



BTB16-800CWRG Information



For Reference Only

Part Number BTB16-800CWRG **Manufacturer** STMicroelectronics

Category Discrete Semiconductor Products

Thyristors - TRIACs

Description TRIAC ALTERNISTOR 800V TO220AB

Package TO-220-3

For the pricing/inventory/lead time, please contact

us

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









BTB16-800CWRG Specifications

Manufacturer Part NumberBTB 16-800CWRGManufacturerSTMicroelectronicsCategoryDiscrete Semiconductor ProductsPackageTO-220-3SeriesSnubberless?Triac TypeAlternistor - SnubberlessVoltage - Off State800VCurrent - On State (It (RMS)) (Max)16AVoltage - Gate Trigger (Vgt) (Max)1.3VCurrent - Non Rep. Surge 50, 60Hz (Itsm)160A, 168ACurrent - Hold (Ih) (Max)35mACurrent - Hold (Ih) (Max)35mAConfigurationSingleOperating 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 Snubberless? Triac Type Alternistor - Snubberless Voltage - Off State 800V Current - On State (It (RMS)) (Max) 16A Voltage - Gate Trigger (Vgt) (Max) 1.3V Current - Non Rep. Surge 50, 60Hz (Itsm) 160A, 168A Current - Gate Trigger (Igt) (Max) 35mA Current - Hold (Ih) (Max) 35mA 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	BTB16-800CWRG
Thyristors - TRIACs Package TO-220-3 Series Snubberless? Triac Type Alternistor - Snubberless Voltage - Off State 800V Current - On State (It (RMS)) (Max) 16A Voltage - Gate Trigger (Vgt) (Max) 1.3V Current - Non Rep. Surge 50, 60Hz (Itsm) 160A, 168A Current - Gate Trigger (Igt) (Max) 35mA Current - Hold (Ih) (Max) 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 Snubberless? Triac Type Alternistor - Snubberless Voltage - Off State 800V Current - On State (It (RMS)) (Max) 16A Voltage - Gate Trigger (Vgt) (Max) 1.3V Current - Non Rep. Surge 50, 60Hz (Itsm) 160A, 168A Current - Gate Trigger (Igt) (Max) 35mA Current - Hold (Ih) (Max) 35mA Current - Hold (Ih) (Max) 35mA 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
Series Snubberless? Triac Type Alternistor - Snubberless Voltage - Off State 800V Current - On State (It (RMS)) (Max) 16A Voltage - Gate Trigger (Vgt) (Max) 1.3V Current - Non Rep. Surge 50, 60Hz (Itsm) 160A, 168A Current - Gate Trigger (Igt) (Max) 35mA Current - Hold (Ih) (Max) 35mA Current - Hold (Ih) (Max) Single Operating Temperature -40°C ~ 125°C (TJ) Mounting Type Through Hole Package / Case TO-220-3 Supplier Device Package TO-220AB		Thyristors - TRIACs
Triac Type Alternistor - Snubberless Voltage - Off State 800V Current - On State (It (RMS)) (Max) 16A Voltage - Gate Trigger (Vgt) (Max) 1.3V Current - Non Rep. Surge 50, 60Hz (Itsm) 160A, 168A Current - Gate Trigger (Igt) (Max) 35mA Current - Hold (Ih) (Max) 35mA Configuration Single Operating Temperature -40°C ~ 125°C (TJ) Mounting Type Through Hole Package / Case TO-220-3 Supplier Device Package	Package	TO-220-3
Voltage - Off State Current - On State (It (RMS)) (Max) 16A Voltage - Gate Trigger (Vgt) (Max) 1.3V Current - Non Rep. Surge 50, 60Hz (Itsm) 160A, 168A Current - Gate Trigger (Igt) (Max) 35mA Current - Hold (Ih) (Max) 35mA Configuration Single Operating Temperature -40°C ~ 125°C (TJ) Mounting Type Through Hole Package / Case TO-220-3 Supplier Device Package	Series	Snubberless?
Current - On State (It (RMS)) (Max) Voltage - Gate Trigger (Vgt) (Max) Current - Non Rep. Surge 50, 60Hz (Itsm) 160A, 168A 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 TO-220AB	Triac Type	Alternistor - Snubberless
Voltage - Gate Trigger (Vgt) (Max) Current - Non Rep. Surge 50, 60Hz (Itsm) 160A, 168A Current - Gate Trigger (Igt) (Max) 35mA Current - Hold (Ih) (Max) Single Operating Temperature -40°C ~ 125°C (TJ) Mounting Type Through Hole Package / Case TO-220-3 Supplier Device Package TO-220AB	Voltage - Off State	800V
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)	16A
Current - Gate Trigger (Igt) (Max) Current - Hold (Ih) (Max) Single Operating Temperature Operating Type 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 TO-220AB	Current - Non Rep. Surge 50, 60Hz (Itsm)	160A, 168A
ConfigurationSingleOperating Temperature-40°C ~ 125°C (TJ)Mounting TypeThrough HolePackage / CaseTO-220-3Supplier Device PackageTO-220AB	Current - Gate Trigger (Igt) (Max)	35mA
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)	35mA
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
Report errors?	Supplier Device Package	TO-220AB
		Report errors?

BTB16-800CWRG 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.

BTB16-800CWRG Payment Methods





















BTB16-800CWRG Shipping Methods













If you have any question about BTB16-800CWRG, please do not hesitate to contact us!

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