



S2070W82TP Information

Part Number S2070W82TP Manufacturer Littelfuse Inc.

Category Discrete Semiconductor Products

Thyristors - SCRs

Description SCR NON-SENS 200V 70A TO-218X

Package TO-218X-3 Non-Isolated

For the pricing/inventory/lead time, please contact

Website: https://www.heisener.com For Reference Only

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.









S2070W82TP Specifications

Manufacturer Part Number \$2070W82TP 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) 2V Current - Gate Trigger (Igt) (Max) 50mA Voltage - On State (Vtm) (Max) 1.8V Current - On State (It (AV)) (Max) 45A Current - On State (It (RMS)) (Max) 70A Current - Hold (Ih) (Max) 80mA Current - Off State (Max) 20μA Current - Non Rep. Surge 50, 60Hz (Itsm) 800A, 950A SCR Type Standard Recovery Operating Temperature -40°C ~ 125°C Mounting Type Through Hole Package / Case TO-218X-3 Non-Isolated Mounting Tab Supplier Device Package TO-218X Non-Isolated Mounting Tab		
CategoryDiscrete Semiconductor ProductsPackageTO-218X-3 Non-IsolatedSeries-Voltage - Off State200VVoltage - Gate Trigger (Vgt) (Max)50mAVoltage - On State (Vtm) (Max)1.8VCurrent - On State (It (AV)) (Max)45ACurrent - On State (It (RMS)) (Max)70ACurrent - Hold (Ih) (Max)80mACurrent - Off State (Max)20μACurrent - Non Rep. Surge 50, 60Hz (Itsm)800A, 950ASCR TypeStandard RecoveryOperating Temperature-40°C ~ 125°CMounting TypeThrough HolePackage / CaseTO-218X Non-IsolatedSupplier Device PackageTO-218X Non-Isolated Mounting Tab	Manufacturer Part Number	S2070W82TP
Thyristors - SCRs Package TO-218X-3 Non-Isolated Series - Voltage - Off State 200V Voltage - Gate Trigger (Vgt) (Max) 2V Current - Gate Trigger (Igt) (Max) 50mA Voltage - On State (Vtm) (Max) 1.8V Current - On State (It (AV)) (Max) 45A Current - On State (It (RMS)) (Max) 70A Current - Hold (Ih) (Max) 80mA Current - Hold (Ih) (Max) 20µA Current - Non Rep. Surge 50, 60Hz (Itsm) 800A, 950A SCR Type Standard Recovery Operating Temperature 40°C ~ 125°C Mounting Type Through Hole Package / Case TO-218X - 3 Non-Isolated Supplier Device Package	Manufacturer	Littelfuse Inc.
PackageTO-218X-3 Non-IsolatedSeries-Voltage - Off State200VVoltage - Gate Trigger (Vgt) (Max)2VCurrent - Gate Trigger (Igt) (Max)50mAVoltage - On State (Vtm) (Max)1.8VCurrent - On State (It (AV)) (Max)45ACurrent - On State (It (RMS)) (Max)70ACurrent - Hold (Ih) (Max)80mACurrent - Off State (Max)20μACurrent - Non Rep. Surge 50, 60Hz (Itsm)800A, 950ASCR TypeStandard RecoveryOperating Temperature-40°C ~ 125°CMounting TypeThrough HolePackage / CaseTO-218X Non-IsolatedSupplier Device PackageTO-218X Non-Isolated Mounting Tab	Category	Discrete Semiconductor Products
Series - Colorent - Gate Trigger (Vgt) (Max) 2V Current - Gate Trigger (Igt) (Max) 50mA Voltage - On State (Vtm) (Max) 1.8V Current - On State (It (AV)) (Max) 45A Current - On State (It (RMS)) (Max) 70A Current - Hold (Ih) (Max) 80mA Current - Off State (Max) 20µA Current - Non Rep. Surge 50, 60Hz (Itsm) 800A, 950A SCR Type Standard Recovery Operating Temperature -40°C ~ 125°C Mounting Type Through Hole Package / Case TO-218X-3 Non-Isolated Supplier Device Package		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 Standard Recovery Operating Temperature -40°C ~ 125°C Mounting Type Through Hole Package / Case TO-218X-3 Non-Isolated Supplier Device Package	Package	TO-218X-3 Non-Isolated
Voltage - Gate Trigger (Vgt) (Max)2VCurrent - Gate Trigger (Igt) (Max)50mAVoltage - On State (Vtm) (Max)1.8VCurrent - On State (It (AV)) (Max)45ACurrent - On State (It (RMS)) (Max)70ACurrent - Hold (Ih) (Max)80mACurrent - Off State (Max)20μACurrent - Non Rep. Surge 50, 60Hz (Itsm)800A, 950ASCR TypeStandard RecoveryOperating Temperature-40°C ~ 125°CMounting TypeThrough HolePackage / CaseTO-218X-3 Non-IsolatedSupplier Device PackageTO-218X Non-Isolated Mounting Tab	Series	-
Current - Gate Trigger (Igt) (Max) Voltage - On State (Vtm) (Max) 1.8V 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) 800A, 950A SCR Type Standard Recovery Operating Temperature -40°C ~ 125°C Mounting Type Through Hole Package / Case TO-218X-3 Non-Isolated Supplier Device Package TO-218X Non-Isolated Mounting Tab	Voltage - Off State	200V
Voltage - On State (Vtm) (Max) Current - On State (It (AV)) (Max) 45A Current - On State (It (RMS)) (Max) 70A Current - Hold (Ih) (Max) Current - Off State (Max) Current - Non Rep. Surge 50, 60Hz (Itsm) 800A, 950A SCR Type Standard Recovery Operating Temperature -40°C ~ 125°C Mounting Type Through Hole Package / Case TO-218X-3 Non-Isolated Supplier Device Package TO-218X Non-Isolated Mounting Tab	Voltage - Gate Trigger (Vgt) (Max)	2V
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 Standard Recovery Operating Temperature -40°C ~ 125°C Mounting Type Through Hole Package / Case TO-218X-3 Non-Isolated Supplier Device Package TO-218X Non-Isolated Mounting Tab	Current - Gate Trigger (Igt) (Max)	50mA
Current - On State (It (RMS)) (Max) Current - Hold (Ih) (Max) 80mA Current - Off State (Max) Current - Non Rep. Surge 50, 60Hz (Itsm) 800A, 950A SCR Type Standard Recovery Operating Temperature -40°C ~ 125°C Mounting Type Through Hole Package / Case TO-218X-3 Non-Isolated Supplier Device Package TO-218X Non-Isolated Mounting Tab	Voltage - On State (Vtm) (Max)	1.8V
Current - Hold (Ih) (Max)80mACurrent - Off State (Max)20μACurrent - Non Rep. Surge 50, 60Hz (Itsm)800A, 950ASCR TypeStandard RecoveryOperating Temperature-40°C ~ 125°CMounting TypeThrough HolePackage / CaseTO-218X-3 Non-IsolatedSupplier Device PackageTO-218X Non-Isolated Mounting Tab	Current - On State (It (AV)) (Max)	45A
Current - Off State (Max) $20\mu A$ Current - Non Rep. Surge 50, 60Hz (Itsm) $800A$, 950A $800A$,	Current - On State (It (RMS)) (Max)	70A
Current - Non Rep. Surge 50, 60Hz (Itsm) 800A, 950A SCR Type Standard Recovery -40°C ~ 125°C Mounting Type Through Hole Package / Case TO-218X-3 Non-Isolated Supplier Device Package TO-218X Non-Isolated Mounting Tab	Current - Hold (Ih) (Max)	80mA
SCR TypeStandard RecoveryOperating Temperature-40°C ~ 125°CMounting TypeThrough HolePackage / CaseTO-218X-3 Non-IsolatedSupplier Device PackageTO-218X Non-Isolated Mounting Tab	Current - Off State (Max)	20μΑ
Operating Temperature -40°C ~ 125°C Mounting Type Through Hole Package / Case TO-218X-3 Non-Isolated Supplier Device Package TO-218X Non-Isolated Mounting Tab	Current - Non Rep. Surge 50, 60Hz (Itsm)	800A, 950A
Mounting Type Through Hole Package / Case TO-218X-3 Non-Isolated Supplier Device Package TO-218X Non-Isolated Mounting Tab	SCR Type	Standard Recovery
Package / Case TO-218X-3 Non-Isolated Supplier Device Package TO-218X Non-Isolated Mounting Tab	Operating Temperature	-40°C ~ 125°C
Supplier Device Package TO-218X Non-Isolated Mounting Tab	Mounting Type	Through Hole
	Package / Case	TO-218X-3 Non-Isolated
Report errors?	Supplier Device Package	TO-218X Non-Isolated Mounting Tab
		Report errors?

S2070W82TP 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.

S2070W82TP Payment Methods



















S2070W82TP Shipping Methods













If you have any question about S2070W82TP, please do not hesitate to contact us!

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