

# Q6006LH3TP

# **Q6006LH3TP Information**



For Reference Only

Part Number	Q6006LH3TP	
Manufacturer	Littelfuse Inc.	
Category	Discrete Semiconductor Products Thyristors - TRIACs	
Description	TRIAC ALTERNISTOR 600V 6A TO220	
Package	TO-220-3 Isolated Tab	
	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.



# **Q6006LH3TP Specifications**

Manufacturer Part NumberQ6006LH3TPManufacturerLittelfuse Inc.CategoryDiscrete Semiconductor ProductsThyristors - TRIACsThyristors - TRIACsPackageTO-220-3 Isolated TabSeries-Triac TypeAlternistor - SnubberlessVoltage - Off State600VCurrent - On State (It (RMS)) (Max)6AVoltage - Gate Trigger (Vgt) (Max)1.3VCurrent - Non Rep. Surge 50, 60Hz (Itsm)80A, 85ACurrent - Hold (Ih) (Max)IsmACurrent - Hold (Ih) (Max)SingleOperating Temperature40°C ~ 125°C (TJ)Mounting TypeThrough HolePackage / CaseTO-220-3 Isolated TabSupplier Device PackageTO-220-3 Isolated Tab		
CategoryDiscrete Semiconductor ProductsThyristors - TRIACsPackageTO-220-3 Isolated TabSeries-Triac TypeAlternistor - SnubberlessVoltage - Off State600VCurrent - On State (It (RMS)) (Max)6AVoltage - Gate Trigger (Vgt) (Max)1.3VCurrent - Non Rep. Surge 50, 60Hz (Itsm)10mACurrent - Hold (Ih) (Max)15mAConfigurationSingleOperating Temperature-40°C ~ 125°C (TJ)Mounting TypeThough HolePackage / CaseTO-220AB-LSupplier Device PackageTO-220AB-L	Manufacturer Part Number	Q6006LH3TP
Thyristors - TRIACsPackageTO-220-3 Isolated TabSeries-Triac TypeAlternistor - SnubberlessVoltage - Off State600VCurrent - On State (It (RMS)) (Max)6AVoltage - Gate Trigger (Vgt) (Max)1.3VCurrent - Non Rep. Surge 50, 60Hz (Itsm)80A, 85ACurrent - Gate Trigger (Igt) (Max)10mACurrent - Hold (Ih) (Max)15mAConfigurationSingleOperating Temperature-40°C ~ 125°C (TJ)Mounting TypeThrough HolePackage / CaseTO-220AB-LSupplier Device PackageTO-220AB-L	Manufacturer	Littelfuse Inc.
PackageTO-220-3 Isolated TabSeries-Triac TypeAlternistor - SnubberlessVoltage - Off State600VCurrent - On State (It (RMS)) (Max)6AVoltage - Gate Trigger (Vgt) (Max)1.3VCurrent - Non Rep. Surge 50, 60Hz (Itsm)80A, 85ACurrent - Gate Trigger (Igt) (Max)10mACurrent - Hold (Ih) (Max)15mAConfigurationSingleOperating Temperature-40°C ~ 125°C (TJ)Mounting TypeThough HolePackage / CaseTO-220 Alsolated TabSupplier Device PackageTO-220 AB-L	Category	Discrete Semiconductor Products
Series-StriesAlternistor - SnubberlessTriac TypeAlternistor - SnubberlessVoltage - Off State600VCurrent - On State (It (RMS)) (Max)6AVoltage - Gate Trigger (Vgt) (Max)1.3VCurrent - Non Rep. Surge 50, 60Hz (Itsm)80A, 85ACurrent - Gate Trigger (Igt) (Max)10mACurrent - Gate Trigger (Igt) (Max)15mAConfigurationSingleOperating Temperature-40°C ~ 125°C (TJ)Mounting TypeThrough HolePackage / CaseTO-220-3 Isolated TabSupplier Device PackageTO-220AB-L		Thyristors - TRIACs
Triac TypeAlternistor - SnubberlessVoltage - Off State600VCurrent - On State (It (RMS)) (Max)6AVoltage - Gate Trigger (Vgt) (Max)1.3VCurrent - Non Rep. Surge 50, 60Hz (Itsm)80A, 85ACurrent - Gate Trigger (Igt) (Max)10mACurrent - Gate Trigger (Igt) (Max)15mAConfigurationSingleOperating Temperature-40°C ~ 125°C (TJ)Mounting TypeThrough HoleSupplier Device PackageTO-220AB-L	Package	TO-220-3 Isolated Tab
Voltage - Off State600VCurrent - On State (It (RMS)) (Max)6AVoltage - Gate Trigger (Vgt) (Max)1.3VCurrent - Non Rep. Surge 50, 60Hz (Itsm)80A, 85ACurrent - Gate Trigger (Igt) (Max)10mACurrent - Hold (Ih) (Max)15mAConfigurationSingleOperating Temperature-40°C ~ 125°C (TJ)Mounting TypeThrough HolePackage / CaseTO-220A B-LSupplier Device PackageTO-220AB-L	Series	-
Current - On State (It (RMS)) (Max)6AVoltage - Gate Trigger (Vgt) (Max)1.3VCurrent - Non Rep. Surge 50, 60Hz (Itsm)80A, 85ACurrent - Gate Trigger (Igt) (Max)10mACurrent - Hold (Ih) (Max)15mAConfigurationSingleOperating Temperature-40°C ~ 125°C (TJ)Mounting TypeThrough HolePackage / CaseTO-220-3 Isolated TabSupplier Device PackageTO-220AB-L	Triac Type	Alternistor - Snubberless
Voltage - Gate Trigger (Vgt) (Max)1.3VCurrent - Non Rep. Surge 50, 60Hz (Itsm)80A, 85ACurrent - Gate Trigger (Igt) (Max)10mACurrent - Hold (Ih) (Max)15mAConfigurationSingleOperating Temperature-40°C ~ 125°C (TJ)Mounting TypeThrough HolePackage / CaseTO-220-3 Isolated TabSupplier Device PackageTO-220AB-L	Voltage - Off State	600V
Current - Non Rep. Surge 50, 60Hz (Itsm)80A, 85ACurrent - Gate Trigger (Igt) (Max)10mACurrent - Hold (Ih) (Max)15mAConfigurationSingleOperating Temperature-40°C ~ 125°C (TJ)Mounting TypeThrough HolePackage / CaseTO-220-3 Isolated TabSupplier Device PackageTO-220AB-L	Current - On State (It (RMS)) (Max)	6A
Current - Gate Trigger (Igt) (Max)10mACurrent - Hold (Ih) (Max)15mAConfigurationSingleOperating Temperature-40°C ~ 125°C (TJ)Mounting TypeThrough HolePackage / CaseTO-220-3 Isolated TabSupplier Device PackageTO-220AB-L	Voltage - Gate Trigger (Vgt) (Max)	1.3V
Current - Hold (Ih) (Max)15mAConfigurationSingleOperating Temperature-40°C ~ 125°C (TJ)Mounting TypeThrough HolePackage / CaseTO-220-3 Isolated TabSupplier Device PackageTO-220AB-L	Current - Non Rep. Surge 50, 60Hz (Itsm)	80A, 85A
ConfigurationSingleOperating Temperature-40°C ~ 125°C (TJ)Mounting TypeThrough HolePackage / CaseTO-220-3 Isolated TabSupplier Device PackageTO-220AB-L	Current - Gate Trigger (Igt) (Max)	10mA
Operating Temperature-40°C ~ 125°C (TJ)Mounting TypeThrough HolePackage / CaseTO-220-3 Isolated TabSupplier Device PackageTO-220AB-L	Current - Hold (Ih) (Max)	15mA
Mounting TypeThrough HolePackage / CaseTO-220-3 Isolated TabSupplier Device PackageTO-220AB-L	Configuration	Single
Package / CaseTO-220-3 Isolated TabSupplier Device PackageTO-220AB-L	Operating Temperature	-40°C ~ 125°C (TJ)
Supplier Device Package TO-220AB-L	Mounting Type	Through Hole
	Package / Case	TO-220-3 Isolated Tab
Report errors?	Supplier Device Package	TO-220AB-L
•		Report errors?

### **Q6006LH3TP** 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.

### **Q6006LH3TP Payment Methods**





If you have any question about Q6006LH3TP, please do not hesitate to contact us! Website: https://www.heisener.com E-mail: salesdept@heisener.com