

## **MCR106-8G Information**



For Reference Only

**Part Number** MCR106-8G **Manufacturer** Littelfuse Inc.

Category Discrete Semiconductor Products

Thyristors - SCRs

**Description** THYRISTOR SCR 4A 600V TO225AA

Package TO-225AA, TO-126-3

For the pricing/inventory/lead time, please contact

us

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.









## **MCR106-8G Specifications**

Manufacturer Part NumberMCR106-8GManufacturerLittelfuse Inc.CategoryDiscrete Semiconductor ProductsPackageTO-225AA, TO-126-3Series-Voltage - Off State600VVoltage - Gate Trigger (Vgt) (Max)1VCurrent - Gate Trigger (Igt) (Max)200μAVoltage - On State (Vtm) (Max)2VCurrent - On State (It (AV)) (Max)2.55ACurrent - On State (It (RMS)) (Max)4ACurrent - Hold (Ih) (Max)5mACurrent - Off State (Max)10μACurrent - Non Rep. Surge 50, 60Hz (Itsm)25A @ 60HzSCR TypeSensitive GateOperating Temperature-40°C ~ 110°CMounting TypeThrough HolePackage / CaseTO-225AA, TO-126-3Supplier Device PackageTO-225AA		
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Package         TO-225AA, TO-126-3           Series         -           Voltage - Off State         600V           Voltage - Gate Trigger (Vgt) (Max)         1V           Current - Gate Trigger (Igt) (Max)         200μA           Voltage - On State (Vtm) (Max)         2V           Current - On State (It (AV)) (Max)         2.55A           Current - On State (It (RMS)) (Max)         4A           Current - Hold (Ih) (Max)         5mA           Current - Off State (Max)         10μA           Current - Non Rep. Surge 50, 60Hz (Itsm)         25A @ 60Hz           SCR Type         Sensitive Gate           Operating Temperature         -40°C ~ 110°C           Mounting Type         Through Hole           Package / Case         TO-225AA, TO-126-3           Supplier Device Package         TO-225AA	Manufacturer	Littelfuse Inc.
Package         TO-225AA, TO-126-3           Series         -           Voltage - Off State         600V           Voltage - Gate Trigger (Vgt) (Max)         1V           Current - Gate Trigger (Igt) (Max)         200μA           Voltage - On State (Vtm) (Max)         2V           Current - On State (It (AV)) (Max)         4A           Current - On State (It (RMS)) (Max)         5mA           Current - Hold (Ih) (Max)         5mA           Current - Non Rep. Surge 50, 60Hz (Itsm)         25A @ 60Hz           SCR Type         Sensitive Gate           Operating Temperature         -40°C ~ 110°C           Mounting Type         Through Hole           Package / Case         TO-225AA, TO-126-3           Supplier Device Package         TO-225AA	Category	Discrete Semiconductor Products
Series-Voltage - Off State600 VVoltage - Gate Trigger (Vgt) (Max)1 VCurrent - Gate Trigger (Igt) (Max)200μAVoltage - On State (Vtm) (Max)2 VCurrent - On State (It (AV)) (Max)2.55 ACurrent - On State (It (RMS)) (Max)4ACurrent - Hold (Ih) (Max)5mACurrent - Off State (Max)10μACurrent - Non Rep. Surge 50, 60Hz (Itsm)25 A @ 60HzSCR TypeSensitive GateOperating Temperature-40°C ~ 110°CMounting TypeThrough HolePackage / CaseTO-225AA, TO-126-3Supplier Device PackageTO-225AA		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 - Off State (Max)  Current - Off State (Max)  Current - Non Rep. Surge 50, 60Hz (Itsm)  SCR Type  Sensitive Gate  Operating Temperature  -40°C ~ 110°C  Mounting Type  Through Hole  Package / Case  TO-225AA, TO-126-3  Supplier Device Package	Package	TO-225AA, TO-126-3
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 - 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  Sensitive Gate  Operating Temperature  Operating Type  Through Hole  Package / Case  TO-225AA, TO-126-3  Supplier Device Package	Series	-
Current - Gate Trigger (Igt) (Max)200μAVoltage - On State (Vtm) (Max)2VCurrent - On State (It (AV)) (Max)2.55ACurrent - On State (It (RMS)) (Max)4ACurrent - Hold (Ih) (Max)5mACurrent - Off State (Max)10μACurrent - Non Rep. Surge 50, 60Hz (Itsm)25A @ 60HzSCR TypeSensitive GateOperating Temperature-40°C ~ 110°CMounting TypeThrough HolePackage / CaseTO-225AA, TO-126-3Supplier Device PackageTO-225AA	Voltage - Off State	600V
Voltage - On State (Vtm) (Max)  Current - On State (It (AV)) (Max)  Current - On State (It (RMS)) (Max)  4A  Current - Hold (Ih) (Max)  Current - Off State (Max)  Current - Non Rep. Surge 50, 60Hz (Itsm)  SCR Type  Sensitive Gate  Operating Temperature  -40°C ~ 110°C  Mounting Type  Through Hole  Package / Case  TO-225AA, TO-126-3  Supplier Device Package	Voltage - Gate Trigger (Vgt) (Max)	1V
Current - On State (It (AV)) (Max)  Current - On State (It (RMS)) (Max)  4A  Current - Hold (Ih) (Max)  5mA  Current - Off State (Max)  10µA  Current - Non Rep. Surge 50, 60Hz (Itsm)  5CR Type  Sensitive Gate  Operating Temperature  -40°C ~ 110°C  Mounting Type  Through Hole  Package / Case  TO-225AA, TO-126-3  Supplier Device Package	Current - Gate Trigger (Igt) (Max)	200μΑ
Current - On State (It (RMS)) (Max)  Current - Hold (Ih) (Max)  5mA  Current - Off State (Max)  10µA  Current - Non Rep. Surge 50, 60Hz (Itsm)  25A @ 60Hz  SCR Type  Sensitive Gate  Operating Temperature  -40°C ~ 110°C  Mounting Type  Through Hole  Package / Case  TO-225AA, TO-126-3  Supplier Device Package	Voltage - On State (Vtm) (Max)	2V
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Current - Non Rep. Surge 50, 60Hz (Itsm)  SCR Type  Sensitive Gate  Operating Temperature  -40°C ~ 110°C  Mounting Type  Through Hole  Package / Case  TO-225AA, TO-126-3  Supplier Device Package	Current - Hold (Ih) (Max)	5mA
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Operating Temperature  -40°C ~ 110°C  Mounting Type  Through Hole  Package / Case  TO-225AA, TO-126-3  Supplier Device Package  TO-225AA	Current - Non Rep. Surge 50, 60Hz (Itsm)	25A @ 60Hz
Mounting Type Through Hole Package / Case TO-225AA, TO-126-3 Supplier Device Package TO-225AA	SCR Type	Sensitive Gate
Package / Case TO-225AA, TO-126-3 Supplier Device Package TO-225AA	Operating Temperature	-40°C ~ 110°C
Supplier Device Package TO-225AA	Mounting Type	Through Hole
	Package / Case	TO-225AA, TO-126-3
Report errors?	Supplier Device Package	TO-225AA
		Report errors?

### MCR106-8G 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.

## MCR106-8G Payment Methods





















## MCR106-8G Shipping Methods













If you have any question about MCR106-8G, please do not hesitate to contact us!

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