

## **BT138-600D,127 Information**



For Reference Only

Part Number BT138-600D,127

Manufacturer WeEn Semiconductors

Category Discrete Semiconductor Products

Thyristors - TRIACs

**Description** TRIAC SENS GATE 600V 12A TO220AB

Package TO-220-3

For the pricing/inventory/lead time, please contact

us

Website: https://www.heisener.com E-mail: 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.









# BT138-600D,127 Specifications

Manufacturer Part Number  Manufacturer  WeEn Semiconductors  Discrete Semiconductor Products  Thyristors - TRIACs  Package  TO-220-3  Series  - Triac Type  Logic - Sensitive Gate  Voltage - Off State  600V  Current - On State (It (RMS)) (Max)  Voltage - Gate Trigger (Vgt) (Max)  Current - Non Rep. Surge 50, 60Hz (Itsm)  Current - Gate Trigger (Igt) (Max)  Current - Hold (Ih) (Max)  Configuration  Operating Temperature  MeEn Semiconductors  WeEn Semiconductors  WeEn Semiconductors  Discrete Semiconductors  Thyristors - TRIACs  To-220-3  Edge (GoV  Logic - Sensitive Gate  600V  Logic - Sensitive Gate  600V  Logic - Sensitive Gate  600V  Current - On State (It (RMS)) (Max)  12A  Voltage - Gate Trigger (Vgt) (Max)  5nA  Current - Hold (Ih) (Max)  Through Hole		
Category  Discrete Semiconductor Products Thyristors - TRIACs  Package TO-220-3  Series - Triac Type Logic - Sensitive Gate  Voltage - Off State Current - On State (It (RMS)) (Max) 12A  Voltage - Gate Trigger (Vgt) (Max) 1.5V  Current - Non Rep. Surge 50, 60Hz (Itsm) 95A, 105A  Current - Gate Trigger (Igt) (Max)  Current - Hold (Ih) (Max)  Current - Hold (Ih) (Max)  Configuration Single Operating Temperature  Discrete Semiconductor Products Thyristors - TRIACs  TO-220-3  Series  - TO-220-3  Series - TO-220-3  Sensitive Gate  600V  12A  1.5V  Current - On State (It (RMS)) (Max) 55A  Current - Non Rep. Surge 50, 60Hz (Itsm) 55A  Current - Gate Trigger (Igt) (Max) 55BA  Current - Hold (Ih) (Max) 10mA  Configuration 125°C (TJ)	Manufacturer Part Number	BT138-600D,127
Thyristors - TRIACs  Package TO-220-3  Series - Triac Type Logic - Sensitive Gate  Voltage - Off State Current - On State (It (RMS)) (Max) 12A  Voltage - Gate Trigger (Vgt) (Max) 1.5V  Current - Non Rep. Surge 50, 60Hz (Itsm) 95A, 105A  Current - Gate Trigger (Igt) (Max)  Current - Hold (Ih) (Max)  Current - Hold (Ih) (Max)  Configuration Single Operating Temperature 125°C (TJ)	Manufacturer	WeEn Semiconductors
Package TO-220-3  Series -  Triac Type Logic - Sensitive Gate  Voltage - Off State 600V  Current - On State (It (RMS)) (Max) 12A  Voltage - Gate Trigger (Vgt) (Max) 1.5V  Current - Non Rep. Surge 50, 60Hz (Itsm) 95A, 105A  Current - Gate Trigger (Igt) (Max) 5mA  Current - Hold (Ih) (Max) 10mA  Configuration Single  Operating Temperature 125°C (TJ)	Category	Discrete Semiconductor Products
Series - Triac Type Logic - Sensitive Gate  Voltage - Off State 600V  Current - On State (It (RMS)) (Max) 12A  Voltage - Gate Trigger (Vgt) (Max) 1.5V  Current - Non Rep. Surge 50, 60Hz (Itsm) 95A, 105A  Current - Gate Trigger (Igt) (Max) 5mA  Current - Hold (Ih) (Max) 10mA  Configuration Single  Operating Temperature 125°C (TJ)		Thyristors - TRIACs
Triac Type  Logic - Sensitive Gate  Voltage - Off State  Current - On State (It (RMS)) (Max)  12A  Voltage - Gate Trigger (Vgt) (Max)  1.5V  Current - Non Rep. Surge 50, 60Hz (Itsm)  Current - Gate Trigger (Igt) (Max)  5mA  Current - Hold (Ih) (Max)  Configuration  Single  Operating Temperature	Package	TO-220-3
Voltage - Off State600VCurrent - On State (It (RMS)) (Max)12AVoltage - Gate Trigger (Vgt) (Max)1.5VCurrent - Non Rep. Surge 50, 60Hz (Itsm)95A, 105ACurrent - Gate Trigger (Igt) (Max)5mACurrent - Hold (Ih) (Max)10mAConfigurationSingleOperating Temperature125°C (TJ)	Series	-
Current - On State (It (RMS)) (Max)  Voltage - Gate Trigger (Vgt) (Max)  1.5V  Current - Non Rep. Surge 50, 60Hz (Itsm)  Current - Gate Trigger (Igt) (Max)  5mA  Current - Hold (Ih) (Max)  10mA  Configuration  Single  Operating Temperature	Triac Type	Logic - Sensitive Gate
Voltage - Gate Trigger (Vgt) (Max)  Current - Non Rep. Surge 50, 60Hz (Itsm)  95A, 105A  Current - Gate Trigger (Igt) (Max)  5mA  Current - Hold (Ih) (Max)  10mA  Configuration  Single  Operating Temperature  125°C (TJ)	Voltage - Off State	600V
Current - Non Rep. Surge 50, 60Hz (Itsm)  95A, 105A  Current - Gate Trigger (Igt) (Max)  5mA  Current - Hold (Ih) (Max)  10mA  Configuration  Single  Operating Temperature  125°C (TJ)	Current - On State (It (RMS)) (Max)	12A
Current - Gate Trigger (Igt) (Max)  Current - Hold (Ih) (Max)  Configuration  Single  Operating Temperature  125°C (TJ)	Voltage - Gate Trigger (Vgt) (Max)	1.5V
Current - Hold (Ih) (Max) 10mA Configuration Single Operating Temperature 125°C (TJ)	Current - Non Rep. Surge 50, 60Hz (Itsm)	95A, 105A
Configuration Single Operating Temperature 125°C (TJ)	Current - Gate Trigger (Igt) (Max)	5mA
Operating Temperature 125°C (TJ)	Current - Hold (Ih) (Max)	10mA
	Configuration	Single
Mounting Type Through Hole	Operating Temperature	125°C (TJ)
	Mounting Type	Through Hole
Package / Case TO-220-3	Package / Case	TO-220-3
Supplier Device Package TO-220AB	Supplier Device Package	TO-220AB
Report errors?		Report errors?

### BT138-600D,127 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.

### BT138-600D,127 Payment Methods









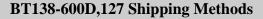
























If you have any question about BT138-600D,127, please do not hesitate to contact us!

Website: https://www.heisener.com E-mail: salesdept@heisener.com