



SK012VTP Information



For Reference Only

Part Number SK012VTP **Manufacturer** Littelfuse Inc.

Category Discrete Semiconductor Products

Thyristors - SCRs

DescriptionSCR NON-SENS 1000V 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



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.









SK012VTP Specifications

Manufacturer Part Number SK012VTP Manufacturer Littelfuse Inc. Category Discrete Semiconductor Products Thyristors - SCRs Package TO-251-3 Short Leads, IPak, TO-251AA Series - Voltage - Off State 1000V Voltage - Gate Trigger (Vgt) (Max) 1.5V Current - Gate Trigger (Igt) (Max) 20mA Voltage - On State (Vtm) (Max) 1.6V Current - On State (It (AV)) (Max) 7.6A Current - On State (It (RMS)) (Max) 12A Current - Hold (Ih) (Max) 40mA Current - Off State (Max) 20µA Current - Non Rep. Surge 50, 60Hz (Itsm) 100A, 120A 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 TO-251 (V-Pak/I-Pak)		
CategoryDiscrete Semiconductor ProductsThyristors - SCRsPackageTO-251-3 Short Leads, IPak, TO-251AASeries-Voltage - Off State1000VVoltage - 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 - Non Rep. Surge 50, 60Hz (Itsm)100A, 120ASCR TypeStandard RecoveryOperating Temperature-40°C ~ 125°CMounting TypeThrough HolePackage / CaseTO-251-3 Short Leads, IPak, TO-251AASupplier Device PackageTO-251 (V-Pak/I-Pak)	Manufacturer Part Number	SK012VTP
Package TO-251-3 Short Leads, IPak, TO-251AA Series - Voltage - Off State 1000V Voltage - Gate Trigger (Vgt) (Max) 1.5V Current - Gate Trigger (Igt) (Max) 20mA Voltage - On State (Vtm) (Max) 1.6V Current - On State (It (AV)) (Max) 7.6A Current - On State (It (RMS)) (Max) 12A Current - Hold (Ih) (Max) 40mA Current - Off State (Max) 20μA Current - Non Rep. Surge 50, 60Hz (Itsm) 100A, 120A 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 TO-251 (V-Pak/I-Pak)	Manufacturer	Littelfuse Inc.
PackageTO-251-3 Short Leads, IPak, TO-251AASeries-Voltage - Off State1000VVoltage - 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)20μACurrent - Non Rep. Surge 50, 60Hz (Itsm)100A, 120ASCR TypeStandard RecoveryOperating Temperature-40°C ~ 125°CMounting TypeThrough HolePackage / CaseTO-251-3 Short Leads, IPak, TO-251AASupplier Device PackageTO-251 (V-Pak/I-Pak)	Category	Discrete Semiconductor Products
Series-Voltage - Off State1000 VVoltage - Gate Trigger (Vgt) (Max)1.5 VCurrent - Gate Trigger (Igt) (Max)20mAVoltage - On State (Vtm) (Max)1.6 VCurrent - On State (It (AV)) (Max)7.6ACurrent - On State (It (RMS)) (Max)12ACurrent - Hold (Ih) (Max)40mACurrent - Off State (Max)20μACurrent - Non Rep. Surge 50, 60Hz (Itsm)100A, 120ASCR TypeStandard RecoveryOperating Temperature-40°C ~ 125°CMounting TypeThrough HolePackage / CaseTO-251-3 Short Leads, IPak, TO-251AASupplier Device PackageTO-251 (V-Pak/I-Pak)		Thyristors - SCRs
Voltage - Off State Voltage - Gate Trigger (Vgt) (Max) 1.5V Current - Gate Trigger (Igt) (Max) Voltage - On State (Vtm) (Max) 1.6V Current - On State (It (AV)) (Max) Current - On State (It (RMS)) (Max) 12A 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 TO-251 (V-Pak/I-Pak)	Package	TO-251-3 Short Leads, IPak, TO-251AA
Voltage - Gate Trigger (Vgt) (Max) Current - Gate Trigger (Igt) (Max) 20mA Voltage - On State (Vtm) (Max) 1.6V Current - On State (It (AV)) (Max) 7.6A Current - On State (It (RMS)) (Max) 12A Current - Hold (Ih) (Max) 40mA 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 TO-251 (V-Pak/I-Pak)	Series	-
Current - 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)20μACurrent - Non Rep. Surge 50, 60Hz (Itsm)100A, 120ASCR TypeStandard RecoveryOperating Temperature-40°C ~ 125°CMounting TypeThrough HolePackage / CaseTO-251-3 Short Leads, IPak, TO-251AASupplier Device PackageTO-251 (V-Pak/I-Pak)	Voltage - Off State	1000V
Voltage - On State (Vtm) (Max) Current - On State (It (AV)) (Max) 7.6A Current - On State (It (RMS)) (Max) 12A 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	Voltage - Gate Trigger (Vgt) (Max)	1.5V
Current - On State (It (AV)) (Max) Current - On State (It (RMS)) (Max) 12A Current - Hold (Ih) (Max) Current - Off State (Max) Current - Non Rep. Surge 50, 60Hz (Itsm) 100A, 120A 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)	20mA
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) 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 TO-251 (V-Pak/I-Pak)	Voltage - On State (Vtm) (Max)	1.6V
Current - Hold (Ih) (Max)40mACurrent - Off State (Max)20μACurrent - Non Rep. Surge 50, 60Hz (Itsm)100A, 120ASCR TypeStandard RecoveryOperating Temperature-40°C ~ 125°CMounting TypeThrough HolePackage / CaseTO-251-3 Short Leads, IPak, TO-251AASupplier Device PackageTO-251 (V-Pak/I-Pak)	Current - On State (It (AV)) (Max)	7.6A
Current - Off State (Max)20μACurrent - Non Rep. Surge 50, 60Hz (Itsm)100A, 120ASCR TypeStandard RecoveryOperating Temperature-40°C ~ 125°CMounting TypeThrough HolePackage / CaseTO-251-3 Short Leads, IPak, TO-251AASupplier Device PackageTO-251 (V-Pak/I-Pak)	Current - On State (It (RMS)) (Max)	12A
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 TO-251 (V-Pak/I-Pak)	Current - Hold (Ih) (Max)	40mA
SCR TypeStandard RecoveryOperating Temperature-40°C ~ 125°CMounting TypeThrough HolePackage / CaseTO-251-3 Short Leads, IPak, TO-251AASupplier Device PackageTO-251 (V-Pak/I-Pak)	Current - Off State (Max)	20μΑ
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)	Current - Non Rep. Surge 50, 60Hz (Itsm)	100A, 120A
Mounting Type Through Hole Package / Case TO-251-3 Short Leads, IPak, TO-251AA Supplier Device Package TO-251 (V-Pak/I-Pak)	SCR Type	Standard Recovery
Package / Case TO-251-3 Short Leads, IPak, TO-251AA Supplier Device Package TO-251 (V-Pak/I-Pak)	Operating Temperature	-40°C ~ 125°C
Supplier Device Package TO-251 (V-Pak/I-Pak)	Mounting Type	Through Hole
	Package / Case	TO-251-3 Short Leads, IPak, TO-251AA
Report errors?	Supplier Device Package	TO-251 (V-Pak/I-Pak)
		Report errors?

SK012VTP 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.

SK012VTP Payment Methods



















SK012VTP Shipping Methods













If you have any question about SK012VTP, please do not hesitate to contact us!

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