

### 301CNQ045 Information



For Reference Only

**Part Number** 301CNQ045  
**Manufacturer** Vishay Semiconductor Diodes Division  
**Category** Discrete Semiconductor Products  
     **Diodes - Rectifiers - Arrays**  
**Description** DIODE MODULE 45V 300A TO244AB  
**Package** TO-244AB  
 For the pricing/inventory/lead time, please contact us  
 Website: <https://www.heisener.com>  
 E-mail: [salesdept@heisener.com](mailto: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.



### 301CNQ045 Specifications

Manufacturer Part Number	301CNQ045
Manufacturer	Vishay Semiconductor Diodes Division
Category	Discrete Semiconductor Products <b>Diodes - Rectifiers - Arrays</b>
Package	TO-244AB
Series	-
Diode Configuration	1 Pair Common Cathode
Diode Type	Schottky
Voltage - DC Reverse (Vr) (Max)	45V
Current - Average Rectified (Io) (per Diode)	300A
Voltage - Forward (Vf) (Max) @ If	900mV @ 300A
Speed	Fast Recovery =< 500ns, > 200mA (Io)
Reverse Recovery Time (trr)	-
Current - Reverse Leakage @ Vr	10mA @ 45V
Operating Temperature - Junction	-55°C ~ 175°C
Mounting Type	Chassis Mount
Package / Case	TO-244AB
Supplier Device Package	TO-244AB

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## 301CNQ045 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.

## 301CNQ045 Payment Methods



## 301CNQ045 Shipping Methods



If you have any question about 301CNQ045, please do not hesitate to contact us!

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