

**S4012L Information**


For Reference Only

**Part Number** [S4012L](#)  
**Manufacturer** Littelfuse Inc.  
**Category** Discrete Semiconductor Products  
[Thyristors - SCRs](#)  
**Description** SCR 400V 12A TO220 ISO  
**Package** TO-220-3 Isolated Tab  
 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.


**S4012L Specifications**

Manufacturer Part Number	<a href="#">S4012L</a>
Manufacturer	Littelfuse Inc.
Category	Discrete Semiconductor Products <a href="#">Thyristors - SCRs</a>
Package	TO-220-3 Isolated Tab
Series	-
Voltage - Off State	400V
Voltage - Gate Trigger (Vgt) (Max)	1.5V
Current - Gate Trigger (Igt) (Max)	20mA
Voltage - On State (Vtm) (Max)	1.6V
Current - On State (It (AV)) (Max)	7.6A
Current - On State (It (RMS)) (Max)	12A
Current - Hold (Ih) (Max)	40mA
Current - Off State (Max)	10µA
Current - Non Rep. Surge 50, 60Hz (Itsm)	100A, 120A
SCR Type	Standard Recovery
Operating Temperature	-40°C ~ 125°C
Mounting Type	Through Hole
Package / Case	TO-220-3 Isolated Tab
Supplier Device Package	TO-220 Isolated Tab

[Report errors?](#)

## S4012L 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.

## S4012L Payment Methods



## S4012L Shipping Methods



If you have any question about S4012L, please do not hesitate to contact us!

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