



SK040NRP Information



For Reference Only

Part Number SK040NRP
Manufacturer Littelfuse Inc.

Category Discrete Semiconductor Products

Thyristors - SCRs

DescriptionSCR NON-ISOLATED 1000V 40A D2PAK**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



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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.









SK040NRP Specifications

Manufacturer Part Number SK040NRP Manufacturer Littelfuse Inc. Category Discrete Semiconductor Products Thyristors - SCRs Package TO-263-3, D2Pak (2 Leads + Tab), TO-263AB Series - Voltage - Off State 1000V Voltage - Gate Trigger (Vgt) (Max) 1.5V Current - Gate Trigger (Igt) (Max) 40mA Voltage - On State (Vtm) (Max) 1.8V Current - On State (It (AV)) (Max) 25A Current - On State (It (RMS)) (Max) 40A Current - Hold (Ih) (Max) 60mA Current - Off State (Max) 30µA Current - Non Rep. Surge 50, 60Hz (Itsm) 430A, 520A SCR Type Standard Recovery Operating Temperature -40°C ~ 125°C Mounting Type Surface Mount Package / Case TO-263-3, D2Pak (2 Leads + Tab), TO-263AB Supplier Device Package TO-263 (D2Pak)			
Category Discrete Semiconductor Products Thyristors - SCRs Package TO-263-3, D2Pak (2 Leads + Tab), TO-263AB Series - Voltage - Off State 1000V Voltage - Gate Trigger (Vgt) (Max) 1.5V Current - Gate Trigger (Igt) (Max) 40mA Voltage - On State (Vtm) (Max) 1.8V Current - On State (It (AV)) (Max) 25A Current - On State (It (RMS)) (Max) 40A Current - Hold (Ih) (Max) 60mA Current - Hold (Ih) (Max) 30µA Current - Non Rep. Surge 50, 60Hz (Itsm) 430A, 520A SCR Type Standard Recovery Operating Temperature 40°C ~ 125°C Mounting Type Surface Mount Package / Case TO-263-3, D2Pak (2 Leads + Tab), TO-263AB Supplier Device Package	Manufacturer Part Number	SK040NRP	
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PackageTO-263-3, D2Pak (2 Leads + Tab), TO-263ABSeries-Voltage - Off State1000VVoltage - Gate Trigger (Vgt) (Max)1.5VCurrent - Gate Trigger (Igt) (Max)40mAVoltage - On State (Vtm) (Max)1.8VCurrent - On State (It (AV)) (Max)25ACurrent - On State (It (RMS)) (Max)40ACurrent - Hold (Ih) (Max)60mACurrent - Off State (Max)30μACurrent - Non Rep. Surge 50, 60Hz (Itsm)430A, 520ASCR TypeStandard RecoveryOperating Temperature-40°C ~ 125°CMounting TypeSurface MountPackage / CaseTO-263-3, D2Pak (2 Leads + Tab), TO-263ABSupplier Device PackageTO-263 (D2Pak)	Category	Discrete Semiconductor Products	
Series - Woltage - Off State 1000V Voltage - Gate Trigger (Vgt) (Max) 1.5V Current - Gate Trigger (Igt) (Max) 40mA Voltage - On State (Vtm) (Max) 1.8V Current - On State (It (AV)) (Max) 25A Current - On State (It (RMS)) (Max) 40mA Current - Hold (Ih) (Max) 60mA Current - Hold (Ih) (Max) 30µA Current - Non Rep. Surge 50, 60Hz (Itsm) 430A, 520A SCR Type Standard Recovery Operating Temperature -40°C ~ 125°C Mounting Type Surface Mount Package / Case TO-263-3, D2Pak (2 Leads + Tab), TO-263AB Supplier Device Package TO-263 (D2Pak)		Thyristors - SCRs	
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Voltage - Gate Trigger (Vgt) (Max) Current - Gate Trigger (Igt) (Max) Voltage - On State (Vtm) (Max) 1.8V Current - On State (It (AV)) (Max) 25A Current - On State (It (RMS)) (Max) 40A Current - Hold (Ih) (Max) 60mA Current - Off State (Max) Current - Non Rep. Surge 50, 60Hz (Itsm) SCR Type Standard Recovery Operating Temperature 40°C ~ 125°C Mounting Type Surface Mount Package / Case TO-263-3, D2Pak (2 Leads + Tab), TO-263AB Supplier Device Package TO-263 (D2Pak)	Series	-	
Current - Gate Trigger (Igt) (Max) Voltage - On State (Vtm) (Max) 1.8V Current - On State (It (AV)) (Max) 25A Current - On State (It (RMS)) (Max) 40A Current - Hold (Ih) (Max) 60mA Current - Off State (Max) Current - Non Rep. Surge 50, 60Hz (Itsm) 30µA Current - Non Rep. Surge 50, 60Hz (Itsm) 430A, 520A SCR Type Standard Recovery Operating Temperature -40°C ~ 125°C Mounting Type Surface Mount Package / Case TO-263-3, D2Pak (2 Leads + Tab), TO-263AB Supplier Device Package TO-263 (D2Pak)	Voltage - Off State	1000V	
Voltage - On State (Vtm) (Max) Current - On State (It (AV)) (Max) 25A Current - On State (It (RMS)) (Max) 40A Current - Hold (Ih) (Max) Current - Off State (Max) 30µA Current - Non Rep. Surge 50, 60Hz (Itsm) SCR Type Standard Recovery Operating Temperature -40°C ~ 125°C 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)	1.5V	
Current - On State (It (AV)) (Max) Current - On State (It (RMS)) (Max) 40A 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 Surface Mount Package / Case TO-263-3, D2Pak (2 Leads + Tab), TO-263AB Supplier Device Package TO-263 (D2Pak)	Current - Gate Trigger (Igt) (Max)	40mA	
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 Surface Mount Package / Case TO-263-3, D2Pak (2 Leads + Tab), TO-263AB Supplier Device Package	Voltage - On State (Vtm) (Max)	1.8V	
Current - Hold (Ih) (Max)60mACurrent - Off State (Max)30μACurrent - Non Rep. Surge 50, 60Hz (Itsm)430A, 520ASCR TypeStandard RecoveryOperating Temperature-40°C ~ 125°CMounting TypeSurface MountPackage / CaseTO-263-3, D2Pak (2 Leads + Tab), TO-263ABSupplier Device PackageTO-263 (D2Pak)	Current - On State (It (AV)) (Max)	25A	
Current - Off State (Max)30μACurrent - Non Rep. Surge 50, 60Hz (Itsm)430A, 520ASCR TypeStandard RecoveryOperating Temperature-40°C ~ 125°CMounting TypeSurface MountPackage / CaseTO-263-3, D2Pak (2 Leads + Tab), TO-263ABSupplier Device PackageTO-263 (D2Pak)	Current - On State (It (RMS)) (Max)	40A	
Current - Non Rep. Surge 50, 60Hz (Itsm) 430A, 520A SCR Type Standard Recovery -40°C ~ 125°C 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)	60mA	
SCR Type Standard Recovery Operating Temperature -40°C ~ 125°C Mounting Type Surface Mount Package / Case TO-263-3, D2Pak (2 Leads + Tab), TO-263AB Supplier Device Package TO-263 (D2Pak)	Current - Off State (Max)	30μΑ	
Operating Temperature -40°C ~ 125°C Mounting Type Surface Mount TO-263-3, D2Pak (2 Leads + Tab), TO-263AB Supplier Device Package TO-263 (D2Pak)	Current - Non Rep. Surge 50, 60Hz (Itsm)	430A, 520A	
Mounting Type Surface Mount Package / Case TO-263-3, D2Pak (2 Leads + Tab), TO-263AB Supplier Device Package TO-263 (D2Pak)	SCR Type	Standard Recovery	
Package / Case TO-263-3, D2Pak (2 Leads + Tab), TO-263AB Supplier Device Package TO-263 (D2Pak)	Operating Temperature	-40°C ~ 125°C	
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 errors?

SK040NRP 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.

SK040NRP Payment Methods





















SK040NRP Shipping Methods













If you have any question about SK040NRP, please do not hesitate to contact us!

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