

**25CTQ045STR Information**


For Reference Only

**Part Number** [25CTQ045STR](#)  
**Manufacturer** SMC Diode Solutions  
**Category** Discrete Semiconductor Products  
[Diodes - Rectifiers - Arrays](#)  
**Description** DIODE SCHOTTKY 45V 15A D2PAK  
**Package** TO-263-3, D2Pak (2 Leads + Tab), TO-263AB  
 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.


**25CTQ045STR Specifications**

Manufacturer Part Number	<a href="#">25CTQ045STR</a>
Manufacturer	SMC Diode Solutions
Category	Discrete Semiconductor Products <a href="#">Diodes - Rectifiers - Arrays</a>
Package	TO-263-3, D2Pak (2 Leads + Tab), TO-263AB
Series	-
Diode Configuration	1 Pair Common Cathode
Diode Type	Schottky
Voltage - DC Reverse (Vr) (Max)	45V
Current - Average Rectified (Io) (per Diode)	15A
Voltage - Forward (Vf) (Max) @ If	710mV @ 15A
Speed	Fast Recovery =< 500ns, > 200mA (Io)
Reverse Recovery Time (trr)	-
Current - Reverse Leakage @ Vr	1mA @ 45V
Operating Temperature - Junction	-55°C ~ 150°C
Mounting Type	Surface Mount
Package / Case	TO-263-3, D2Pak (2 Leads + Tab), TO-263AB
Supplier Device Package	D2PAK

[Report errors?](#)

## 25CTQ045STR 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.

## 25CTQ045STR Payment Methods



## 25CTQ045STR Shipping Methods



If you have any question about 25CTQ045STR, please do not hesitate to contact us!

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