

T106D1

T106D1 Information



Part Number	T106D1
Manufacturer	Littelfuse Inc.
Category	Discrete Semiconductor Products Thyristors - SCRs
Description	SCR SENSITIVE GATE 4.0A 400V
Package	TO-202 Long Tab
	For the pricing/inventory/lead time, please contact us Website: https://www.heisener.com E-mail: salesdept@heisener.com



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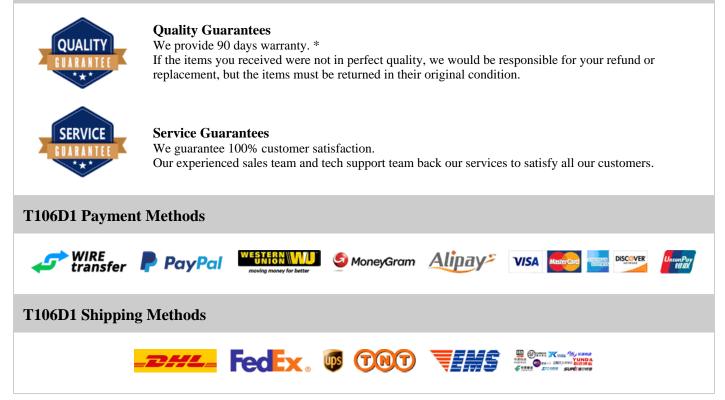
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T106D1 Specifications

Manufacturer Part Number T106D1 Manufacturer Littelfuse Inc. Category Discrete Semiconductor Products Package Thyristors - SCRs Package TO-202 Long Tab Series - Voltage - Off State 400V Voltage - Gate Trigger (Vgt) (Max) 800mV Current - Gate Trigger (Ugt) (Max) 20µA Voltage - On State (Vtm) (Max) 2.2V Current - On State (It (ANS)) (Max) 5mA Current - On State (It (ANS)) (Max) 4A Current - On State (It (ANS)) (Max) 5mA Current - On State (It (ANS)) (Max) 5mA Current - On State (It (ANS)) (Max) 6u/A Current - On State (It (ANS)) (Max) 5mA Current - On State (It (ANS)) (Max) 5mA Current - On State (It (ANS)) (Max) 6u/A Current - On State (It (ANS)) (Max) 5mA Current - On State (It (ANS)) 6u/A Current - On State (It (ANS)) 6u/A Current - On State (It (ANS)) 6u/A SCR Type Sensitive Gate Operating T		
CategoryDiscrete Semiconductor ProductsCategoryDiscrete Semiconductor ProductsPackageTO-202 Long TabPackage-Voltage - Off State400VVoltage - Off State200µACurrent - Gate Trigger (Igt) (Max)200µAVoltage - On State (Vtm) (Max)2.2VCurrent - On State (It (AV)) (Max)4ACurrent - On State (It (RMS)) (Max)4ACurrent - On State (It (RMS)) (Max)5mACurrent - Non Rep. Surge 50, 60Hz (Itsm)16A, 20ASCR TypeSensitive GateOperating Temperature-40°C ~ 110°CMounting TypeThrough HolePackage / CaseTO-202 Long TabSupplier Device PackageTO-202	Manufacturer Part Number	T106D1
PackageThyristors - SCRsPackageTO-202 Long TabSeries-Voltage - Off State400VVoltage - Gate Trigger (Vgt) (Max)800mVCurrent - Gate Trigger (Igt) (Max)200µAVoltage - On State (Vtm) (Max)2.2VCurrent - On State (It (AV)) (Max)2.5ACurrent - On State (It (RMS)) (Max)4ACurrent - On State (It (RMS)) (Max)5mACurrent - Hold (Ih) (Max)5mACurrent - Off State (Max)2µACurrent - Non Rep. Surge 50, 60Hz (Itsm)16A, 20ASCR TypeSensitive GateOperating Temperature-40°C ~ 110°CMounting TypeThrough HolePackage / CaseTO-202 Long TabSupplier Device PackageTO-202	Manufacturer	Littelfuse Inc.
PackageTO-202 Long TabSeries-Voltage - Off State400VVoltage - Gate Trigger (Vgt) (Max)800mVCurrent - Gate Trigger (Igt) (Max)200µAVoltage - On State (Vtm) (Max)2.2VCurrent - On State (It (AV)) (Max)2.5ACurrent - On State (It (RMS)) (Max)4ACurrent - Hold (Ih) (Max)2µACurrent - Hold (Ih) (Max)16A, 20ACurrent - On State (It (RMS))16A, 20ACurrent - Non Rep. Surge 50, 60Hz (Itsm)6ensitive GateOperating Temperature-40°C ~ 110°CMounting TypeThough HolePackage / CaseTO -202 Long TabSupplier Device PackageTO-202	Category	Discrete Semiconductor Products
Series-Voltage - Off State400VVoltage - Gate Trigger (Vgt) (Max)800mVCurrent - Gate Trigger (Igt) (Max)200µAVoltage - On State (Vtm) (Max)2.2VCurrent - On State (It (AV)) (Max)2.5ACurrent - On State (It (RMS)) (Max)4ACurrent - Hold (Ih) (Max)5mACurrent - Off State (Max)2µACurrent - Non Rep. Surge 50, 60Hz (Itsm)16A, 20ASCR TypeSensitive GateOperating Temperature-40°C ~ 110°CMounting TypeThrough HolePackage / CaseTO-202 Long TabSupplier Device PackageTO-202		Thyristors - SCRs
Voltage - Off State400VVoltage - Gate Trigger (Vgt) (Max)800mVCurrent - Gate Trigger (Igt) (Max)200μAVoltage - On State (Vtm) (Max)2.2VCurrent - On State (It (AV)) (Max)2.5ACurrent - On State (It (RMS)) (Max)4ACurrent - Hold (Ih) (Max)5mACurrent - Off State (Max)2μACurrent - Non Rep. Surge 50, 60Hz (Itsm)16A, 20ASCR TypeSensitive GateOperating Temperature-40°C ~110°CMounting TypeThrough HolePackage / CaseTO-202 Long Tab	Package	TO-202 Long Tab
Voltage - Gate Trigger (Vgt) (Max) 800mV Current - Gate Trigger (Igt) (Max) 200μA Voltage - On State (Vtm) (Max) 2.2V Current - On State (It (AV)) (Max) 2.5A Current - On State (It (RMS)) (Max) 4A Current - Hold (Ih) (Max) 5mA Current - Off State (Max) 2μA Current - Non Rep. Surge 50, 60Hz (Itsm) 16A, 20A SCR Type Sensitive Gate Operating Temperature -40°C ~ 110°C Mounting Type Through Hole Package / Case TO-202 Long Tab	Series	-
Current - Gate Trigger (Igt) (Max)200µAVoltage - On State (Vtm) (Max)2.2VCurrent - On State (It (AV)) (Max)2.5ACurrent - On State (It (RMS)) (Max)4ACurrent - Hold (Ih) (Max)5mACurrent - Off State (Max)2µACurrent - Off State (Max)16A, 20ASCR TypeSensitive GateOperating Temperature-40°C ~ 110°CMounting TypeThrough HolePackage / CaseTO-202 Long TabSupplier Device PackageTO-202	Voltage - Off State	400V
Voltage - On State (Vtm) (Max)2.2VCurrent - On State (It (AV)) (Max)2.5ACurrent - On State (It (RMS)) (Max)4ACurrent - Hold (Ih) (Max)5mACurrent - Off State (Max)2µACurrent - Non Rep. Surge 50, 60Hz (Itsm)16A, 20ASCR TypeSensitive GateOperating Temperature-40°C ~ 110°CMounting TypeThrough HolePackage / CaseTO-202 Long TabSupplier Device PackageTO-202	Voltage - Gate Trigger (Vgt) (Max)	800mV
Current - On State (It (AV)) (Max)2.5ACurrent - On State (It (RMS)) (Max)4ACurrent - Hold (Ih) (Max)5mACurrent - Off State (Max)2µACurrent - Non Rep. Surge 50, 60Hz (Itsm)16A, 20ASCR TypeSensitive GateOperating Temperature-40°C ~ 110°CMounting TypeThrough HolePackage / CaseTO-202 Long TabSupplier Device PackageTO-202	Current - Gate Trigger (Igt) (Max)	200µA
Current - On State (It (RMS)) (Max)4ACurrent - Hold (Ih) (Max)5mACurrent - Off State (Max)2μACurrent - Non Rep. Surge 50, 60Hz (Itsm)16A, 20ASCR TypeSensitive GateOperating Temperature-40°C ~ 110°CMounting TypeThrough HolePackage / CaseTO-202 Long TabSupplier Device PackageTO-202	Voltage - On State (Vtm) (Max)	2.2V
Current - Hold (Ih) (Max)5mACurrent - Off State (Max)2μACurrent - Non Rep. Surge 50, 60Hz (Itsm)16A, 20ASCR TypeSensitive GateOperating Temperature-40°C ~ 110°CMounting TypeThrough HolePackage / CaseTO-202 Long TabSupplier Device PackageTO-202	Current - On State (It (AV)) (Max)	2.5A
Current - Off State (Max)2μACurrent - Non Rep. Surge 50, 60Hz (Itsm)16A, 20ASCR TypeSensitive GateOperating Temperature-40°C ~ 110°CMounting TypeThrough HolePackage / CaseTO-202 Long TabSupplier Device PackageTO-202	Current - On State (It (RMS)) (Max)	4A
Current - Non Rep. Surge 50, 60Hz (Itsm)16A, 20ASCR TypeSensitive GateOperating Temperature-40°C ~ 110°CMounting TypeThrough HolePackage / CaseTO-202 Long TabSupplier Device PackageTO-202	Current - Hold (Ih) (Max)	5mA
SCR TypeSensitive GateOperating Temperature-40°C ~ 110°CMounting TypeThrough HolePackage / CaseTO-202 Long TabSupplier Device PackageTO-202	Current - Off State (Max)	2μΑ
Operating Temperature-40°C ~ 110°CMounting TypeThrough HolePackage / CaseTO-202 Long TabSupplier Device PackageTO-202	Current - Non Rep. Surge 50, 60Hz (Itsm)	16A, 20A
Mounting TypeThrough HolePackage / CaseTO-202 Long TabSupplier Device PackageTO-202	SCR Type	Sensitive Gate
Package / CaseTO-202 Long TabSupplier Device PackageTO-202	Operating Temperature	-40°C ~ 110°C
Supplier Device Package TO-202	Mounting Type	Through Hole
	Package / Case	TO-202 Long Tab
Report et	Supplier Device Package	TO-202
Reporter		Report errors?

T106D1 Guarantees



If you have any question about T106D1, please do not hesitate to contact us! Website: https://www.heisener.com E-mail: salesdept@heisener.com