

S2008V Information



For Reference Only

Part Number S2008V Manufacturer Littelfuse Inc.

Category Discrete Semiconductor Products

Thyristors - SCRs

DescriptionSCR NON-SENS 200V 8A TO-251AA**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.









S2008V Specifications

| Manufacturer Part Number Manufacturer Littelfuse Inc. Discrete Semiconductor Products Thyristors - SCRs Package TO-251-3 Short Leads, IPak, TO-251AA Series Voltage - Off State Voltage - Gate Trigger (Vgt) (Max) 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 - Off State (Max) Current - Off State (Max) Current - Non Rep. Surge 50, 60Hz (Itsm) SCR Type Operating Temperature Mounting Type Package / Case TO-251-3 Short Leads, IPak, TO-251AA Package / Case TO-251 (V-Pak/I-Pak) | | |
|---|--|--------------------------------------|
| CategoryDiscrete Semiconductor ProductsThyristors - SCRsPackageTO-251-3 Short Leads, IPak, TO-251AASeries-Voltage - Off State200VVoltage - Gate Trigger (Vgt) (Max)1.5VCurrent - Gate Trigger (Igt) (Max)15mAVoltage - On State (Vtm) (Max)1.6VCurrent - On State (It (AV)) (Max)5.1ACurrent - On State (It (RMS)) (Max)8ACurrent - Hold (Ih) (Max)30mACurrent - Off State (Max)10μACurrent - Non Rep. Surge 50, 60Hz (Itsm)83A, 100ASCR 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 | S2008V |
| Package TO-251-3 Short Leads, IPak, TO-251AA Series - Voltage - Off State 200V Voltage - Gate Trigger (Vgt) (Max) 1.5V Current - Gate Trigger (Igt) (Max) 15mA Voltage - On State (Vtm) (Max) 1.6V Current - On State (It (AV)) (Max) 5.1A Current - On State (It (RMS)) (Max) 8A Current - Hold (Ih) (Max) 30mA Current - Off State (Max) 10μA Current - Non Rep. Surge 50, 60Hz (Itsm) 83A, 100A 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 State200VVoltage - Gate Trigger (Vgt) (Max)1.5VCurrent - Gate Trigger (Igt) (Max)15mAVoltage - On State (Vtm) (Max)1.6VCurrent - On State (It (AV)) (Max)5.1ACurrent - On State (It (RMS)) (Max)8ACurrent - Hold (Ih) (Max)30mACurrent - Off State (Max)10μACurrent - Non Rep. Surge 50, 60Hz (Itsm)83A, 100ASCR 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 State200VVoltage - Gate Trigger (Vgt) (Max)1.5VCurrent - Gate Trigger (Igt) (Max)15mAVoltage - On State (Vtm) (Max)1.6VCurrent - On State (It (AV)) (Max)5.1ACurrent - On State (It (RMS)) (Max)8ACurrent - Hold (Ih) (Max)30mACurrent - Off State (Max)10μACurrent - Non Rep. Surge 50, 60Hz (Itsm)83A, 100ASCR 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) 5.1A Current - On State (It (RMS)) (Max) 8A 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 | Package | TO-251-3 Short Leads, IPak, TO-251AA |
| Voltage - Gate Trigger (Vgt) (Max) Current - Gate Trigger (Igt) (Max) 15mA Voltage - On State (Vtm) (Max) 1.6V Current - On State (It (AV)) (Max) 5.1A Current - On State (It (RMS)) (Max) 8A Current - Hold (Ih) (Max) 30mA Current - Off State (Max) Current - Non Rep. Surge 50, 60Hz (Itsm) 83A, 100A 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)15mAVoltage - On State (Vtm) (Max)1.6VCurrent - On State (It (AV)) (Max)5.1ACurrent - On State (It (RMS)) (Max)8ACurrent - Hold (Ih) (Max)30mACurrent - Off State (Max)10μACurrent - Non Rep. Surge 50, 60Hz (Itsm)83A, 100ASCR 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 | 200V |
| Voltage - On State (Vtm) (Max) Current - On State (It (AV)) (Max) 5.1A Current - On State (It (RMS)) (Max) 8A Current - Hold (Ih) (Max) Current - Off State (Max) Current - Non Rep. Surge 50, 60Hz (Itsm) 83A, 100A 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 - Gate Trigger (Vgt) (Max) | 1.5V |
| Current - On State (It (AV)) (Max) Current - On State (It (RMS)) (Max) 8A Current - Hold (Ih) (Max) Current - Off State (Max) Current - Non Rep. Surge 50, 60Hz (Itsm) 83A, 100A 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) | 15mA |
| Current - On State (It (RMS)) (Max) Current - Hold (Ih) (Max) 30mA Current - Off State (Max) 10μA Current - Non Rep. Surge 50, 60Hz (Itsm) 83A, 100A 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 - On State (Vtm) (Max) | 1.6V |
| Current - Hold (Ih) (Max)30mACurrent - Off State (Max)10μACurrent - Non Rep. Surge 50, 60Hz (Itsm)83A, 100ASCR 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) | 5.1A |
| Current - Off State (Max)10μACurrent - Non Rep. Surge 50, 60Hz (Itsm)83A, 100ASCR 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) | 8A |
| Current - Non Rep. Surge 50, 60Hz (Itsm) 83A, 100A SCR Type Standard Recovery -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) | 30mA |
| 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) | 10μΑ |
| 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) | 83A, 100A |
| 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 crisis: | | Report errors? |

S2008V 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.

S2008V Payment Methods



















S2008V Shipping Methods













If you have any question about S2008V, please do not hesitate to contact us!

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