

### S2008LS3 Information

Part Number S2008LS3
Manufacturer Littelfuse Inc.

Category Discrete Semiconductor Products

Thyristors - SCRs

**Description** SCR SENS 200V 8A ISO TO-220

Package TO-220-3 Isolated Tab

For the pricing/inventory/lead time, please contact

us

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



Request a Quote

## **Certified Quality**

For Reference Only

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.









## S2008LS3 Specifications

Manufacturer Part Number\$2008L83ManufacturerLittelfuse Inc.CategoryDiscrete Semiconductor ProductsPackageTO-220-3 Isolated TabSeries-Voltage - Off State200VVoltage - Gate Trigger (Vgt) (Max)800mVCurrent - Gate Trigger (Igt) (Max)500μAVoltage - On State (Vtm) (Max)1.6VCurrent - On State (It (AV)) (Max)5.1ACurrent - On State (It (RMS)) (Max)8ACurrent - Hold (Ih) (Max)8mACurrent - Off State (Max)5μACurrent - Non Rep. Surge 50, 60Hz (Itsm)83A, 100ASCR TypeSensitive GateOperating Temperature-40°C ~ 110°CMounting TypeThrough HolePackage / CaseTO-220-3 Isolated TabSupplier Device PackageTO-220 Isolated Tab		
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PackageTO-220-3 Isolated TabSeries-Voltage - Off State200VVoltage - Gate Trigger (Vgt) (Max)800mVCurrent - Gate Trigger (Igt) (Max)500μAVoltage - On State (Vtm) (Max)1.6VCurrent - On State (It (AV)) (Max)5.1ACurrent - On State (It (RMS)) (Max)8ACurrent - Hold (Ih) (Max)8mACurrent - Off State (Max)5μACurrent - Non Rep. Surge 50, 60Hz (Itsm)83A, 100ASCR TypeSensitive GateOperating Temperature-40°C ~ 110°CMounting TypeThrough HolePackage / CaseTO-220-3 Isolated TabSupplier Device PackageTO-220 Isolated Tab	Category	Discrete Semiconductor Products
Series-Voltage - Off State200VVoltage - Gate Trigger (Vgt) (Max)800mVCurrent - Gate Trigger (Igt) (Max)500μAVoltage - On State (Vtm) (Max)1.6VCurrent - On State (It (AV)) (Max)5.1ACurrent - On State (It (RMS)) (Max)8ACurrent - Hold (Ih) (Max)8mACurrent - Off State (Max)5μACurrent - Non Rep. Surge 50, 60Hz (Itsm)83A, 100ASCR TypeSensitive GateOperating Temperature-40°C ~ 110°CMounting TypeThrough HolePackage / CaseTO-220-3 Isolated TabSupplier Device PackageTO-220 Isolated Tab		Thyristors - SCRs
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 - 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-220-3 Isolated Tab  Supplier Device Package	Package	TO-220-3 Isolated Tab
Voltage - Gate Trigger (Vgt) (Max)800mVCurrent - Gate Trigger (Igt) (Max)500μAVoltage - On State (Vtm) (Max)1.6VCurrent - On State (It (AV)) (Max)5.1ACurrent - On State (It (RMS)) (Max)8ACurrent - Hold (Ih) (Max)8mACurrent - Off State (Max)5μACurrent - Non Rep. Surge 50, 60Hz (Itsm)83A, 100ASCR TypeSensitive GateOperating Temperature-40°C ~ 110°CMounting TypeThrough HolePackage / CaseTO-220-3 Isolated TabSupplier Device PackageTO-220 Isolated Tab	Series	-
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)  SmA  Current - Off State (Max)  Current - Non Rep. Surge 50, 60Hz (Itsm)  83A, 100A  SCR Type  Sensitive Gate  Operating Temperature  -40°C ~ 110°C  Mounting Type  Through Hole  Package / Case  TO-220-3 Isolated Tab  Supplier Device Package	Voltage - Off State	200V
Voltage - On State (Vtm) (Max)1.6VCurrent - On State (It (AV)) (Max)5.1ACurrent - On State (It (RMS)) (Max)8ACurrent - Hold (Ih) (Max)8mACurrent - Off State (Max)5μACurrent - Non Rep. Surge 50, 60Hz (Itsm)83A, 100ASCR TypeSensitive GateOperating Temperature-40°C ~ 110°CMounting TypeThrough HolePackage / CaseTO-220-3 Isolated TabSupplier Device PackageTO-220 Isolated Tab	Voltage - Gate Trigger (Vgt) (Max)	800mV
Current - On State (It (AV)) (Max)5.1ACurrent - On State (It (RMS)) (Max)8ACurrent - Hold (Ih) (Max)8mACurrent - Off State (Max)5μACurrent - Non Rep. Surge 50, 60Hz (Itsm)83A, 100ASCR TypeSensitive GateOperating Temperature-40°C ~ 110°CMounting TypeThrough HolePackage / CaseTO-220-3 Isolated TabSupplier Device PackageTO-220 Isolated Tab	Current - Gate Trigger (Igt) (Max)	500μΑ
Current - On State (It (RMS)) (Max)8ACurrent - Hold (Ih) (Max)8mACurrent - Off State (Max)5μACurrent - Non Rep. Surge 50, 60Hz (Itsm)83A, 100ASCR TypeSensitive GateOperating Temperature-40°C ~ 110°CMounting TypeThrough HolePackage / CaseTO-220-3 Isolated TabSupplier Device PackageTO-220 Isolated Tab	Voltage - On State (Vtm) (Max)	1.6V
Current - Hold (Ih) (Max)8mACurrent - Off State (Max)5μACurrent - Non Rep. Surge 50, 60Hz (Itsm)83A, 100ASCR TypeSensitive GateOperating Temperature-40°C ~ 110°CMounting TypeThrough HolePackage / CaseTO-220-3 Isolated TabSupplier Device PackageTO-220 Isolated Tab	Current - On State (It (AV)) (Max)	5.1A
Current - Off State (Max)5μACurrent - Non Rep. Surge 50, 60Hz (Itsm)83A, 100ASCR TypeSensitive GateOperating Temperature-40°C ~ 110°CMounting TypeThrough HolePackage / CaseTO-220-3 Isolated TabSupplier Device PackageTO-220 Isolated Tab	Current - On State (It (RMS)) (Max)	8A
Current - Non Rep. Surge 50, 60Hz (Itsm)  SCR Type  Sensitive Gate  Operating Temperature  -40°C ~ 110°C  Mounting Type  Through Hole  Package / Case  TO-220-3 Isolated Tab  Supplier Device Package	Current - Hold (Ih) (Max)	8mA
SCR TypeSensitive GateOperating Temperature-40°C ~ 110°CMounting TypeThrough HolePackage / CaseTO-220-3 Isolated TabSupplier Device PackageTO-220 Isolated Tab	Current - Off State (Max)	5μΑ
Operating Temperature  -40°C ~ 110°C  Mounting Type  Through Hole  Package / Case  TO-220-3 Isolated Tab  Supplier Device Package  TO-220 Isolated Tab	Current - Non Rep. Surge 50, 60Hz (Itsm)	83A, 100A
Mounting Type Through Hole Package / Case TO-220-3 Isolated Tab Supplier Device Package TO-220 Isolated Tab	SCR Type	Sensitive Gate
Package / Case TO-220-3 Isolated Tab Supplier Device Package TO-220 Isolated Tab	Operating Temperature	-40°C ~ 110°C
Supplier Device Package TO-220 Isolated Tab	Mounting Type	Through Hole
	Package / Case	TO-220-3 Isolated Tab
Report errors?	Supplier Device Package	TO-220 Isolated Tab
		Report errors?

#### S2008LS3 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.

# S2008LS3 Payment Methods





















## S2008LS3 Shipping Methods













If you have any question about S2008LS3, please do not hesitate to contact us!

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