



S4020LTP Information

Part Number S4020LTP **Manufacturer** Littelfuse Inc.

Category Discrete Semiconductor Products

Thyristors - SCRs

Description SCR GATE 400V 20A TO220

Package TO-220-3 Isolated Tab

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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S4020LTP Specifications

Manufacturer Part Number \$4020LTP Manufacturer Littelfuse Inc. Category Discrete Semiconductor Products Thyristors - SCRs Package TO-220-3 Isolated Tab Series - Voltage - Off State 400V Voltage - Gate Trigger (Vgt) (Max) 1.5V Current - Gate Trigger (Igt) (Max) 30mA Voltage - On State (Vtm) (Max) 1.6V Current - On State (It (AV)) (Max) 12.8A Current - On State (It (RMS)) (Max) 20A Current - Hold (Ih) (Max) 40mA Current - Off State (Max) 10μA Current - Non Rep. Surge 50, 60Hz (Itsm) 255A, 300A SCR Type Standard Recovery Operating Temperature -40°C ~ 125°C Mounting Type Through Hole Package / Case TO-220-3 Isolated Tab Supplier Device Package TO-220AB-L		
Category Discrete Semiconductor Products Thyristors - SCRs Package TO-220-3 Isolated Tab 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) 12.8A Current - On State (It (RMS)) (Max) 20A Current - Hold (Ih) (Max) 40mA Current - Hold (Ih) (Max) Current - Non Rep. Surge 50, 60Hz (Itsm) SCR Type Standard Recovery Operating Temperature A0°C ~ 125°C Mounting Type Through Hole Package / Case TO-220AB-L	Manufacturer Part Number	S4020LTP
Thyristors - SCRsPackageTO-220-3 Isolated TabSeries-Voltage - Off State400VVoltage - Gate Trigger (Vgt) (Max)1.5VCurrent - Gate Trigger (Igt) (Max)30mAVoltage - On State (Vtm) (Max)1.6VCurrent - On State (It (AV)) (Max)12.8ACurrent - On State (It (RMS)) (Max)20ACurrent - Hold (Ih) (Max)40mACurrent - Off State (Max)10μACurrent - Non Rep. Surge 50, 60Hz (Itsm)255A, 300ASCR TypeStandard RecoveryOperating Temperature-40°C ~ 125°CMounting TypeThrough HolePackage / CaseTO-220-3 Isolated TabSupplier Device PackageTO-220AB-L	Manufacturer	Littelfuse Inc.
PackageTO-220-3 Isolated TabSeries-Voltage - Off State400VVoltage - Gate Trigger (Vgt) (Max)1.5VCurrent - Gate Trigger (Igt) (Max)30mAVoltage - On State (Vtm) (Max)1.6VCurrent - On State (It (AV)) (Max)12.8ACurrent - On State (It (RMS)) (Max)20ACurrent - Hold (Ih) (Max)40mACurrent - Off State (Max)10μACurrent - Non Rep. Surge 50, 60Hz (Itsm)255A, 300ASCR TypeStandard RecoveryOperating Temperature-40°C ~ 125°CMounting TypeThrough HolePackage / CaseTO-220-3 Isolated TabSupplier Device PackageTO-220AB-L	Category	Discrete Semiconductor Products
Series-Voltage - Off State400VVoltage - Gate Trigger (Vgt) (Max)1.5VCurrent - Gate Trigger (Igt) (Max)30mAVoltage - On State (Vtm) (Max)1.6VCurrent - On State (It (AV)) (Max)12.8ACurrent - On State (It (RMS)) (Max)20ACurrent - Hold (Ih) (Max)40mACurrent - Off State (Max)10μACurrent - Non Rep. Surge 50, 60Hz (Itsm)255A, 300ASCR TypeStandard RecoveryOperating Temperature-40°C ~ 125°CMounting TypeThrough HolePackage / CaseTO-220-3 Isolated TabSupplier Device PackageTO-220AB-L		Thyristors - SCRs
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) 12.8A Current - On State (It (RMS)) (Max) 20A Current - Hold (Ih) (Max) 40mA Current - Off State (Max) 10μA Current - Non Rep. Surge 50, 60Hz (Itsm) SCR Type Standard Recovery Operating Temperature -40°C ~ 125°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) Current - Gate Trigger (Igt) (Max) Voltage - On State (Vtm) (Max) 1.6V Current - On State (It (AV)) (Max) 12.8A 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-220-3 Isolated Tab Supplier Device Package	Series	-
Current - Gate Trigger (Igt) (Max)30mAVoltage - On State (Vtm) (Max)1.6VCurrent - On State (It (AV)) (Max)12.8ACurrent - On State (It (RMS)) (Max)20ACurrent - Hold (Ih) (Max)40mACurrent - Off State (Max)10μACurrent - Non Rep. Surge 50, 60Hz (Itsm)255A, 300ASCR TypeStandard RecoveryOperating Temperature-40°C ~ 125°CMounting TypeThrough HolePackage / CaseTO-220-3 Isolated TabSupplier Device PackageTO-220AB-L	Voltage - Off State	400V
Voltage - On State (Vtm) (Max) Current - On State (It (AV)) (Max) 12.8A Current - On State (It (RMS)) (Max) 20A Current - Hold (Ih) (Max) Current - Off State (Max) 10μA Current - Non Rep. Surge 50, 60Hz (Itsm) 255A, 300A SCR Type Standard Recovery Operating Temperature -40°C ~ 125°C Mounting Type Through Hole Package / Case TO-220-3 Isolated Tab Supplier Device Package	Voltage - Gate Trigger (Vgt) (Max)	1.5V
Current - On State (It (AV)) (Max) Current - On State (It (RMS)) (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-220-3 Isolated Tab Supplier Device Package	Current - Gate Trigger (Igt) (Max)	30mA
Current - On State (It (RMS)) (Max) Current - Hold (Ih) (Max) 40mA Current - Off State (Max) 10µA Current - Non Rep. Surge 50, 60Hz (Itsm) 255A, 300A SCR Type Standard Recovery Operating Temperature -40°C ~ 125°C Mounting Type Through Hole Package / Case TO-220-3 Isolated Tab Supplier Device Package TO-220AB-L	Voltage - On State (Vtm) (Max)	1.6V
Current - Hold (Ih) (Max)40mACurrent - Off State (Max)10μACurrent - Non Rep. Surge 50, 60Hz (Itsm)255A, 300ASCR TypeStandard RecoveryOperating Temperature-40°C ~ 125°CMounting TypeThrough HolePackage / CaseTO-220-3 Isolated TabSupplier Device PackageTO-220AB-L	Current - On State (It (AV)) (Max)	12.8A
Current - Off State (Max)10μACurrent - Non Rep. Surge 50, 60Hz (Itsm)255A, 300ASCR TypeStandard RecoveryOperating Temperature-40°C ~ 125°CMounting TypeThrough HolePackage / CaseTO-220-3 Isolated TabSupplier Device PackageTO-220AB-L	Current - On State (It (RMS)) (Max)	20A
Current - Non Rep. Surge 50, 60Hz (Itsm) SCR Type Standard Recovery -40°C ~ 125°C Mounting Type Through Hole Package / Case TO-220-3 Isolated Tab Supplier Device Package	Current - Hold (Ih) (Max)	40mA
SCR TypeStandard RecoveryOperating Temperature-40°C ~ 125°CMounting TypeThrough HolePackage / CaseTO-220-3 Isolated TabSupplier Device PackageTO-220AB-L	Current - Off State (Max)	10μΑ
Operating Temperature -40°C ~ 125°C Mounting Type Through Hole Package / Case TO-220-3 Isolated Tab Supplier Device Package TO-220AB-L	Current - Non Rep. Surge 50, 60Hz (Itsm)	255A, 300A
Mounting Type Through Hole Package / Case TO-220-3 Isolated Tab Supplier Device Package TO-220AB-L	SCR Type	Standard Recovery
Package / Case TO-220-3 Isolated Tab Supplier Device Package TO-220AB-L	Operating Temperature	-40°C ~ 125°C
Supplier Device Package TO-220AB-L	Mounting Type	Through Hole
	Package / Case	TO-220-3 Isolated Tab
Report errors?	Supplier Device Package	TO-220AB-L
		Report errors?

S4020LTP 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.

S4020LTP Payment Methods



















S4020LTP Shipping Methods













If you have any question about S4020LTP, please do not hesitate to contact us!

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