

### **XL0840 Information**



For Reference Only

Part Number XL0840

Manufacturer STMicroelectronics

**Category** Discrete Semiconductor Products

Thyristors - SCRs

**Description** SCR 0.8A 400V TO-92-3

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



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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.









# **XL0840 Specifications**

Manufacturer Part Number         XL0840           Manufacturer         STMicroelectronics           Category         Discrete Semiconductor Products           Thyristors - SCRs           Package         TO-226-3, TO-92-3 (TO-226AA)           Series         -           Voltage - Off State         400V           Voltage - Gate Trigger (Vgt) (Max)         800mV           Current - Gate Trigger (Igt) (Max)         200μA           Voltage - On State (Vtm) (Max)         1.95V           Current - On State (It (AV)) (Max)         500mA           Current - On State (It (RMS)) (Max)         800mA           Current - Hold (Ih) (Max)         5mA           Current - Off State (Max)         1μA           Current - Non Rep. Surge 50, 60Hz (Itsm)         7A, 8A           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-92-3		
Category         Discrete Semiconductor Products           Thyristors - SCRs           Package         TO-226-3, TO-92-3 (TO-226AA)           Series         -           Voltage - Off State         400V           Voltage - Gate Trigger (Vgt) (Max)         800mV           Current - Gate Trigger (Igt) (Max)         200μA           Voltage - On State (Vtm) (Max)         1.95 V           Current - On State (It (AV)) (Max)         500mA           Current - On State (It (RMS)) (Max)         800mA           Current - Hold (Ih) (Max)         5mA           Current - Non Rep. Surge 50, 60Hz (Itsm)         7A, 8A           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-92-3	Manufacturer Part Number	XL0840
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Series-Voltage - Off State400VVoltage - Gate Trigger (Vgt) (Max)800mVCurrent - Gate Trigger (Igt) (Max)200μAVoltage - On State (Vtm) (Max)1.95 VCurrent - On State (It (AV)) (Max)500mACurrent - On State (It (RMS)) (Max)800mACurrent - Hold (Ih) (Max)5mACurrent - Off State (Max)1μACurrent - Non Rep. Surge 50, 60Hz (Itsm)7A, 8ASCR TypeSensitive GateOperating Temperature-40°C ~ 125°CMounting TypeThrough HolePackage / CaseTO-226-3, TO-92-3 (TO-226AA)Supplier Device PackageTO-92-3		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)
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Current - On State (It (RMS)) (Max)800mACurrent - Hold (Ih) (Max)5mACurrent - Off State (Max)1μACurrent - Non Rep. Surge 50, 60Hz (Itsm)7A, 8ASCR TypeSensitive GateOperating Temperature-40°C ~ 125°CMounting TypeThrough HolePackage / CaseTO-226-3, TO-92-3 (TO-226AA)Supplier Device PackageTO-92-3	Voltage - On State (Vtm) (Max)	1.95V
Current - Hold (Ih) (Max)  Current - Off State (Max)  LµA  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	Current - On State (It (AV)) (Max)	500mA
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Supplier Device Package TO-92-3	Mounting Type	Through Hole
	Package / Case	TO-226-3, TO-92-3 (TO-226AA)
Report errors?	Supplier Device Package	TO-92-3
		Report errors?

### **XL0840 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.

## **XL0840 Payment Methods**



















### **XL0840 Shipping Methods**













If you have any question about XL0840, please do not hesitate to contact us!

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