



S6012VTP Information



For Reference Only

Part Number S6012VTP
Manufacturer Littelfuse Inc.

Category Discrete Semiconductor Products

Thyristors - SCRs

DescriptionSCR NON-SENS 600V 12A TO-251**Package**TO-251-3 Short Leads, IPak, TO-251AA

For the pricing/inventory/lead time, please contact

us

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



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S6012VTP Specifications

Manufacturer Part Number\$6012VTPManufacturerLittelfuse Inc.CategoryDiscrete Semiconductor ProductsThyristors - SCRsPackageTO-251-3 Short Leads, IPak, TO-251AASeries-Voltage - Off State600VVoltage - Gate Trigger (Vgt) (Max)1.5VCurrent - Gate Trigger (Igt) (Max)20mAVoltage - On State (Vtm) (Max)1.6VCurrent - On State (It (AV)) (Max)7.6ACurrent - On State (It (RMS)) (Max)12ACurrent - Hold (Ih) (Max)40mACurrent - Off State (Max)10µACurrent - Non Rep. Surge 50, 60Hz (Itsm)100A, 120ASCR TypeStandard RecoveryOperating Temperature-40°C ~ 125°CMounting TypeThrough HolePackage / CaseTO-251-3 Short Leads, IPak, TO-251AA		
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Voltage - On State (Vtm) (Max)1.6VCurrent - On State (It (AV)) (Max)7.6ACurrent - On State (It (RMS)) (Max)12ACurrent - Hold (Ih) (Max)40mACurrent - Off State (Max)10μACurrent - Non Rep. Surge 50, 60Hz (Itsm)100A, 120ASCR TypeStandard RecoveryOperating Temperature-40°C ~ 125°CMounting TypeThrough HolePackage / CaseTO-251-3 Short Leads, IPak, TO-251AA	Voltage - Gate Trigger (Vgt) (Max)	1.5V
Current - On State (It (AV)) (Max) Current - On State (It (RMS)) (Max) 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 7.6A 7.6A 7.6A 10A 10A 10A 10B 10DA 10DA	Current - Gate Trigger (Igt) (Max)	20mA
Current - On State (It (RMS)) (Max) Current - Hold (Ih) (Max) Current - Off State (Max) Current - Non Rep. Surge 50, 60Hz (Itsm) SCR Type Standard Recovery Operating Temperature Operating Type Through Hole Package / Case TO-251-3 Short Leads, IPak, TO-251AA	Voltage - On State (Vtm) (Max)	1.6V
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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	Current - Hold (Ih) (Max)	40mA
SCR TypeStandard RecoveryOperating Temperature-40°C ~ 125°CMounting TypeThrough HolePackage / CaseTO-251-3 Short Leads, IPak, TO-251AA	Current - Off State (Max)	10μΑ
Operating Temperature -40°C ~ 125°C Mounting Type Through Hole Package / Case TO-251-3 Short Leads, IPak, TO-251AA	Current - Non Rep. Surge 50, 60Hz (Itsm)	100A, 120A
Mounting Type Through Hole Package / Case TO-251-3 Short Leads, IPak, TO-251AA	SCR Type	Standard Recovery
Package / Case TO-251-3 Short Leads, IPak, TO-251AA	Operating Temperature	-40°C ~ 125°C
	Mounting Type	Through Hole
	Package / Case	TO-251-3 Short Leads, IPak, TO-251AA
Supplier Device Package TO-251 (V-Pak/I-Pak)	Supplier Device Package	TO-251 (V-Pak/I-Pak)
Report errors?		Report errors?

S6012VTP 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.

S6012VTP Payment Methods





















S6012VTP Shipping Methods













If you have any question about S6012VTP, please do not hesitate to contact us!

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