

**GP1006HC0G Information**


For Reference Only

**Part Number** [GP1006HC0G](#)  
**Manufacturer** TSC America Inc.  
**Category** Discrete Semiconductor Products  
     [Diodes - Rectifiers - Arrays](#)  
**Description** DIODE, 10A, 800V, AEC-Q101, TO-2  
**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.


**GP1006HC0G Specifications**

|  |   |
|--|---|
| Manufacturer Part Number                     | <a href="#">GP1006HC0G</a>  |
| Manufacturer                                 | TSC America Inc.  |
| Category                                     | Discrete Semiconductor Products<br><a href="#">Diodes - Rectifiers - Arrays</a> |
| Package                                      | TO-220-3  |
| Series                                       | Automotive, AEC-Q101  |
| Diode Configuration                          | 1 Pair Common Cathode   |
| Diode Type                                   | Standard  |
| Voltage - DC Reverse (Vr) (Max)              | 800V  |
| Current - Average Rectified (Io) (per Diode) | 10A   |
| Voltage - Forward (Vf) (Max) @ If            | 1.1V @ 5A   |
| Speed  | Standard Recovery >500ns, > 200mA (Io)  |
| Reverse Recovery Time (trr)                  | -   |
| Current - Reverse Leakage @ Vr               | 5µA @ 800V  |
| Operating Temperature - Junction             | -55°C ~ 150°C   |
| Mounting Type                                | Through Hole  |
| Package / Case                               | TO-220-3  |
| Supplier Device Package                      | TO-220AB  |

[Report errors?](#)

## GP1006HC0G 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.

## GP1006HC0G Payment Methods



## GP1006HC0G Shipping Methods



If you have any question about GP1006HC0G, please do not hesitate to contact us!

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

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