

TN805-600H Information



For Reference Only

Part Number TN805-600H

Manufacturer STMicroelectronics

Category Discrete Semiconductor Products

Thyristors - SCRs

Description SCR 8A 5MA 600V IPAK

Package TO-251-3 Short Leads, IPak, TO-251AA

For the pricing/inventory/lead time, please contact

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



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TN805-600H Specifications

Manufacturer Part Number TN805-600H Manufacturer STMicroelectronics Category Discrete Semiconductor Products Package TO-251-3 Short Leads, IPak, TO-251AA Series - Voltage - Off State 600V Voltage - Gate Trigger (Vgt) (Max) 1.3V Current - Gate Trigger (Igt) (Max) 5mA Voltage - On State (Vtm) (Max) 1.6V Current - On State (It (AV)) (Max) 5A Current - On State (It (RMS)) (Max) 8A Current - Hold (Ih) (Max) 25mA Current - Off State (Max) 5μA Current - Non Rep. Surge 50, 60Hz (Itsm) 70A, 73A SCR Type Standard Recovery Operating Temperature -40°C ~ 125°C Mounting Type Through Hole Package / Case TO-251-3 Short Leads, IPak, TO-251AA Supplier Device Package I-Pak		
Category Discrete Semiconductor Products Thyristors - SCRs Package TO-251-3 Short Leads, IPak, TO-251AA Series - Voltage - Off State Voltage - Gate Trigger (Vgt) (Max) Current - Gate Trigger (Igt) (Max) Voltage - On State (Vtm) (Max) 1.6V Current - On State (It (AV)) (Max) 5A Current - On State (It (RMS)) (Max) 8A Current - Hold (Ih) (Max) 25mA Current - Hold (Ih) (Max) 5µA Current - Non Rep. Surge 50, 60Hz (Itsm) 70A, 73A SCR Type Standard Recovery Operating Temperature Mounting Type Through Hole Package / Case TO-251-3 Short Leads, IPak, TO-251AA I-Pak	Manufacturer Part Number	TN805-600H
PackageThyristors - SCRsSeries-Voltage - Off State600VVoltage - Gate Trigger (Vgt) (Max)1.3VCurrent - Gate Trigger (Igt) (Max)5mAVoltage - On State (Vtm) (Max)1.6VCurrent - On State (It (AV)) (Max)5ACurrent - On State (It (RMS)) (Max)8ACurrent - Hold (Ih) (Max)25mACurrent - Off State (Max)5μACurrent - Non Rep. Surge 50, 60Hz (Itsm)70A, 73ASCR TypeStandard RecoveryOperating Temperature-40°C ~ 125°CMounting TypeThrough HolePackage / CaseTO-251-3 Short Leads, IPak, TO-251AASupplier Device PackageI-Pak	Manufacturer	STMicroelectronics
PackageTO-251-3 Short Leads, IPak, TO-251AASeries-Voltage - Off State600VVoltage - Gate Trigger (Vgt) (Max)1.3VCurrent - Gate Trigger (Igt) (Max)5mAVoltage - On State (Vtm) (Max)1.6VCurrent - On State (It (AV)) (Max)5ACurrent - On State (It (RMS)) (Max)8ACurrent - Hold (Ih) (Max)25mACurrent - Off State (Max)5μACurrent - Non Rep. Surge 50, 60Hz (Itsm)70A, 73ASCR TypeStandard RecoveryOperating Temperature-40°C ~ 125°CMounting TypeThrough HolePackage / CaseTO-251-3 Short Leads, IPak, TO-251AASupplier Device PackageI-Pak	Category	Discrete Semiconductor Products
Series-Voltage - Off State600 VVoltage - Gate Trigger (Vgt) (Max)1.3 VCurrent - Gate Trigger (Igt) (Max)5mAVoltage - On State (Vtm) (Max)1.6 VCurrent - On State (It (AV)) (Max)5ACurrent - On State (It (RMS)) (Max)8ACurrent - Hold (Ih) (Max)25mACurrent - Off State (Max)5μACurrent - Non Rep. Surge 50, 60Hz (Itsm)70A, 73ASCR TypeStandard RecoveryOperating Temperature-40°C ~ 125°CMounting TypeThrough HolePackage / CaseTO-251-3 Short Leads, IPak, TO-251AASupplier Device PackageI-Pak		Thyristors - SCRs
Voltage - Off State Voltage - Gate Trigger (Vgt) (Max) Current - Gate Trigger (Igt) (Max) Voltage - On State (Vtm) (Max) Current - On State (It (AV)) (Max) Current - On State (It (RMS)) (Max) SA Current - Hold (Ih) (Max) Current - Off State (Max) Current - Off State (Max) Current - Non Rep. Surge 50, 60Hz (Itsm) SCR Type Standard Recovery Operating Temperature -40°C ~ 125°C Mounting Type Through Hole Package / Case TO-251-3 Short Leads, IPak, TO-251AA Supplier Device Package	Package	TO-251-3 Short Leads, IPak, TO-251AA
Voltage - Gate Trigger (Vgt) (Max) Current - Gate Trigger (Igt) (Max) Voltage - On State (Vtm) (Max) 1.6V Current - On State (It (AV)) (Max) 5A Current - On State (It (RMS)) (Max) 8A Current - Hold (Ih) (Max) 25mA Current - Off State (Max) Current - Off State (Max) 5μA Current - Non Rep. Surge 50, 60Hz (Itsm) 70A, 73A SCR Type Standard Recovery Operating Temperature 40°C ~ 125°C Mounting Type Through Hole Package / Case TO-251-3 Short Leads, IPak, TO-251AA Supplier Device Package	Series	-
Current - Gate Trigger (Igt) (Max) Voltage - On State (Vtm) (Max) 1.6V Current - On State (It (AV)) (Max) 5A Current - On State (It (RMS)) (Max) 8A Current - Hold (Ih) (Max) Current - Off State (Max) Current - Non Rep. Surge 50, 60Hz (Itsm) 5CR Type Standard Recovery Operating Temperature -40°C ~ 125°C Mounting Type Through Hole Package / Case TO-251-3 Short Leads, IPak, TO-251AA Supplier Device Package	Voltage - Off State	600V
Voltage - On State (Vtm) (Max) Current - On State (It (AV)) (Max) 5A Current - On State (It (RMS)) (Max) 8A Current - Hold (Ih) (Max) Current - Off State (Max) Current - Non Rep. Surge 50, 60Hz (Itsm) 5CR Type Standard Recovery Operating Temperature -40°C ~ 125°C Mounting Type Through Hole Package / Case TO-251-3 Short Leads, IPak, TO-251AA Supplier Device Package	Voltage - Gate Trigger (Vgt) (Max)	1.3V
Current - On State (It (AV)) (Max) Current - On State (It (RMS)) (Max) 8A Current - Hold (Ih) (Max) Current - Off State (Max) Current - Non Rep. Surge 50, 60Hz (Itsm) 5μA Current - Non Rep. Surge 50, 60Hz (Itsm) 70A, 73A SCR Type Standard Recovery Operating Temperature -40°C ~ 125°C Mounting Type Through Hole Package / Case TO-251-3 Short Leads, IPak, TO-251AA Supplier Device Package	Current - Gate Trigger (Igt) (Max)	5mA
Current - On State (It (RMS)) (Max) Current - Hold (Ih) (Max) Current - Off State (Max) Current - Off State (Max) Current - Non Rep. Surge 50, 60Hz (Itsm) 5µA Current - Non Rep. Surge 50, 60Hz (Itsm) 70A, 73A SCR Type Standard Recovery Operating Temperature -40°C ~ 125°C Mounting Type Through Hole Package / Case TO-251-3 Short Leads, IPak, TO-251AA Supplier Device Package	Voltage - On State (Vtm) (Max)	1.6V
Current - Hold (Ih) (Max) Current - Off State (Max) Current - Non Rep. Surge 50, 60Hz (Itsm) SCR Type Standard Recovery Operating Temperature -40°C ~ 125°C Mounting Type Through Hole Package / Case TO-251-3 Short Leads, IPak, TO-251AA Supplier Device Package	Current - On State (It (AV)) (Max)	5A
Current - Off State (Max) $5\mu A$ Current - Non Rep. Surge 50, 60Hz (Itsm) $70A, 73A$ SCR Type Standard Recovery Operating Temperature $-40^{\circ}C \sim 125^{\circ}C$ Mounting Type Through Hole Package / Case TO-251-3 Short Leads, IPak, TO-251AA I-Pak	Current - On State (It (RMS)) (Max)	8A
Current - Non Rep. Surge 50, 60Hz (Itsm) 70A, 73A SCR Type Standard Recovery -40°C ~ 125°C Mounting Type Through Hole Package / Case TO-251-3 Short Leads, IPak, TO-251AA Supplier Device Package	Current - Hold (Ih) (Max)	25mA
SCR TypeStandard RecoveryOperating Temperature-40°C ~ 125°CMounting TypeThrough HolePackage / CaseTO-251-3 Short Leads, IPak, TO-251AASupplier Device PackageI-Pak	Current - Off State (Max)	5μΑ
Operating Temperature -40°C ~ 125°C Mounting Type Through Hole Package / Case TO-251-3 Short Leads, IPak, TO-251AA Supplier Device Package I-Pak	Current - Non Rep. Surge 50, 60Hz (Itsm)	70A, 73A
Mounting Type Through Hole Package / Case TO-251-3 Short Leads, IPak, TO-251AA Supplier Device Package I-Pak	SCR Type	Standard Recovery
Package / Case TO-251-3 Short Leads, IPak, TO-251AA Supplier Device Package I-Pak	Operating Temperature	-40°C ~ 125°C
Supplier Device Package I-Pak	Mounting Type	Through Hole
	Package / Case	TO-251-3 Short Leads, IPak, TO-251AA
Report errors?	Supplier Device Package	I-Pak
		Report errors?

TN805-600H 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.

TN805-600H Payment Methods



















TN805-600H Shipping Methods













If you have any question about TN805-600H, please do not hesitate to contact us!

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