

**BTA12-600BW Information**


For Reference Only

**Part Number** [BTA12-600BW](#)  
**Manufacturer** STMicroelectronics  
**Category** Discrete Semiconductor Products  
[Thyristors - TRIACs](#)  
**Description** TRIAC ALTERNISTOR 600V TO220AB  
**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.


**BTA12-600BW Specifications**

|   |  |
|---|--|
| Manufacturer Part Number                              | <a href="#">BTA12-600BW</a>  |
| Manufacturer  | STMicroelectronics   |
| Category  | Discrete Semiconductor Products<br><a href="#">Thyristors - TRIACs</a> |
| Package   | TO-220-3   |
| Series  | Snubberless?   |
| Triac Type  | Alternistor - Snubberless  |
| Voltage - Off State                                   | 600V   |
| Current - On State (It (RMS)) (Max)                   | 12A  |
| Voltage - Gate Trigger (Vgt) (Max)                    | 1.3V   |
| Current - Non Rep. Surge 50, 60Hz (I <sub>tsm</sub> ) | 120A, 126A   |
| Current - Gate Trigger (Igt) (Max)                    | 50mA   |
| Current - Hold (Ih) (Max)                             | 50mA   |
| Configuration   | Single   |
| Operating Temperature                                 | -40°C ~ 125°C (TJ)   |
| Mounting Type   | Through Hole   |
| Package / Case  | TO-220-3   |
| Supplier Device Package                               | TO-220AB   |

[Report errors?](#)

## BTA12-600BW 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.

## BTA12-600BW Payment Methods



## BTA12-600BW Shipping Methods



If you have any question about BTA12-600BW, please do not hesitate to contact us!

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

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