

# S8012V

#### **S8012V Information**



Part Number	S8012V
Manufacturer	Littelfuse Inc.
Category	Discrete Semiconductor Products Thyristors - SCRs
Description	SCR NON-SENS 800V 12A TO-251AA
Package	TO-251-3 Short Leads, IPak, TO-251AA
	For the pricing/inventory/lead time, please contact us Website: https://www.heisener.com E-mail: salesdept@heisener.com



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For Reference Only

## **Certified Quality**

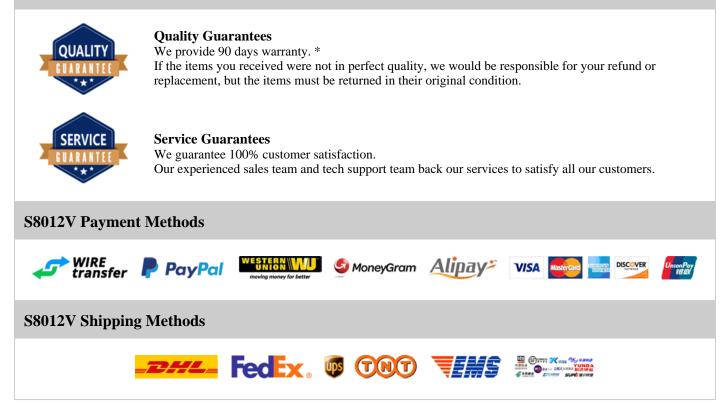
Heisener's commitment to quality has shaped our processes for sourcing, testing, shipping, and every step in between. This foundation underlies each component we sell.



### **S8012V Specifications**

Manufacturer Part Number	S8012V
Manufacturer	Littelfuse Inc.
Category	Discrete Semiconductor Products
	Thyristors - SCRs
Package	TO-251-3 Short Leads, IPak, TO-251AA
Series	-
Voltage - Off State	800V
Voltage - Gate Trigger (Vgt) (Max)	1.5V
Current - Gate Trigger (Igt) (Max)	20mA
Voltage - On State (Vtm) (Max)	1.6V
Current - On State (It (AV)) (Max)	7.6A
Current - On State (It (RMS)) (Max)	12A
Current - Hold (Ih) (Max)	40mA
Current - Off State (Max)	20μΑ
Current - Non Rep. Surge 50, 60Hz (Itsm)	100A, 120A
SCR Type	Standard Recovery
Operating Temperature	$-40^{\circ}\text{C} \sim 125^{\circ}\text{C}$
Mounting Type	Through Hole
Package / Case	TO-251-3 Short Leads, IPak, TO-251AA
Supplier Device Package	TO-251 (V-Pak/I-Pak)
	Report errors?

#### **S8012V Guarantees**



If you have any question about S8012V, please do not hesitate to contact us! Website: https://www.heisener.com E-mail: salesdept@heisener.com