



Q6016NH3TP Information



For Reference Only

Part Number Q6016NH3TP **Manufacturer** Littelfuse Inc.

Category Discrete Semiconductor Products

Thyristors - TRIACs

DescriptionTRIAC ALTERNISTOR 600V 16A TO263**Package**TO-263-3, D2Pak (2 Leads + Tab), TO-263AB

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.









Q6016NH3TP Specifications

Manufacturer Part NumberQ6016NH3TPManufacturerLittelfuse Inc.CategoryDiscrete Semiconductor ProductsThyristors - TRIACsPackageTO-263-3, D2Pak (2 Leads + Tab), TO-263ABSeries-Triac TypeAlternistor - SnubberlessVoltage - Off State600VCurrent - On State (It (RMS)) (Max)16AVoltage - Gate Trigger (Vgt) (Max)1.3VCurrent - Non Rep. Surge 50, 60Hz (Itsm)167A, 200ACurrent - Gate Trigger (Igt) (Max)20mACurrent - Hold (Ih) (Max)35mAConfigurationSingleOperating Temperature-40°C ~ 125°C (TJ)Mounting TypeSurface MountPackage / CaseTO-263-3, D2Pak (2 Leads + Tab), TO-263ABSupplier Device PackageTO-263 (D2Pak)	Quotor (110 11 Specimentons	
Category Discrete Semiconductor Products Thyristors - TRIACs Package TO-263-3, D2Pak (2 Leads + Tab), TO-263AB Series - Triac Type Alternistor - Snubberless Voltage - Off State 600V Current - On State (It (RMS)) (Max) 16A Voltage - Gate Trigger (Vgt) (Max) 1.3V Current - Non Rep. Surge 50, 60Hz (Itsm) 167A, 200A Current - Gate Trigger (Igt) (Max) 20mA Current - Hold (Ih) (Max) 35mA Configuration Operating Temperature -40°C ~ 125°C (TJ) Mounting Type Surface Mount Package / Case TO-263-3, D2Pak (2 Leads + Tab), TO-263AB Supplier Device Package TO-263 (D2Pak)	Manufacturer Part Number	Q6016NH3TP
Thyristors - TRIACs Package TO-263-3, D2Pak (2 Leads + Tab), TO-263AB Series - Triac Type Alternistor - Snubberless Voltage - Off State 600V Current - On State (It (RMS)) (Max) 16A Voltage - Gate Trigger (Vgt) (Max) 1.3V Current - Non Rep. Surge 50, 60Hz (Itsm) 167A, 200A Current - Gate Trigger (Igt) (Max) 20mA Current - Hold (Ih) (Max) 35mA Configuration Single Operating Temperature -40°C ~ 125°C (TJ) Mounting Type Surface Mount Package / Case TO-263-3, D2Pak (2 Leads + Tab), TO-263AB Supplier Device Package TO-263 (D2Pak)	Manufacturer	Littelfuse Inc.
Package TO-263-3, D2Pak (2 Leads + Tab), TO-263AB Series - Triac Type Alternistor - Snubberless Voltage - Off State 600V Current - On State (It (RMS)) (Max) 16A Voltage - Gate Trigger (Vgt) (Max) 1.3V Current - Non Rep. Surge 50, 60Hz (Itsm) 167A, 200A Current - Gate Trigger (Igt) (Max) 20mA Current - Hold (Ih) (Max) 35mA Configuration Single Operating Temperature -40°C ~ 125°C (TJ) Mounting Type Surface Mount Package / Case TO-263-3, D2Pak (2 Leads + Tab), TO-263AB Supplier Device Package	Category	Discrete Semiconductor Products
Series - Triac Type Alternistor - Snubberless Voltage - Off State 600V Current - On State (It (RMS)) (Max) 16A Voltage - Gate Trigger (Vgt) (Max) 1.3V Current - Non Rep. Surge 50, 60Hz (Itsm) 167A, 200A Current - Gate Trigger (Igt) (Max) 20mA Current - Hold (Ih) (Max) 35mA Configuration Single Operating Temperature -40°C ~ 125°C (TJ) Mounting Type Surface Mount Package / Case TO-263-3, D2Pak (2 Leads + Tab), TO-263AB Supplier Device Package TO-263 (D2Pak)		Thyristors - TRIACs
Triac Type Alternistor - Snubberless Voltage - Off State 600V Current - On State (It (RMS)) (Max) 16A Voltage - Gate Trigger (Vgt) (Max) 1.3V Current - Non Rep. Surge 50, 60Hz (Itsm) 167A, 200A Current - Gate Trigger (Igt) (Max) 20mA Current - Hold (Ih) (Max) 35mA Configuration Single Operating Temperature -40°C ~ 125°C (TJ) Mounting Type Surface Mount Package / Case TO-263-3, D2Pak (2 Leads + Tab), TO-263AB Supplier Device Package TO-263 (D2Pak)	Package	TO-263-3, D2Pak (2 Leads + Tab), TO-263AB
Voltage - Off State Current - On State (It (RMS)) (Max) 16A Voltage - Gate Trigger (Vgt) (Max) 1.3V Current - Non Rep. Surge 50, 60Hz (Itsm) 167A, 200A Current - Gate Trigger (Igt) (Max) 20mA Current - Hold (Ih) (Max) 35mA Configuration Single Operating Temperature -40°C ~ 125°C (TJ) Mounting Type Surface Mount Package / Case TO-263-3, D2Pak (2 Leads + Tab), TO-263AB Supplier Device Package TO-263 (D2Pak)	Series	-
Current - On State (It (RMS)) (Max) Voltage - Gate Trigger (Vgt) (Max) 1.3V Current - Non Rep. Surge 50, 60Hz (Itsm) 167A, 200A Current - Gate Trigger (Igt) (Max) Current - Hold (Ih) (Max) Current - Hold (Ih) (Max) Single Operating Temperature -40°C ~ 125°C (TJ) Mounting Type Surface Mount Package / Case TO-263-3, D2Pak (2 Leads + Tab), TO-263AB Supplier Device Package TO-263 (D2Pak)	Triac Type	Alternistor - Snubberless
Voltage - Gate Trigger (Vgt) (Max) Current - Non Rep. Surge 50, 60Hz (Itsm) 167A, 200A Current - Gate Trigger (Igt) (Max) Current - Hold (Ih) (Max) Configuration Single Operating Temperature -40°C ~ 125°C (TJ) Mounting Type Surface Mount Package / Case TO-263-3, D2Pak (2 Leads + Tab), TO-263AB Supplier Device Package TO-263 (D2Pak)	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 Surface Mount Package / Case TO-263-3, D2Pak (2 Leads + Tab), TO-263AB Supplier Device Package TO-263 (D2Pak)	Current - On State (It (RMS)) (Max)	16A
Current - Gate Trigger (Igt) (Max) Current - Hold (Ih) (Max) Single Operating Temperature -40°C ~ 125°C (TJ) Mounting Type Surface Mount Package / Case TO-263-3, D2Pak (2 Leads + Tab), TO-263AB Supplier Device Package TO-263 (D2Pak)	Voltage - Gate Trigger (Vgt) (Max)	1.3V
Current - Hold (Ih) (Max) Configuration Single Operating Temperature -40°C ~ 125°C (TJ) Mounting Type Surface Mount Package / Case TO-263-3, D2Pak (2 Leads + Tab), TO-263AB Supplier Device Package TO-263 (D2Pak)	Current - Non Rep. Surge 50, 60Hz (Itsm)	167A, 200A
Configuration Single Operating Temperature -40°C ~ 125°C (TJ) Mounting Type Surface Mount Package / Case TO-263-3, D2Pak (2 Leads + Tab), TO-263AB Supplier Device Package TO-263 (D2Pak)	Current - Gate Trigger (Igt) (Max)	20mA
Operating Temperature -40°C ~ 125°C (TJ) Mounting Type Surface Mount Package / Case TO-263-3, D2Pak (2 Leads + Tab), TO-263AB Supplier Device Package TO-263 (D2Pak)	Current - Hold (Ih) (Max)	35mA
Mounting Type Surface Mount Package / Case TO-263-3, D2Pak (2 Leads + Tab), TO-263AB Supplier Device Package TO-263 (D2Pak)	Configuration	Single
Package / Case TO-263-3, D2Pak (2 Leads + Tab), TO-263AB Supplier Device Package TO-263 (D2Pak)	Operating Temperature	-40°C ~ 125°C (TJ)
Supplier Device Package TO-263 (D2Pak)	Mounting Type	Surface Mount
	Package / Case	TO-263-3, D2Pak (2 Leads + Tab), TO-263AB
Report errors?	Supplier Device Package	TO-263 (D2Pak)
Report cross:		Report errors?

Q6016NH3TP 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.

Q6016NH3TP Payment Methods





















Q6016NH3TP Shipping Methods













If you have any question about Q6016NH3TP, please do not hesitate to contact us!

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