

12TQ045 Information



For Reference Only

Part Number [12TQ045](#)
Manufacturer SMC Diode Solutions
Category Discrete Semiconductor Products
[Diodes - Rectifiers - Single](#)
Description DIODE SCHOTTKY 45V 15A TO220AC
Package TO-220-2
 For the pricing/inventory/lead time, please contact us
 Website: <https://www.heisener.com>
 E-mail: 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.



12TQ045 Specifications

| | |
|-----------------------------------|---|
| Manufacturer Part Number | 12TQ045 |
| Manufacturer | SMC Diode Solutions |
| Category | Discrete Semiconductor Products Diodes - Rectifiers - Single |
| Package | TO-220-2 |
| Series | - |
| Diode Type | Schottky |
| Voltage - DC Reverse (Vr) (Max) | 45V |
| Current - Average Rectified (Io) | 15A |
| Voltage - Forward (Vf) (Max) @ If | 560mV @ 15A |
| Speed | Fast Recovery =< 500ns, > 200mA (Io) |
| Reverse Recovery Time (trr) | - |
| Current - Reverse Leakage @ Vr | 1mA @ 45V |
| Capacitance @ Vr, F | 900pF @ 5V, 1MHz |
| Mounting Type | Through Hole |
| Package / Case | TO-220-2 |
| Supplier Device Package | TO-220AC |
| Operating Temperature - Junction | -55°C ~ 150°C |

[Report errors?](#)

12TQ045 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.

12TQ045 Payment Methods



12TQ045 Shipping Methods



If you have any question about 12TQ045, please do not hesitate to contact us!

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