

S2004VS1 Information



For Reference Only

Part Number S2004VS1
Manufacturer Littelfuse Inc.

Category Discrete Semiconductor Products

Thyristors - SCRs

Description SCR SENS 200V 4A 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



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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.









S2004VS1 Specifications

| Manufacturer Part Number \$2004V\$1 Manufacturer Littelfuse Inc. Category Discrete Semiconductor Products Thyristors - SCRs Package TO-251-3 Short Leads, IPak, TO-251AA Series - Voltage - Off State 200V Voltage - Gate Trigger (Vgt) (Max) 800mV Current - Gate Trigger (Igt) (Max) 50μA Voltage - On State (Vtm) (Max) 1.6V Current - On State (It (AV)) (Max) 2.5A Current - On State (It (RMS)) (Max) 4A Current - Hold (Ih) (Max) 4mA Current - Off State (Max) 2μA Current - Non Rep. Surge 50, 60Hz (Itsm) 25A, 30A SCR Type Sensitive Gate Operating Temperature -40°C ~ 110°C Mounting Type Through Hole Package / Case TO-251-3 Short Leads, IPak, TO-251AA Supplier Device Package TO-251 (V-Pak/I-Pak) | | |
|--|--|--------------------------------------|
| Category 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) 1.6V Current - On State (It (AV)) (Max) 2.5A Current - On State (It (RMS)) (Max) 4A Current - Hold (Ih) (Max) Current - Hold (Ih) (Max) Current - Non Rep. Surge 50, 60Hz (Itsm) SCR Type Sensitive Gate Operating Temperature Mounting Type Through Hole Package / Case TO-251-3 Short Leads, IPak, TO-251AA Supplier Device Package | Manufacturer Part Number | S2004VS1 |
| Package TO-251-3 Short Leads, IPak, TO-251AA Series - Voltage - Off State 200V Voltage - Gate Trigger (Vgt) (Max) 800mV Current - Gate Trigger (Igt) (Max) 50μA Voltage - On State (Vtm) (Max) 1.6V Current - On State (It (AV)) (Max) 2.5A Current - On State (It (RMS)) (Max) 4A Current - Hold (Ih) (Max) 4mA Current - Off State (Max) 2μA Current - Non Rep. Surge 50, 60Hz (Itsm) 25A, 30A SCR Type Sensitive Gate Operating Temperature -40°C ~ 110°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)800mVCurrent - Gate Trigger (Igt) (Max)50μAVoltage - On State (Vtm) (Max)1.6VCurrent - On State (It (AV)) (Max)2.5ACurrent - On State (It (RMS)) (Max)4ACurrent - Hold (Ih) (Max)4mACurrent - Off State (Max)2μACurrent - Non Rep. Surge 50, 60Hz (Itsm)25A, 30ASCR TypeSensitive GateOperating Temperature-40°C ~ 110°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 State $200V$ Voltage - Gate Trigger (Vgt) (Max) $800mV$ Current - Gate Trigger (Igt) (Max) 50μ AVoltage - On State (Vtm) (Max) $1.6V$ Current - On State (It (AV)) (Max) $2.5A$ Current - On State (It (RMS)) (Max) $4A$ Current - Hold (Ih) (Max) $4mA$ Current - Off State (Max) 2μ ACurrent - Non Rep. Surge 50, 60Hz (Itsm) $25A$, 30ASCR TypeSensitive GateOperating Temperature -40° C ~ 110° 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) 800mV Current - Gate Trigger (Igt) (Max) Voltage - On State (Vtm) (Max) 1.6V Current - On State (It (AV)) (Max) 2.5A Current - On State (It (RMS)) (Max) 4A Current - Hold (Ih) (Max) Current - Off State (Max) Current - Off State (Max) Current - Non Rep. Surge 50, 60Hz (Itsm) SCR Type Sensitive Gate Operating Temperature 40°C ~ 110°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)800mVCurrent - Gate Trigger (Igt) (Max)50μAVoltage - On State (Vtm) (Max)1.6VCurrent - On State (It (AV)) (Max)2.5ACurrent - On State (It (RMS)) (Max)4ACurrent - Hold (Ih) (Max)4mACurrent - Off State (Max)2μACurrent - Non Rep. Surge 50, 60Hz (Itsm)25A, 30ASCR TypeSensitive GateOperating Temperature-40°C ~ 110°CMounting TypeThrough HolePackage / CaseTO-251-3 Short Leads, IPak, TO-251AASupplier Device PackageTO-251 (V-Pak/I-Pak) | Series | - |
| Current - Gate Trigger (Igt) (Max)50μAVoltage - On State (Vtm) (Max)1.6VCurrent - On State (It (AV)) (Max)2.5ACurrent - On State (It (RMS)) (Max)4ACurrent - Hold (Ih) (Max)4mACurrent - Off State (Max)2μACurrent - Non Rep. Surge 50, 60Hz (Itsm)25A, 30ASCR TypeSensitive GateOperating Temperature-40°C ~ 110°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) 2.5A Current - On State (It (RMS)) (Max) 4A Current - Hold (Ih) (Max) Current - Off State (Max) Current - Non Rep. Surge 50, 60Hz (Itsm) SCR Type Sensitive Gate Operating Temperature -40°C ~ 110°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) | 800mV |
| Current - On State (It (AV)) (Max) Current - On State (It (RMS)) (Max) 4A Current - Hold (Ih) (Max) Current - Off State (Max) Current - Non Rep. Surge 50, 60Hz (Itsm) 25A, 30A SCR Type Sensitive Gate Operating Temperature -40°C ~ 110°C Mounting Type Through Hole Package / Case TO-251-3 Short Leads, IPak, TO-251AA Supplier Device Package | Current - Gate Trigger (Igt) (Max) | 50μΑ |
| 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 Sensitive Gate Operating Temperature -40°C ~ 110°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) $4mA$ Current - Off State (Max) $2\mu A$ Current - Non Rep. Surge 50, 60Hz (Itsm) $25A$, 30A SCR Type Sensitive Gate Operating Temperature $-40^{\circ}\text{C} \sim 110^{\circ}\text{C}$ Mounting Type Through Hole Package / Case TO-251-3 Short Leads, IPak, TO-251AA Supplier Device Package | Current - On State (It (AV)) (Max) | 2.5A |
| Current - Off State (Max) $2\mu A$ Current - Non Rep. Surge 50, 60Hz (Itsm) $25A$, 30A SCR Type Sensitive Gate Operating Temperature $-40^{\circ}C \sim 110^{\circ}C$ Mounting Type Through Hole Package / Case TO-251-3 Short Leads, IPak, TO-251AA $TO-251$ (V-Pak/I-Pak) | Current - On State (It (RMS)) (Max) | 4A |
| Current - Non Rep. Surge 50, 60Hz (Itsm) 25A, 30A SCR Type Sensitive Gate -40°C ~ 110°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) | 4mA |
| SCR TypeSensitive GateOperating Temperature-40°C ~ 110°CMounting TypeThrough HolePackage / CaseTO-251-3 Short Leads, IPak, TO-251AASupplier Device PackageTO-251 (V-Pak/I-Pak) | Current - Off State (Max) | 2μΑ |
| Operating Temperature -40°C ~ 110°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) | 25A, 30A |
| 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 | Sensitive Gate |
| Package / Case TO-251-3 Short Leads, IPak, TO-251AA Supplier Device Package TO-251 (V-Pak/I-Pak) | Operating Temperature | -40°C ~ 110°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? |

S2004VS1 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.

S2004VS1 Payment Methods





















S2004VS1 Shipping Methods













If you have any question about S2004VS1, please do not hesitate to contact us!

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