

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



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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.



1SMA48CAT3G Specifications

Manufacturer Part Number	1SMA48CAT3G
Manufacturer	Littelfuse Inc.
Category	Circuit Protection
	TVS - Diodes
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

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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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