



SK055NRP Information



For Reference Only

Part Number SK055NRP
Manufacturer Littelfuse Inc.

Category Discrete Semiconductor Products

Thyristors - SCRs

DescriptionSCR NON-ISOLATED 1KV 55A D2-PAK**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

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SK055NRP Specifications

| Manufacturer Part Number Manufacturer Littelfuse Inc. Discrete Semiconductor Products Thyristors - SCRs Package TO-263-3, D2Pak (2 Leads + Tab), TO-263AB Series - Voltage - Off State Voltage - Gate Trigger (Vgt) (Max) LisV Current - Gate Trigger (Igt) (Max) Voltage - On State (Vtm) (Max) Current - On State (It (AV)) (Max) Current - On State (It (RMS)) (Max) Current - Hold (Ih) (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 | | | |
|--|--|---|----------------|
| 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) 35A Current - On State (It (RMS)) (Max) 55A Current - Hold (Ih) (Max) 60mA Current - Hold (Ih) (Max) 550A, 650A 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 | Manufacturer Part Number | SK055NRP | |
| PackageThyristors - SCRsSeries-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)35ACurrent - On State (It (RMS)) (Max)55ACurrent - Hold (Ih) (Max)60mACurrent - Off State (Max)30μACurrent - Non Rep. Surge 50, 60Hz (Itsm)550A, 650ASCR TypeStandard RecoveryOperating Temperature-40°C ~ 125°CMounting TypeSurface MountPackage / CaseTO-263-3, D2Pak (2 Leads + Tab), TO-263ABSupplier Device PackageTO-263 (D2Pak) | Manufacturer | Littelfuse Inc. | |
| 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)35ACurrent - On State (It (RMS)) (Max)55ACurrent - Hold (Ih) (Max)60mACurrent - Off State (Max)30μACurrent - Non Rep. Surge 50, 60Hz (Itsm)550A, 650ASCR 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 - 1000V 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) 35A Current - On State (It (RMS)) (Max) 55A Current - Hold (Ih) (Max) 60mA Current - Off State (Max) 30µA Current - Non Rep. Surge 50, 60Hz (Itsm) 550A, 650A 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 | | 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) 55A Current - On State (It (RMS)) (Max) 60mA Current - Hold (Ih) (Max) Current - Off State (Max) Current - Non Rep. Surge 50, 60Hz (Itsm) 550A, 650A 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) 35A Current - On State (It (RMS)) (Max) 55A Current - Hold (Ih) (Max) 60mA Current - Off State (Max) Current - Non Rep. Surge 50, 60Hz (Itsm) 550A, 650A 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) Current - On State (It (RMS)) (Max) 55A Current - Hold (Ih) (Max) 60mA Current - Off State (Max) Current - Non Rep. Surge 50, 60Hz (Itsm) 550A, 650A 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) 55A Current - Hold (Ih) (Max) 60mA Current - Off State (Max) Current - Non Rep. Surge 50, 60Hz (Itsm) 550A, 650A 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)55ACurrent - Hold (Ih) (Max)60mACurrent - Off State (Max)30μACurrent - Non Rep. Surge 50, 60Hz (Itsm)550A, 650ASCR TypeStandard RecoveryOperating Temperature-40°C ~ 125°CMounting TypeSurface MountPackage / CaseTO-263-3, D2Pak (2 Leads + Tab), TO-263ABSupplier Device PackageTO-263 (D2Pak) | Voltage - On State (Vtm) (Max) | 1.8V | |
| Current - Hold (Ih) (Max) Current - Off State (Max) Current - Non Rep. Surge 50, 60Hz (Itsm) 550A, 650A 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 - On State (It (AV)) (Max) | 35A | |
| Current - Off State (Max) Current - Non Rep. Surge 50, 60Hz (Itsm) 550A, 650A 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 - On State (It (RMS)) (Max) | 55A | |
| Current - Non Rep. Surge 50, 60Hz (Itsm) 550A, 650A 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 TypeStandard RecoveryOperating Temperature-40°C ~ 125°CMounting TypeSurface MountPackage / CaseTO-263-3, D2Pak (2 Leads + Tab), TO-263ABSupplier Device PackageTO-263 (D2Pak) | Current - Off State (Max) | 30μΑ | |
| 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 - Non Rep. Surge 50, 60Hz (Itsm) | 550A, 650A | |
| 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? |

SK055NRP 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.

SK055NRP Payment Methods





















SK055NRP Shipping Methods













If you have any question about SK055NRP, please do not hesitate to contact us!

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