



### **N0118GAML Information**

www.halsager.com

For Reference Only

Part Number N0118GAML

Manufacturer WeEn Semiconductors

**Category** Discrete Semiconductor Products

Thyristors - SCRs

**Description** THYRISTOR SCR 600V 8A TO-92 **Package** TO-226-3, TO-92-3 (TO-226AA)

For the pricing/inventory/lead time, please contact

us

Website: https://www.heisener.com 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.









# **N0118GAML Specifications**

Manufacturer Part NumberN0118GAMLManufacturerWeEn SemiconductorsCategoryDiscrete Semiconductor ProductsPackageTO-226-3, TO-92-3 (TO-226AA)Series-Voltage - Off State600VVoltage - Gate Trigger (Vgt) (Max)800mVCurrent - Gate Trigger (Igt) (Max)7μAVoltage - On State (Vtm) (Max)1.95VCurrent - On State (It (AV)) (Max)510mACurrent - On State (It (RMS)) (Max)800mACurrent - Hold (Ih) (Max)5mACurrent - Hold (Ih) (Max)10μACurrent - Non Rep. Surge 50, 60Hz (Itsm)8A, 9ASCR TypeSensitive GateOperating Temperature-40°C ~ 125°CMounting TypeThrough HolePackage / CaseTO-226-3, TO-92-3 (TO-226AA)Supplier Device PackageTO-92		
CategoryDiscrete Semiconductor ProductsThyristors - SCRsPackageTO-226-3, TO-92-3 (TO-226AA)Series-Voltage - Off State600VVoltage - Gate Trigger (Vgt) (Max)800mVCurrent - Gate Trigger (Igt) (Max)7μAVoltage - On State (Vtm) (Max)1.95VCurrent - On State (It (AV)) (Max)510mACurrent - On State (It (RMS)) (Max)800mACurrent - Hold (Ih) (Max)5mACurrent - Hold (Ih) (Max)10μACurrent - Non Rep. Surge 50, 60Hz (Itsm)8A, 9ASCR TypeSensitive GateOperating Temperature-40°C ~ 125°CMounting TypeThrough HolePackage / CaseTO-226-3, TO-92-3 (TO-226AA)Supplier Device PackageTO-92	Manufacturer Part Number	N0118GAML
Package         TO-226-3, TO-92-3 (TO-226AA)           Series         -           Voltage - Off State         600V           Voltage - Gate Trigger (Vgt) (Max)         800mV           Current - Gate Trigger (Igt) (Max)         7μA           Voltage - On State (Vtm) (Max)         1.95V           Current - On State (It (AV)) (Max)         510mA           Current - On State (It (RMS)) (Max)         800mA           Current - Hold (Ih) (Max)         5mA           Current - Off State (Max)         10μA           Current - Non Rep. Surge 50, 60Hz (Itsm)         8A, 9A           SCR Type         Sensitive Gate           Operating Temperature         -40°C ~ 125°C           Mounting Type         Through Hole           Package / Case         TO-226-3, TO-92-3 (TO-226AA)           Supplier Device Package         TO-92	Manufacturer	WeEn Semiconductors
Package       TO-226-3, TO-92-3 (TO-226AA)         Series       -         Voltage - Off State       600V         Voltage - Gate Trigger (Vgt) (Max)       800mV         Current - Gate Trigger (Igt) (Max)       7μA         Voltage - On State (Vtm) (Max)       1.95V         Current - On State (It (AV)) (Max)       510mA         Current - On State (It (RMS)) (Max)       800mA         Current - Hold (Ih) (Max)       5mA         Current - Off State (Max)       10μA         Current - Non Rep. Surge 50, 60Hz (Itsm)       8A, 9A         SCR Type       Sensitive Gate         Operating Temperature       -40°C ~ 125°C         Mounting Type       Through Hole         Package / Case       TO-226-3, TO-92-3 (TO-226AA)         Supplier Device Package       TO-92	Category	Discrete Semiconductor Products
Series-Voltage - Off State600VVoltage - Gate Trigger (Vgt) (Max)800mVCurrent - Gate Trigger (Igt) (Max)7μAVoltage - On State (Vtm) (Max)1.95 VCurrent - On State (It (AV)) (Max)510mACurrent - On State (It (RMS)) (Max)800mACurrent - Hold (Ih) (Max)5mACurrent - Off State (Max)10μACurrent - Non Rep. Surge 50, 60Hz (Itsm)8A, 9ASCR TypeSensitive GateOperating Temperature-40°C ~ 125°CMounting TypeThrough HolePackage / CaseTO-226-3, TO-92-3 (TO-226AA)Supplier Device PackageTO-92		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 - 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 ~ 125°C  Mounting Type  Through Hole  Package / Case  TO-226-3, TO-92-3 (TO-226AA)  Supplier Device Package	Package	TO-226-3, TO-92-3 (TO-226AA)
Voltage - Gate Trigger (Vgt) (Max)800mVCurrent - Gate Trigger (Igt) (Max)7μAVoltage - On State (Vtm) (Max)1.95VCurrent - On State (It (AV)) (Max)510mACurrent - On State (It (RMS)) (Max)800mACurrent - Hold (Ih) (Max)5mACurrent - Off State (Max)10μACurrent - Non Rep. Surge 50, 60Hz (Itsm)8A, 9ASCR TypeSensitive GateOperating Temperature-40°C ~ 125°CMounting TypeThrough HolePackage / CaseTO-226-3, TO-92-3 (TO-226AA)Supplier Device PackageTO-92	Series	-
Current - Gate Trigger (Igt) (Max)7μAVoltage - On State (Vtm) (Max)1.95 VCurrent - On State (It (AV)) (Max)510mACurrent - On State (It (RMS)) (Max)800mACurrent - Hold (Ih) (Max)5mACurrent - Off State (Max)10μACurrent - Non Rep. Surge 50, 60Hz (Itsm)8A, 9ASCR TypeSensitive GateOperating Temperature-40°C ~ 125°CMounting TypeThrough HolePackage / CaseTO-226-3, TO-92-3 (TO-226AA)Supplier Device PackageTO-92	Voltage - Off State	600V
Voltage - On State (Vtm) (Max)  Current - On State (It (AV)) (Max)  510mA  Current - On State (It (RMS)) (Max)  800mA  Current - Hold (Ih) (Max)  5mA  Current - Off State (Max)  10μA  Current - Non Rep. Surge 50, 60Hz (Itsm)  8A, 9A  SCR Type  Sensitive Gate  Operating Temperature  -40°C ~ 125°C  Mounting Type  Through Hole  Package / Case  TO-226-3, TO-92-3 (TO-226AA)  Supplier Device Package	Voltage - Gate Trigger (Vgt) (Max)	800mV
Current - On State (It (AV)) (Max)  Current - On State (It (RMS)) (Max)  800mA  Current - Hold (Ih) (Max)  5mA  Current - Off State (Max)  10µA  Current - Non Rep. Surge 50, 60Hz (Itsm)  8A, 9A  SCR Type  Sensitive Gate  Operating Temperature  -40°C ~ 125°C  Mounting Type  Through Hole  Package / Case  TO-226-3, TO-92-3 (TO-226AA)  Supplier Device Package	Current - Gate Trigger (Igt) (Max)	7μΑ
Current - On State (It (RMS)) (Max)  Current - Hold (Ih) (Max)  5mA  Current - Off State (Max)  10µA  Current - Non Rep. Surge 50, 60Hz (Itsm)  8A, 9A  SCR Type  Sensitive Gate  Operating Temperature  -40°C ~ 125°C  Mounting Type  Through Hole  Package / Case  TO-226-3, TO-92-3 (TO-226AA)  Supplier Device Package  TO-92	Voltage - On State (Vtm) (Max)	1.95V
Current - Hold (Ih) (Max)5mACurrent - Off State (Max)10μACurrent - Non Rep. Surge 50, 60Hz (Itsm)8A, 9ASCR TypeSensitive GateOperating Temperature-40°C ~ 125°CMounting TypeThrough HolePackage / CaseTO-226-3, TO-92-3 (TO-226AA)Supplier Device PackageTO-92	Current - On State (It (AV)) (Max)	510mA
Current - Off State (Max)10μACurrent - Non Rep. Surge 50, 60Hz (Itsm)8A, 9ASCR TypeSensitive GateOperating Temperature-40°C ~ 125°CMounting TypeThrough HolePackage / CaseTO-226-3, TO-92-3 (TO-226AA)Supplier Device PackageTO-92	Current - On State (It (RMS)) (Max)	800mA
Current - Non Rep. Surge 50, 60Hz (Itsm)  SCR Type  Sensitive Gate  -40°C ~ 125°C  Mounting Type  Through Hole  Package / Case  TO-226-3, TO-92-3 (TO-226AA)  Supplier Device Package	Current - Hold (Ih) (Max)	5mA
SCR TypeSensitive GateOperating Temperature-40°C ~ 125°CMounting TypeThrough HolePackage / CaseTO-226-3, TO-92-3 (TO-226AA)Supplier Device PackageTO-92	Current - Off State (Max)	10μΑ
Operating Temperature -40°C ~ 125°C  Mounting Type Through Hole Package / Case TO-226-3, TO-92-3 (TO-226AA)  Supplier Device Package TO-92	Current - Non Rep. Surge 50, 60Hz (Itsm)	8A, 9A
Mounting Type Through Hole Package / Case TO-226-3, TO-92-3 (TO-226AA) Supplier Device Package TO-92	SCR Type	Sensitive Gate
Package / Case TO-226-3, TO-92-3 (TO-226AA) Supplier Device Package TO-92	Operating Temperature	-40°C ~ 125°C
Supplier Device Package TO-92	Mounting Type	Through Hole
	Package / Case	TO-226-3, TO-92-3 (TO-226AA)
Report errors?	Supplier Device Package	TO-92
		Report errors?

### **N0118GAML 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.

## **N0118GAML Payment Methods**



















## **N0118GAML Shipping Methods**













If you have any question about N0118GAML, please do not hesitate to contact us!

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