

**S6008R Information**


For Reference Only

**Part Number** [S6008R](#)  
**Manufacturer** Littelfuse Inc.  
**Category** Discrete Semiconductor Products  
[Thyristors - SCRs](#)  
**Description** SCR NON-SENSITIVE GATE 8.0A 600V  
**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.


**S6008R Specifications**

|  |  |
|--|--|
| Manufacturer Part Number                 | <a href="#">S6008R</a>   |
| Manufacturer                             | Littelfuse Inc.  |
| Category                                 | Discrete Semiconductor Products<br><a href="#">Thyristors - SCRs</a> |
| Package                                  | TO-220-3   |
| Series                                   | -  |
| Voltage - Off State                      | 600V   |
| Voltage - Gate Trigger (Vgt) (Max)       | 1.5V   |
| Current - Gate Trigger (Igt) (Max)       | 15mA   |
| Voltage - On State (Vtm) (Max)           | 1.6V   |
| Current - On State (It (AV)) (Max)       | 5.1A   |
| Current - On State (It (RMS)) (Max)      | 8A   |
| Current - Hold (Ih) (Max)                | 30mA   |
| Current - Off State (Max)                | 10µA   |
| Current - Non Rep. Surge 50, 60Hz (Itsm) | 83A, 100A  |
| SCR Type                                 | Standard Recovery  |
| Operating Temperature                    | -40°C ~ 125°C  |
| Mounting Type                            | Through Hole   |
| Package / Case                           | TO-220-3   |
| Supplier Device Package                  | TO-220 Non-Isolated Tab  |

[Report errors?](#)

## S6008R 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.

## S6008R Payment Methods



## S6008R Shipping Methods



If you have any question about S6008R, please do not hesitate to contact us!

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

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