

## 2N1799 Information



For Reference Only

**Part Number** [2N1799](#)  
**Manufacturer** Powerex Inc.  
**Category** Discrete Semiconductor Products  
[Thyristors - SCRs](#)  
**Description** THYRISTOR STUD 500V 70A TO-94  
**Package** TO-209AC, TO-94-4, Stud  
 For the pricing/inventory/lead time, please contact us  
 Website: <https://www.heisener.com>  
 E-mail: [salesdept@heisener.com](mailto:salesdept@heisener.com)



[Request a Quote](#)

## 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.



## 2N1799 Specifications

Manufacturer Part Number	<a href="#">2N1799</a>
Manufacturer	Powerex Inc.
Category	Discrete Semiconductor Products <a href="#">Thyristors - SCRs</a>
Package	TO-209AC, TO-94-4, Stud
Series	-
Voltage - Off State	500V
Voltage - Gate Trigger (Vgt) (Max)	3V
Current - Gate Trigger (Igt) (Max)	70mA
Voltage - On State (Vtm) (Max)	2.3V
Current - On State (It (AV)) (Max)	70A
Current - On State (It (RMS)) (Max)	110A
Current - Hold (Ih) (Max)	-
Current - Off State (Max)	10mA
Current - Non Rep. Surge 50, 60Hz (Itsm)	1000A @ 60Hz
SCR Type	Standard Recovery
Operating Temperature	-40°C ~ 125°C
Mounting Type	Chassis, Stud Mount
Package / Case	TO-209AC, TO-94-4, Stud
Supplier Device Package	-

[Report errors?](#)

## 2N1799 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.

## 2N1799 Payment Methods



## 2N1799 Shipping Methods



If you have any question about 2N1799, please do not hesitate to contact us!

Website: <https://www.heisener.com>

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