

## S6008L53 Information

Heisener.com

**Part Number** S6008L53 **Manufacturer** Littelfuse Inc.

Category Discrete Semiconductor Products

Thyristors - SCRs

**Description**SCR NON-SENS 600V 8A ISO TO-220**Package**TO-220-3 Isolated Tab, Formed Leads

For the pricing/inventory/lead time, please contact

us

For Reference Only

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.









# S6008L53 Specifications

Manufacturer Part Number  Manufacturer  Littelfuse Inc.  Discrete Semiconductor Products Thyristors - SCRs  Package TO-220-3 Isolated Tab, Formed Leads  Series  Voltage - Off State Voltage - Gate Trigger (Vgt) (Max) LitsMA  Voltage - On State (Vtm) (Max) Lind  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  Au°C ~ 125°C  Mounting Type Through Hole  Package / Case TO-220 Isolated Tab, Formed Leads  Supplier Device Package  Report errors?		
CategoryDiscrete Semiconductor ProductsThyristors - SCRsPackageTO-220-3 Isolated Tab, Formed LeadsSeries-Voltage - Off State600VVoltage - 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 - Hord (Ih) (Max)10µACurrent - Non Rep. Surge 50, 60Hz (Itsm)83A, 100ASCR TypeStandard RecoveryOperating Temperature-40°C ~ 125°CMounting TypeThrough HolePackage / CaseTO-220-3 Isolated Tab, Formed LeadsSupplier Device PackageTO-220 Isolated Tab	Manufacturer Part Number	S6008L53
Thyristors - SCRs  Package TO-220-3 Isolated Tab, Formed Leads  Series - Voltage - Off State 600V  Voltage - Gate Trigger (Vgt) (Max) 1.5V  Current - Gate Trigger (Igt) (Max) 1.6V  Current - On State (Vtm) (Max) 5.1A  Current - On State (It (AV)) (Max) 8A  Current - Hold (Ih) (Max) 30mA  Current - Hold (Ih) (Max) 10µA  Current - Non Rep. Surge 50, 60Hz (Itsm) 8CR Type Standard Recovery Operating Temperature 40°C ~ 125°C  Mounting Type Through Hole Package / Case TO-220-3 Isolated Tab, Formed Leads Supplier Device Package TO-220 Isolated Tab	Manufacturer	Littelfuse Inc.
PackageTO-220-3 Isolated Tab, Formed LeadsSeries-Voltage - Off State600VVoltage - 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-220-3 Isolated Tab, Formed LeadsSupplier Device PackageTO-220 Isolated Tab	Category	Discrete Semiconductor Products
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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)  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-220-3 Isolated Tab, Formed Leads  Supplier Device Package	Package	TO-220-3 Isolated Tab, Formed Leads
Voltage - 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-220-3 Isolated Tab, Formed LeadsSupplier 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)  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-220-3 Isolated Tab, Formed Leads  Supplier Device Package  TO-220 Isolated Tab	Voltage - Off State	600V
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)  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-220-3 Isolated Tab, Formed Leads  Supplier Device Package  TO-220 Isolated Tab	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-220-3 Isolated Tab, Formed Leads  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-220-3 Isolated Tab, Formed Leads  Supplier Device Package	Voltage - On State (Vtm) (Max)	1.6V
Current - Hold (Ih) (Max)  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-220-3 Isolated Tab, Formed Leads  Supplier Device Package	Current - On State (It (AV)) (Max)	5.1A
Current - Off State (Max) $10\mu A$ Current - Non Rep. Surge 50, 60Hz (Itsm) $83A$ , $100A$ SCR Type Standard Recovery Operating Temperature $-40^{\circ}C \sim 125^{\circ}C$ Mounting Type Through Hole Package / Case TO-220-3 Isolated Tab, Formed Leads Supplier Device Package	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-220-3 Isolated Tab, Formed Leads  Supplier Device Package  TO-220 Isolated Tab	Current - Hold (Ih) (Max)	30mA
SCR TypeStandard RecoveryOperating Temperature-40°C ~ 125°CMounting TypeThrough HolePackage / CaseTO-220-3 Isolated Tab, Formed LeadsSupplier Device PackageTO-220 Isolated Tab	Current - Off State (Max)	10μΑ
Operating Temperature  -40°C ~ 125°C  Mounting Type  Through Hole  Package / Case  TO-220-3 Isolated Tab, Formed Leads  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, Formed Leads Supplier Device Package TO-220 Isolated Tab	SCR Type	Standard Recovery
Package / Case TO-220-3 Isolated Tab, Formed Leads Supplier Device Package TO-220 Isolated Tab	Operating Temperature	-40°C ~ 125°C
Supplier Device Package TO-220 Isolated Tab	Mounting Type	Through Hole
	Package / Case	TO-220-3 Isolated Tab, Formed Leads
Report errors?	Supplier Device Package	TO-220 Isolated Tab
Title		Report errors?

### S6008L53 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.

# S6008L53 Payment Methods



















## S6008L53 Shipping Methods













If you have any question about S6008L53, please do not hesitate to contact us!

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