

**SF42GHR0G Information**


For Reference Only

**Part Number** SF42GHR0G  
**Manufacturer** TSC America Inc.  
**Category** Discrete Semiconductor Products  
     Diodes - Rectifiers - Single  
**Description** DIODE, SUPER FAST, 4A, 100V, 35N  
**Package** DO-201AD, Axial  
 For the pricing/inventory/lead time, please contact us  
 Website: <https://www.heisener.com>  
 E-mail: [salesdept@heisener.com](mailto:salesdept@heisener.com)


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**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.


**SF42GHR0G Specifications**

Manufacturer Part Number	SF42GHR0G
Manufacturer	TSC America Inc.
Category	Discrete Semiconductor Products Diodes - Rectifiers - Single
Package	DO-201AD, Axial
Series	Automotive, AEC-Q101
Diode Type	Standard
Voltage - DC Reverse (Vr) (Max)	100V
Current - Average Rectified (Io)	4A
Voltage - Forward (Vf) (Max) @ If	1V @ 4A
Speed	Fast Recovery =< 500ns, > 200mA (Io)
Reverse Recovery Time (trr)	35ns
Current - Reverse Leakage @ Vr	5µA @ 100V
Capacitance @ Vr, F	100pF @ 4V, 1MHz
Mounting Type	Through Hole
Package / Case	DO-201AD, Axial
Supplier Device Package	DO-201AD
Operating Temperature - Junction	-55°C ~ 150°C

[Report errors?](#)

## SF42GHR0G 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.

## SF42GHR0G Payment Methods



## SF42GHR0G Shipping Methods



If you have any question about SF42GHR0G, please do not hesitate to contact us!

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

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