

**SDH5KS Information**


For Reference Only

**Part Number** [SDH5KS](#)  
**Manufacturer** Semtech Corporation  
**Category** Discrete Semiconductor Products  
[Diodes - Rectifiers - Single](#)  
**Description** DIODE GEN PURP 5KV 2.5A MODULE  
**Package** Module  
 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.


**SDH5KS Specifications**

Manufacturer Part Number	<a href="#">SDH5KS</a>
Manufacturer	Semtech Corporation
Category	Discrete Semiconductor Products <a href="#">Diodes - Rectifiers - Single</a>
Package	Module
Series	-
Diode Type	Standard
Voltage - DC Reverse (Vr) (Max)	5000V
Current - Average Rectified (Io)	2.5A
Voltage - Forward (Vf) (Max) @ If	6V @ 3A
Speed	Fast Recovery =< 500ns, > 200mA (Io)
Reverse Recovery Time (trr)	2µs
Current - Reverse Leakage @ Vr	1µA @ 5000V
Capacitance @ Vr, F	-
Mounting Type	Through Hole
Package / Case	Module
Supplier Device Package	-
Operating Temperature - Junction	-55°C ~ 150°C

[Report errors?](#)

## SDH5KS 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.

## SDH5KS Payment Methods



## SDH5KS Shipping Methods



If you have any question about SDH5KS, please do not hesitate to contact us!

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

E-mail: [salesdept@heisener.com](mailto:salesdept@heisener.com)