

**P0109AL 5AA4 Information**


For Reference Only

**Part Number** [P0109AL 5AA4](#)  
**Manufacturer** STMicroelectronics  
**Category** Discrete Semiconductor Products  
                   [Thyristors - SCRs](#)  
**Description** SCR 100V 250MA SOT23-3  
**Package** TO-236-3, SC-59, SOT-23-3  
 For the pricing/inventory/lead time, please contact us  
 Website: <https://www.heisener.com>  
 E-mail: [salesdept@heisener.com](mailto: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.


**P0109AL 5AA4 Specifications**

Manufacturer Part Number	<a href="#">P0109AL 5AA4</a>
Manufacturer	STMicroelectronics
Category	Discrete Semiconductor Products <a href="#">Thyristors - SCRs</a>
Package	TO-236-3, SC-59, SOT-23-3
Series	-
Voltage - Off State	100V
Voltage - Gate Trigger (Vgt) (Max)	800mV
Current - Gate Trigger (Igt) (Max)	1μA
Voltage - On State (Vtm) (Max)	1.7V
Current - On State (It (AV)) (Max)	160mA
Current - On State (It (RMS)) (Max)	250mA
Current - Hold (Ih) (Max)	6mA
Current - Off State (Max)	1μA
Current - Non Rep. Surge 50, 60Hz (Itsm)	6A, 7A
SCR Type	Sensitive Gate
Operating Temperature	-40°C ~ 125°C
Mounting Type	Surface Mount
Package / Case	TO-236-3, SC-59, SOT-23-3
Supplier Device Package	SOT-23-3L
	<a href="#">Report errors?</a>

## P0109AL 5AA4 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.

## P0109AL 5AA4 Payment Methods



## P0109AL 5AA4 Shipping Methods



If you have any question about P0109AL 5AA4, please do not hesitate to contact us!

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E-mail: [salesdept@heisener.com](mailto:salesdept@heisener.com)