

**DSI45-12A Information**


For Reference Only

**Part Number** [DSI45-12A](#)  
**Manufacturer** IXYS  
**Category** Discrete Semiconductor Products  
                   [Diodes - Rectifiers - Single](#)  
**Description** DIODE GEN PURP 1.2KV 45A TO247AD  
**Package** TO-247-2  
 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.


**DSI45-12A Specifications**

Manufacturer Part Number	<a href="#">DSI45-12A</a>
Manufacturer	IXYS
Category	Discrete Semiconductor Products <a href="#">Diodes - Rectifiers - Single</a>
Package	TO-247-2
Series	-
Diode Type	Standard
Voltage - DC Reverse (Vr) (Max)	1200V
Current - Average Rectified (Io)	45A
Voltage - Forward (Vf) (Max) @ If	1.28V @ 45A
Speed	Standard Recovery >500ns, > 200mA (Io)
Reverse Recovery Time (trr)	-
Current - Reverse Leakage @ Vr	20µA @ 1200V
Capacitance @ Vr, F	18pF @ 400V, 1MHz
Mounting Type	Through Hole
Package / Case	TO-247-2
Supplier Device Package	TO-247AD
Operating Temperature - Junction	-40°C ~ 175°C

[Report errors?](#)

## DSI45-12A 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.

## DSI45-12A Payment Methods



## DSI45-12A Shipping Methods



If you have any question about DSI45-12A, please do not hesitate to contact us!

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

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