

SF2005PTHC0G Information


For Reference Only

Part Number [SF2005PTHC0G](#)
Manufacturer TSC America Inc.
Category Discrete Semiconductor Products
 [Diodes - Rectifiers - Single](#)
Description DIODE, SUPER FAST, 20A, 300V, 35
Package TO-247-3
 For the pricing/inventory/lead time, please contact us
 Website: <https://www.heisener.com>
 E-mail: 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.


SF2005PTHC0G Specifications

| | |
|-----------------------------------|---|
| Manufacturer Part Number | SF2005PTHC0G |
| Manufacturer | TSC America Inc. |
| Category | Discrete Semiconductor Products Diodes - Rectifiers - Single |
| Package | TO-247-3 |
| Series | Automotive, AEC-Q101 |
| Diode Type | Standard |
| Voltage - DC Reverse (Vr) (Max) | 300V |
| Current - Average Rectified (Io) | 20A |
| Voltage - Forward (Vf) (Max) @ If | 1.5V @ 20A |
| Speed | Fast Recovery =< 500ns, > 200mA (Io) |
| Reverse Recovery Time (trr) | 35ns |
| Current - Reverse Leakage @ Vr | 10µA @ 300V |
| Capacitance @ Vr, F | 175pF @ 4V, 1MHz |
| Mounting Type | Through Hole |
| Package / Case | TO-247-3 |
| Supplier Device Package | TO-247AD (TO-3P) |
| Operating Temperature - Junction | -55°C ~ 150°C |

[Report errors?](#)

SF2005PTHC0G 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.

SF2005PTHC0G Payment Methods



SF2005PTHC0G Shipping Methods



If you have any question about SF2005PTHC0G, please do not hesitate to contact us!

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