Supplier Device Package -	Reverse Recovery Time (trr)	3.5µs
Mounting Type Stud Mount Package / Case DO-200AB, B-PUK Supplier Device Package -	Current - Reverse Leakage @ Vr	-
Package / Case DO-200AB, B-PUK Supplier Device Package -	Capacitance @ Vr, F	-
Supplier Device Package -	Mounting Type	Stud Mount
	Package / Case	DO-200AB, B-PUK
	Supplier Device Package	-
Operating Temperature - Junction $-40^{\circ}\text{C} \sim 125^{\circ}\text{C}$	Operating Temperature - Junction	-40°C ~ 125°C
Report errors?		Report errors?

#### **A437N 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.

### **A437N Payment Methods**



















# **A437N Shipping Methods**













If you have any question about A437N, please do not hesitate to contact us!

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