

**SBR12U45LH1-13R Information**


For Reference Only

**Part Number** [SBR12U45LH1-13R](#)  
**Manufacturer** Diodes Incorporated  
**Category** Discrete Semiconductor Products  
[Diodes - Rectifiers - Single](#)  
**Description** DIODE SB RECT 45V 12A POWERDI5  
**Package** PowerDI? 5SP  
 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.


**SBR12U45LH1-13R Specifications**

Manufacturer Part Number	<a href="#">SBR12U45LH1-13R</a>
Manufacturer	Diodes Incorporated
Category	Discrete Semiconductor Products <a href="#">Diodes - Rectifiers - Single</a>
Package	PowerDI? 5SP
Series	SBR?
Diode Type	Super Barrier
Voltage - DC Reverse (Vr) (Max)	45V
Current - Average Rectified (Io)	12A
Voltage - Forward (Vf) (Max) @ If	500mV @ 12A
Speed	Standard Recovery >500ns, > 200mA (Io)
Reverse Recovery Time (trr)	-
Current - Reverse Leakage @ Vr	300µA @ 45V
Capacitance @ Vr, F	-
Mounting Type	Surface Mount
Package / Case	PowerDI? 5SP
Supplier Device Package	PowerDI5SP?
Operating Temperature - Junction	-65°C ~ 150°C

[Report errors?](#)

## SBR12U45LH1-13R 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.

## SBR12U45LH1-13R Payment Methods



## SBR12U45LH1-13R Shipping Methods



If you have any question about SBR12U45LH1-13R, please do not hesitate to contact us!

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