

**Q6012RH2 Information**


For Reference Only

**Part Number** [Q6012RH2](#)  
**Manufacturer** Littelfuse Inc.  
**Category** Discrete Semiconductor Products  
[Thyristors - TRIACs](#)  
**Description** TRIAC ALTERNISTOR 600V 12A TO220  
**Package** TO-220-3  
 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.


**Q6012RH2 Specifications**

Manufacturer Part Number	<a href="#">Q6012RH2</a>
Manufacturer	Littelfuse Inc.
Category	Discrete Semiconductor Products <a href="#">Thyristors - TRIACs</a>
Package	TO-220-3
Series	-
Triac Type	Alternistor - Snubberless
Voltage - Off State	600V
Current - On State (I <sub>t</sub> (RMS)) (Max)	12A
Voltage - Gate Trigger (V <sub>gt</sub> ) (Max)	1.3V
Current - Non Rep. Surge 50, 60Hz (I <sub>tsm</sub> )	110A, 120A
Current - Gate Trigger (I <sub>gt</sub> ) (Max)	10mA
Current - Hold (I <sub>h</sub> ) (Max)	15mA
Configuration	Single
Operating Temperature	-40°C ~ 125°C (TJ)
Mounting Type	Through Hole
Package / Case	TO-220-3
Supplier Device Package	TO-220 Non-Isolated Tab

[Report errors?](#)

## Q6012RH2 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.

## Q6012RH2 Payment Methods



## Q6012RH2 Shipping Methods



If you have any question about Q6012RH2, please do not hesitate to contact us!

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

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