

**CR6FM-12B#BB0 Information**


For Reference Only

**Part Number** [CR6FM-12B#BB0](#)  
**Manufacturer** Renesas Electronics America  
**Category** Discrete Semiconductor Products  
[Thyristors - SCRs](#)  
**Description** TRIAC SENS GATE 600V 9.4A TO220  
**Package** TO-220-3 Full Pack  
 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.


**CR6FM-12B#BB0 Specifications**

|  |  |
|--|--|
| Manufacturer Part Number                 | <a href="#">CR6FM-12B#BB0</a>  |
| Manufacturer                             | Renesas Electronics America  |
| Category                                 | Discrete Semiconductor Products<br><a href="#">Thyristors - SCRs</a> |
| Package                                  | TO-220-3 Full Pack   |
| Series                                   | -  |
| Voltage - Off State                      | 600V   |
| Voltage - Gate Trigger (Vgt) (Max)       | 1V   |
| Current - Gate Trigger (Igt) (Max)       | 10mA   |
| Voltage - On State (Vtm) (Max)           | 1.7V   |
| Current - On State (It (AV)) (Max)       | 6A   |
| Current - On State (It (RMS)) (Max)      | 9.4A   |
| Current - Hold (Ih) (Max)                | 15mA   |
| Current - Off State (Max)                | 2mA  |
| Current - Non Rep. Surge 50, 60Hz (Itsm) | 90A @ 60Hz   |
| SCR Type                                 | Standard Recovery  |
| Operating Temperature                    | -40°C ~ 150°C (TJ)   |
| Mounting Type                            | Through Hole   |
| Package / Case                           | TO-220-3 Full Pack   |
| Supplier Device Package                  | TO-220FP   |

[Report errors?](#)

## CR6FM-12B#BB0 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.

## CR6FM-12B#BB0 Payment Methods



## CR6FM-12B#BB0 Shipping Methods



If you have any question about CR6FM-12B#BB0, please do not hesitate to contact us!

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