

**20TQ045 Information**


For Reference Only

**Part Number** [20TQ045](#)  
**Manufacturer** SMC Diode Solutions  
**Category** Discrete Semiconductor Products  
     [Diodes - Rectifiers - Single](#)  
**Description** PIV 45V IO 20A VF 0 57V PACKAGE  
**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.


**20TQ045 Specifications**

Manufacturer Part Number	<a href="#">20TQ045</a>
Manufacturer	SMC Diode Solutions
Category	Discrete Semiconductor Products <a href="#">Diodes - Rectifiers - Single</a>
Package	TO-220-3
Series	-
Diode Type	Schottky
Voltage - DC Reverse (Vr) (Max)	45V
Current - Average Rectified (Io)	-
Voltage - Forward (Vf) (Max) @ If	570mV @ 20A
Speed	Fast Recovery =< 500ns, > 200mA (Io)
Reverse Recovery Time (trr)	-
Current - Reverse Leakage @ Vr	2.7mA @ 45V
Capacitance @ Vr, F	1400pF @ 5V, 1MHz
Mounting Type	Through Hole
Package / Case	TO-220-3
Supplier Device Package	TO-220AC
Operating Temperature - Junction	-55°C ~ 150°C

[Report errors?](#)

## 20TQ045 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.

## 20TQ045 Payment Methods



## 20TQ045 Shipping Methods



If you have any question about 20TQ045, please do not hesitate to contact us!

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