



## **BTA10-600BRG Information**



For Reference Only

Part Number BTA10-600BRG
Manufacturer STMicroelectronics

Category Discrete Semiconductor Products

Thyristors - TRIACs

**Description** TRIAC 600V 10A 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.









# **BTA10-600BRG Specifications**

Manufacturer Part NumberBTA10-600BRGManufacturerSTMicroelectronicsCategoryDiscrete Semiconductor ProductsPackageTO-220-3Series-Triac TypeStandardVoltage - Off State600VCurrent - On State (It (RMS)) (Max)10AVoltage - Gate Trigger (Vgt) (Max)1.3VCurrent - Non Rep. Surge 50, 60Hz (Itsm)100A, 105ACurrent - Gate Trigger (Igt) (Max)50mACurrent - Hold (Ih) (Max)50mAConfigurationSingleOperating Temperature-40°C ~ 125°C (TJ)Mounting TypeThrough HolePackage / CaseTO-220-3Supplier Device PackageTO-220AB		
Category  Discrete Semiconductor Products Thyristors - TRIACs  Package TO-220-3  Series - Triac Type Standard  Voltage - Off State 600V  Current - On State (It (RMS)) (Max) 10A  Voltage - Gate Trigger (Vgt) (Max) 1.3V  Current - Non Rep. Surge 50, 60Hz (Itsm) 100A, 105A  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	Manufacturer Part Number	BTA10-600BRG
Package TO-220-3  Series - Carrent - On State (It (RMS)) (Max) 10A  Voltage - Gate Trigger (Vgt) (Max) 1.3V  Current - Non Rep. Surge 50, 60Hz (Itsm) 100A, 105A  Current - Gate Trigger (Igt) (Max) 50mA  Current - Hold (Ih) (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	Manufacturer	STMicroelectronics
Package TO-220-3  Series - Triac Type Standard  Voltage - Off State 600V  Current - On State (It (RMS)) (Max) 10A  Voltage - Gate Trigger (Vgt) (Max) 1.3V  Current - Non Rep. Surge 50, 60Hz (Itsm) 100A, 105A  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	Category	Discrete Semiconductor Products
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Voltage - Off State  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)  Current - Hold (Ih) (Max)  Configuration  Single  Operating Temperature  -40°C ~ 125°C (TJ)  Mounting Type  Through Hole  Package / Case  TO-220-3  Supplier Device Package	Series	-
Current - On State (It (RMS)) (Max)  Voltage - Gate Trigger (Vgt) (Max)  Current - Non Rep. Surge 50, 60Hz (Itsm)  100A, 105A  Current - Gate Trigger (Igt) (Max)  Current - Hold (Ih) (Max)  Configuration  Single  Operating Temperature  -40°C ~ 125°C (TJ)  Mounting Type  Through Hole  Package / Case  TO-220-3  Supplier Device Package	Triac Type	Standard
Voltage - Gate Trigger (Vgt) (Max)  Current - Non Rep. Surge 50, 60Hz (Itsm)  Current - Gate Trigger (Igt) (Max)  Current - Hold (Ih) (Max)  Configuration  Single  Operating Temperature  -40°C ~ 125°C (TJ)  Mounting Type  Through Hole  Package / Case  TO-220-3  Supplier Device Package	Voltage - Off State	600V
Current - Non Rep. Surge 50, 60Hz (Itsm)  Current - Gate Trigger (Igt) (Max)  Current - Hold (Ih) (Max)  Configuration  Single  Operating Temperature  -40°C ~ 125°C (TJ)  Mounting Type  Through Hole  Package / Case  TO-220-3  Supplier Device Package	Current - On State (It (RMS)) (Max)	10A
Current - Gate Trigger (Igt) (Max)  Current - Hold (Ih) (Max)  Configuration  Single  Operating Temperature  -40°C ~ 125°C (TJ)  Mounting Type  Through Hole  Package / Case  TO-220-3  Supplier Device Package	Voltage - Gate Trigger (Vgt) (Max)	1.3V
Current - Hold (Ih) (Max)  Configuration  Single  Operating Temperature  -40°C ~ 125°C (TJ)  Mounting Type  Through Hole  Package / Case  TO-220-3  Supplier Device Package	Current - Non Rep. Surge 50, 60Hz (Itsm)	100A, 105A
ConfigurationSingleOperating Temperature-40°C ~ 125°C (TJ)Mounting TypeThrough HolePackage / CaseTO-220-3Supplier Device PackageTO-220AB	Current - Gate Trigger (Igt) (Max)	50mA
Operating Temperature  -40°C ~ 125°C (TJ)  Mounting Type  Through Hole  Package / Case  TO-220-3  Supplier Device Package  TO-220AB	Current - Hold (Ih) (Max)	50mA
Mounting Type Through Hole Package / Case TO-220-3 Supplier Device Package TO-220AB	Configuration	Single
Package / Case TO-220-3 Supplier Device Package TO-220AB	Operating Temperature	-40°C ~ 125°C (TJ)
Supplier Device Package TO-220AB	Mounting Type	Through Hole
	Package / Case	TO-220-3
D	Supplier Device Package	TO-220AB
Report errors?		Report errors?

### **BTA10-600BRG 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.

## **BTA10-600BRG Payment Methods**



















## **BTA10-600BRG Shipping Methods**













If you have any question about BTA10-600BRG, please do not hesitate to contact us!

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