



### S2055W81 Information

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**Part Number** S2055W81 **Manufacturer** Littelfuse Inc.

Category Discrete Semiconductor Products

Thyristors - SCRs

**Description** SCR NON-SENS 200V 55A TO-218X

Package TO-218X-3 Non-Isolated

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.









# S2055W81 Specifications

Manufacturer         \$2055W81           Manufacturer         Littelfuse Inc.           Category         Discrete Semiconductor Products           Thyristors - SCRs           Package         TO-218X-3 Non-Isolated           Series         -           Voltage - Off State         200V           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 - Non Rep. Surge 50, 60Hz (Itsm)         550A, 650A           SCR Type         Standard Recovery           Operating Temperature         -40°C ~ 125°C           Mounting Type         Through Hole           Package / Case         TO-218X-3 Non-Isolated Mounting Tab		
Category         Discrete Semiconductor Products           Package         TO-218X-3 Non-Isolated           Series         -           Voltage - Off State         200V           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 - Non Rep. Surge 50, 60Hz (Itsm)         550A, 650A           SCR Type         Standard Recovery           Operating Temperature         40°C ~ 125°C           Mounting Type         Through Hole           Package / Case         TO-218X-3 Non-Isolated	Manufacturer Part Number	S2055W81
Package         TO-218X-3 Non-Isolated           Series         -           Voltage - Off State         200V           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)         10μA           Current - Non Rep. Surge 50, 60Hz (Itsm)         550A, 650A           SCR Type         Standard Recovery           Operating Temperature         -40°C ~ 125°C           Mounting Type         Through Hole           Package / Case         TO-218X-3 Non-Isolated	Manufacturer	Littelfuse Inc.
Package TO-218X-3 Non-Isolated  Series - Voltage - Off State 200V  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) 10µA  Current - Non Rep. Surge 50, 60Hz (Itsm) 550A, 650A  SCR Type Standard Recovery  Operating Temperature -40°C ~ 125°C  Mounting Type Through Hole  Package / Case TO-218X-3 Non-Isolated	Category	Discrete Semiconductor Products
Series         -           Voltage - Off State         200V           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)         10μA           Current - Non Rep. Surge 50, 60Hz (Itsm)         550A, 650A           SCR Type         Standard Recovery           Operating Temperature         -40°C ~ 125°C           Mounting Type         Through Hole           Package / Case         TO-218X-3 Non-Isolated		Thyristors - SCRs
Voltage - Off State200 VVoltage - Gate Trigger (Vgt) (Max)1.5 VCurrent - Gate Trigger (Igt) (Max)40mAVoltage - On State (Vtm) (Max)1.8 VCurrent - On State (It (AV)) (Max)35 ACurrent - On State (It (RMS)) (Max)55 ACurrent - Hold (Ih) (Max)60mACurrent - Off State (Max)10μACurrent - Non Rep. Surge 50, 60Hz (Itsm)550A, 650ASCR TypeStandard RecoveryOperating Temperature-40°C ~ 125°CMounting TypeThrough HolePackage / CaseTO-218X-3 Non-Isolated	Package	TO-218X-3 Non-Isolated
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Voltage - 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)10μACurrent - Non Rep. Surge 50, 60Hz (Itsm)550A, 650ASCR TypeStandard RecoveryOperating Temperature-40°C ~ 125°CMounting TypeThrough HolePackage / CaseTO-218X-3 Non-Isolated	Voltage - Gate Trigger (Vgt) (Max)	1.5V
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Current - Off State (Max) $10\mu A$ Current - Non Rep. Surge 50, 60Hz (Itsm) $550A, 650A$ SCR Type $Standard Recovery$ Operating Temperature $-40^{\circ}C \sim 125^{\circ}C$ Mounting Type $Through Hole$ Package / Case $TO-218X-3 Non-Isolated$	Current - On State (It (RMS)) (Max)	55A
Current - Non Rep. Surge 50, 60Hz (Itsm)  550A, 650A  SCR Type  Standard Recovery  Operating Temperature  -40°C ~ 125°C  Mounting Type  Through Hole  Package / Case  TO-218X-3 Non-Isolated	Current - Hold (Ih) (Max)	60mA
SCR TypeStandard RecoveryOperating Temperature-40°C ~ 125°CMounting TypeThrough HolePackage / CaseTO-218X-3 Non-Isolated	Current - Off State (Max)	10μΑ
Operating Temperature -40°C ~ 125°C  Mounting Type Through Hole  Package / Case TO-218X-3 Non-Isolated	Current - Non Rep. Surge 50, 60Hz (Itsm)	550A, 650A
Mounting Type Through Hole Package / Case TO-218X-3 Non-Isolated	SCR Type	Standard Recovery
Package / Case TO-218X-3 Non-Isolated	Operating Temperature	-40°C ~ 125°C
	Mounting Type	Through Hole
Supplier Device Package TO-218X Non-Isolated Mounting Tab	Package / Case	TO-218X-3 Non-Isolated
TO 21021 Non instance mounting two	Supplier Device Package	TO-218X Non-Isolated Mounting Tab
Report errors?		Report errors?

#### S2055W81 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.

# S2055W81 Payment Methods





















### S2055W81 Shipping Methods













If you have any question about S2055W81, please do not hesitate to contact us!

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