

**1SMA48CAT3G Information**


For Reference Only

**Part Number** [1SMA48CAT3G](#)  
**Manufacturer** Littelfuse Inc.  
**Category** Circuit Protection  
[TVS - Diodes](#)  
**Description** TVS DIODE 48VWM 77.4VC SMA  
**Package** DO-214AC, SMA  
 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.


**1SMA48CAT3G Specifications**

Manufacturer Part Number	<a href="#">1SMA48CAT3G</a>
Manufacturer	Littelfuse Inc.
Category	Circuit Protection <a href="#">TVS - Diodes</a>
Package	DO-214AC, SMA
Series	Automotive, AEC-Q101
Type	Zener
Unidirectional Channels	-
Bidirectional Channels	1
Voltage - Reverse Standoff (Typ)	48V
Voltage - Breakdown (Min)	53.3V
Voltage - Clamping (Max) @ Ipp	77.4V
Current - Peak Pulse (10/1000µs)	5.2A
Power - Peak Pulse	400W
Power Line Protection	No
Applications	Automotive
Capacitance @ Frequency	135pF @ 1MHz
Operating Temperature	-65°C ~ 150°C (TJ)
Mounting Type	Surface Mount
Package / Case	DO-214AC, SMA
Supplier Device Package	SMA

[Report errors?](#)

## 1SMA48CAT3G 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.

## 1SMA48CAT3G Payment Methods



## 1SMA48CAT3G Shipping Methods



If you have any question about 1SMA48CAT3G, please do not hesitate to contact us!

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