

**MBRT12045 Information**


For Reference Only

**Part Number** [MBRT12045](#)  
**Manufacturer** GeneSiC Semiconductor  
**Category** Discrete Semiconductor Products  
[Diodes - Rectifiers - Arrays](#)  
**Description** DIODE MODULE 45V 120A 3TOWER  
**Package** Three Tower  
 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.


**MBRT12045 Specifications**

Manufacturer Part Number	<a href="#">MBRT12045</a>
Manufacturer	GeneSiC Semiconductor
Category	Discrete Semiconductor Products <a href="#">Diodes - Rectifiers - Arrays</a>
Package	Three Tower
Series	-
Diode Configuration	1 Pair Common Cathode
Diode Type	Schottky
Voltage - DC Reverse (Vr) (Max)	45V
Current - Average Rectified (Io) (per Diode)	120A (DC)
Voltage - Forward (Vf) (Max) @ If	750mV @ 60A
Speed	Fast Recovery =< 500ns, > 200mA (Io)
Reverse Recovery Time (trr)	-
Current - Reverse Leakage @ Vr	1mA @ 20V
Operating Temperature - Junction	-55°C ~ 150°C
Mounting Type	Chassis Mount
Package / Case	Three Tower
Supplier Device Package	Three Tower

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## MBRT12045 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.

## MBRT12045 Payment Methods



## MBRT12045 Shipping Methods



If you have any question about MBRT12045, please do not hesitate to contact us!

Website: <https://www.heisener.com>

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