

**SF12GHR0G Information**


For Reference Only

**Part Number** [SF12GHR0G](#)  
**Manufacturer** TSC America Inc.  
**Category** Discrete Semiconductor Products  
[Diodes - Rectifiers - Single](#)  
**Description** DIODE, SUPER FAST, 1A, 100V, 35N  
**Package** DO-204AL, DO-41, Axial  
 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.


**SF12GHR0G Specifications**

|                                   |   |
|-----------------------------------|---|
| Manufacturer Part Number          | <a href="#">SF12GHR0G</a>   |
| Manufacturer                      | TSC America Inc.  |
| Category                          | Discrete Semiconductor Products<br><a href="#">Diodes - Rectifiers - Single</a> |
| Package                           | DO-204AL, DO-41, Axial  |
| Series                            | Automotive, AEC-Q101  |
| Diode Type                        | Standard  |
| Voltage - DC Reverse (Vr) (Max)   | 100V  |
| Current - Average Rectified (Io)  | 1A  |
| Voltage - Forward (Vf) (Max) @ If | 950mV @ 1A  |
| Speed                             | Fast Recovery =< 500ns, > 200mA (Io)  |
| Reverse Recovery Time (trr)       | 35ns  |
| Current - Reverse Leakage @ Vr    | 5µA @ 100V  |
| Capacitance @ Vr, F               | 20pF @ 4V, 1MHz   |
| Mounting Type                     | Through Hole  |
| Package / Case                    | DO-204AL, DO-41, Axial  |
| Supplier Device Package           | DO-204AL (DO-41)  |
| Operating Temperature - Junction  | -55°C ~ 150°C   |

[Report errors?](#)

## SF12GHR0G 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.

## SF12GHR0G Payment Methods



## SF12GHR0G Shipping Methods



If you have any question about SF12GHR0G, please do not hesitate to contact us!

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

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