

SK025R Information

Part Number SK025R Manufacturer Littelfuse Inc.

Category Discrete Semiconductor Products

Thyristors - SCRs

Description SCR NON-ISOLATE 1KV 25A TO-220AB

Package

For the pricing/inventory/lead time, please contact

Website: https://www.heisener.com For Reference Only

E-mail: salesdept@heisener.com



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Certified Quality

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SK025R Specifications

Manufacturer Part NumberSK025RManufacturerLittelfuse Inc.CategoryDiscrete Semiconductor ProductsPackageTO-220-3Series-Voltage - Off State1000VVoltage - Gate Trigger (Vgt) (Max)1.5VCurrent - Gate Trigger (Igt) (Max)35mAVoltage - On State (Vtm) (Max)1.6VCurrent - On State (It (AV)) (Max)16ACurrent - On State (It (RMS)) (Max)25ACurrent - Hold (Ih) (Max)50mACurrent - Off State (Max)20μACurrent - Non Rep. Surge 50, 60Hz (Itsm)300A, 350ASCR TypeStandard RecoveryOperating Temperature-40°C ~ 125°CMounting TypeThrough HolePackage / CaseTO-220-3Supplier Device PackageTO-220-3Supplier Device PackageTO-220 Non-Isolated Tab		
CategoryDiscrete Semiconductor ProductsPackageTO-220-3Series-Voltage - Off State1000VVoltage - Gate Trigger (Vgt) (Max)1.5VCurrent - Gate Trigger (Igt) (Max)35mAVoltage - On State (Vtm) (Max)1.6VCurrent - On State (It (AV)) (Max)16ACurrent - On State (It (RMS)) (Max)25ACurrent - Hold (Ih) (Max)50mACurrent - Who Rep. Surge 50, 60Hz (Itsm)300A, 350ASCR TypeStandard RecoveryOperating Temperature-40°C ~ 125°CMounting TypeThrough HolePackage / CaseTO-220-3Supplier Device PackageTO-220 Non-Isolated Tab	Manufacturer Part Number	SK025R
Package TO-220-3 Series - 1000V Voltage - Off State 1000V Voltage - Gate Trigger (Vgt) (Max) 1.5V Current - Gate Trigger (Igt) (Max) 35mA Voltage - On State (Vtm) (Max) 1.6V Current - On State (It (AV)) (Max) 16A Current - On State (It (RMS)) (Max) 25A Current - Hold (Ih) (Max) 50mA Current - Off State (Max) 20µA Current - Non Rep. Surge 50, 60Hz (Itsm) 300A, 350A SCR Type Standard Recovery Operating Temperature -40°C ~ 125°C Mounting Type Through Hole Package / Case TO-220-3 Supplier Device Package	Manufacturer	Littelfuse Inc.
PackageTO-220-3Series-Voltage - Off State1000VVoltage - Gate Trigger (Vgt) (Max)1.5 VCurrent - Gate Trigger (Igt) (Max)35mAVoltage - On State (Vtm) (Max)1.6 VCurrent - On State (It (AV)) (Max)16ACurrent - On State (It (RMS)) (Max)25ACurrent - Hold (Ih) (Max)50mACurrent - Off State (Max)20μACurrent - Non Rep. Surge 50, 60Hz (Itsm)300A, 350ASCR TypeStandard RecoveryOperating Temperature-40°C ~ 125°CMounting TypeThrough HolePackage / CaseTO-220-3Supplier Device PackageTO-220 Non-Isolated Tab	Category	Discrete Semiconductor Products
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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) 16A Current - On State (It (RMS)) (Max) 25A Current - Hold (Ih) (Max) 50mA Current - Off State (Max) 20μA Current - Non Rep. Surge 50, 60Hz (Itsm) SCR Type Standard Recovery Operating Temperature -40°C ~ 125°C Mounting Type Through Hole Package / Case TO-220-3 Supplier Device Package	Package	TO-220-3
Voltage - Gate Trigger (Vgt) (Max) Current - Gate Trigger (Igt) (Max) 35mA Voltage - On State (Vtm) (Max) 1.6V Current - On State (It (AV)) (Max) 16A Current - On State (It (RMS)) (Max) 25A Current - Hold (Ih) (Max) 50mA Current - Off State (Max) Current - Non Rep. Surge 50, 60Hz (Itsm) 300A, 350A SCR Type Standard Recovery Operating Temperature 40°C ~ 125°C Mounting Type Through Hole Package / Case TO-220-3 Supplier Device Package TO-220 Non-Isolated Tab	Series	-
Current - Gate Trigger (Igt) (Max)35mAVoltage - On State (Vtm) (Max)1.6VCurrent - On State (It (AV)) (Max)16ACurrent - On State (It (RMS)) (Max)25ACurrent - Hold (Ih) (Max)50mACurrent - Off State (Max)20μACurrent - Non Rep. Surge 50, 60Hz (Itsm)300A, 350ASCR TypeStandard RecoveryOperating Temperature-40°C ~ 125°CMounting TypeThrough HolePackage / CaseTO-220-3Supplier Device PackageTO-220 Non-Isolated Tab	Voltage - Off State	1000V
Voltage - On State (Vtm) (Max) Current - On State (It (AV)) (Max) 16A Current - On State (It (RMS)) (Max) 25A Current - Hold (Ih) (Max) 50mA Current - Off State (Max) 20μA Current - Non Rep. Surge 50, 60Hz (Itsm) 300A, 350A SCR Type Standard Recovery Operating Temperature -40°C ~ 125°C Mounting Type Through Hole Package / Case TO-220-3 Supplier Device Package	Voltage - Gate Trigger (Vgt) (Max)	1.5V
Current - On State (It (AV)) (Max) Current - On State (It (RMS)) (Max) 25A Current - Hold (Ih) (Max) 50mA Current - Off State (Max) Current - Non Rep. Surge 50, 60Hz (Itsm) 300A, 350A SCR Type Standard Recovery Operating Temperature -40°C ~ 125°C Mounting Type Through Hole Package / Case TO-220-3 Supplier Device Package TO-220 Non-Isolated Tab	Current - Gate Trigger (Igt) (Max)	35mA
Current - On State (It (RMS)) (Max) Current - Hold (Ih) (Max) 50mA Current - Off State (Max) 20µA Current - Non Rep. Surge 50, 60Hz (Itsm) 300A, 350A SCR Type Standard Recovery Operating Temperature -40°C ~ 125°C Mounting Type Through Hole Package / Case TO-220-3 Supplier Device Package TO-220 Non-Isolated Tab	Voltage - On State (Vtm) (Max)	1.6V
Current - Hold (Ih) (Max)50mACurrent - Off State (Max)20μACurrent - Non Rep. Surge 50, 60Hz (Itsm)300A, 350ASCR TypeStandard RecoveryOperating Temperature-40°C ~ 125°CMounting TypeThrough HolePackage / CaseTO-220-3Supplier Device PackageTO-220 Non-Isolated Tab	Current - On State (It (AV)) (Max)	16A
Current - Off State (Max)20μACurrent - Non Rep. Surge 50, 60Hz (Itsm)300A, 350ASCR TypeStandard RecoveryOperating Temperature-40°C ~ 125°CMounting TypeThrough HolePackage / CaseTO-220-3Supplier Device PackageTO-220 Non-Isolated Tab	Current - On State (It (RMS)) (Max)	25A
Current - Non Rep. Surge 50, 60Hz (Itsm) SCR Type Standard Recovery -40°C ~ 125°C Mounting Type Through Hole Package / Case TO-220-3 Supplier Device Package TO-220 Non-Isolated Tab	Current - Hold (Ih) (Max)	50mA
SCR TypeStandard RecoveryOperating Temperature-40°C ~ 125°CMounting TypeThrough HolePackage / CaseTO-220-3Supplier Device PackageTO-220 Non-Isolated Tab	Current - Off State (Max)	20μΑ
Operating Temperature -40°C ~ 125°C Mounting Type Through Hole Package / Case TO-220-3 Supplier Device Package TO-220 Non-Isolated Tab	Current - Non Rep. Surge 50, 60Hz (Itsm)	300A, 350A
Mounting Type Through Hole Package / Case TO-220-3 Supplier Device Package TO-220 Non-Isolated Tab	SCR Type	Standard Recovery
Package / Case TO-220-3 Supplier Device Package TO-220 Non-Isolated Tab	Operating Temperature	-40°C ~ 125°C
Supplier Device Package TO-220 Non-Isolated Tab	Mounting Type	Through Hole
	Package / Case	TO-220-3
Report errors?	Supplier Device Package	TO-220 Non-Isolated Tab
· ·		Report errors?

SK025R 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.

SK025R Payment Methods



















SK025R Shipping Methods













If you have any question about SK025R, please do not hesitate to contact us!

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