



## **1SMB43CAT3G Information**



For Reference Only

Part Number 1SMB43CAT3G
Manufacturer Littelfuse Inc.
Category Circuit Protection
TVS - Diodes

**Description** TVS DIODE 43VWM 69.4VC SMB

Package DO-214AA, SMB

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.









### **1SMB43CAT3G Specifications**

Manufacturer         Littelfuse Inc.           Category         Circuit Protection           TVS - Diodes           Package         DO-214AA, SMB           Series         Automotive, AEC-Q101           Type         Zener           Unidirectional Channels         -           Bidirectional Channels         1           Voltage - Reverse Standoff (Typ)         43V           Voltage - Breakdown (Min)         47.8V           Voltage - Clamping (Max) @ Ipp         69.4V           Current - Peak Pulse (10/1000µs)         8.6A           Power - Peak Pulse         600W           Power Line Protection         No           Applications         Automotive           Capacitance @ Frequency         210pF @ 1MHz           Operating Temperature         -65°C ~ 150°C (TJ)           Mounting Type         Surface Mount           Package / Case         DO-214AA, SMB           Supplier Device Package         SMB		
Category         Circuit Protection           TVS - Diodes           Package         DO-214AA, SMB           Series         Automotive, AEC-Q101           Type         Zener           Unidirectional Channels         -           Bidirectional Channels         1           Voltage - Reverse Standoff (Typ)         43V           Voltage - Breakdown (Min)         47.8V           Voltage - Clamping (Max) @ Ipp         69.4V           Current - Peak Pulse (10/1000µs)         8.6A           Power - Peak Pulse         600W           Power Line Protection         No           Applications         Automotive           Capacitance @ Frequency         210pF @ 1MHz           Operating Temperature         -65°C ~ 150°C (TI)           Mounting Type         Surface Mount           Package / Case         DO-214AA, SMB           Supplier Device Package         SMB	Manufacturer Part Number	1SMB43CAT3G
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PackageDO-214AA, SMBSeriesAutomotive, AEC-Q101TypeZenerUnidirectional Channels-Bidirectional Channels1Voltage - Reverse Standoff (Typ)43VVoltage - Breakdown (Min)47.8VVoltage - Clamping (Max) @ Ipp69.4VCurrent - Peak Pulse (10/1000μs)8.6APower - Peak Pulse600WPower Line ProtectionNoApplicationsAutomotiveCapacitance @ Frequency210pF @ 1MHzOperating Temperature-65°C ~ 150°C (TJ)Mounting TypeSurface MountPackage / CaseDO-214AA, SMBSupplier Device PackageSMB	Category	Circuit Protection
Series Automotive, AEC-Q101 Type Zener Unidirectional Channels - Bidirectional Channels 1 Voltage - Reverse Standoff (Typ) 43V Voltage - Breakdown (Min) 47.8V Voltage - Clamping (Max) @ Ipp 69.4V Current - Peak Pulse (10/1000µs) 8.6A Power - Peak Pulse 600W Power Line Protection No Applications Automotive Capacitance @ Frequency 210pF @ 1MHz Operating Temperature -65°C ~ 150°C (TJ) Mounting Type Surface Mount Package / Case DO-214AA, SMB Supplier Device Package		TVS - Diodes
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Unidirectional Channels  Bidirectional Channels  1  Voltage - Reverse Standoff (Typ)  43V  Voltage - Breakdown (Min)  47.8V  Voltage - Clamping (Max) @ Ipp  69.4V  Current - Peak Pulse (10/1000µs)  8.6A  Power - Peak Pulse  600W  Power Line Protection  No  Applications  Automotive  Capacitance @ Frequency  210pF @ 1MHz  Operating Temperature  -65°C ~ 150°C (TJ)  Mounting Type  Surface Mount  Package / Case  DO-214AA, SMB  Supplier Device Package	Series	Automotive, AEC-Q101
Bidirectional Channels  Voltage - Reverse Standoff (Typ)  43V  Voltage - Breakdown (Min)  47.8V  Voltage - Clamping (Max) @ Ipp  69.4V  Current - Peak Pulse (10/1000µs)  8.6A  Power - Peak Pulse  600W  Power Line Protection  No  Applications  Automotive  Capacitance @ Frequency  210pF @ 1MHz  Operating Temperature  -65°C ~ 150°C (TJ)  Mounting Type  Surface Mount  Package / Case  DO-214AA, SMB  Supplier Device Package	Туре	Zener
Voltage - Reverse Standoff (Typ)  Voltage - Breakdown (Min)  Voltage - Clamping (Max) @ Ipp  69.4V  Current - Peak Pulse (10/1000μs)  Power - Peak Pulse  600W  Power Line Protection  Applications  Automotive  Capacitance @ Frequency  Operating Temperature  Automotive  210pF @ 1MHz  Operating Type  Surface Mount  Package / Case  DO-214AA, SMB  Supplier Device Package	Unidirectional Channels	-
Voltage - Breakdown (Min)  Voltage - Clamping (Max) @ Ipp  69.4V  Current - Peak Pulse (10/1000μs)  8.6A  Power - Peak Pulse  600W  Power Line Protection  No  Applications  Automotive  Capacitance @ Frequency  210pF @ 1MHz  Operating Temperature  -65°C ~ 150°C (TJ)  Mounting Type  Surface Mount  Package / Case  Supplier Device Package  SMB	Bidirectional Channels	1
Voltage - Clamping (Max) @ Ipp 69.4V  Current - Peak Pulse (10/1000µs) 8.6A  Power - Peak Pulse 600W  Power Line Protection No  Applications Automotive  Capacitance @ Frequency 210pF @ 1MHz  Operating Temperature -65°C ~ 150°C (TJ)  Mounting Type Surface Mount  Package / Case DO-214AA, SMB  Supplier Device Package SMB	Voltage - Reverse Standoff (Typ)	43V
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Power - Peak Pulse 600W  Power Line Protection No Applications Automotive  Capacitance @ Frequency 210pF @ 1MHz  Operating Temperature -65°C ~ 150°C (TJ)  Mounting Type Surface Mount  Package / Case DO-214AA, SMB  Supplier Device Package SMB	Voltage - Clamping (Max) @ Ipp	69.4V
Power Line Protection  Applications  Capacitance @ Frequency  Operating Temperature  Operating Type  Mounting Type  Surface Mount  Package / Case  Supplier Device Package  No  Automotive  210pF @ 1MHz  -65°C ~ 150°C (TJ)  Surface Mount  DO-214AA, SMB  SMB	Current - Peak Pulse (10/1000µs)	8.6A
Applications  Capacitance @ Frequency  Operating Temperature  Automotive  210pF @ 1MHz  -65°C ~ 150°C (TJ)  Surface Mount  Package / Case  DO-214AA, SMB  Supplier Device Package  SMB	Power - Peak Pulse	600W
Capacitance @ Frequency  Operating Temperature  -65°C ~ 150°C (TJ)  Mounting Type  Surface Mount  Package / Case  DO-214AA, SMB  Supplier Device Package  SMB	Power Line Protection	No
Operating Temperature  -65°C ~ 150°C (TJ)  Mounting Type  Surface Mount  Package / Case  DO-214AA, SMB  Supplier Device Package  SMB	Applications	Automotive
Mounting Type Surface Mount Package / Case DO-214AA, SMB Supplier Device Package SMB	Capacitance @ Frequency	210pF @ 1MHz
Package / Case DO-214AA, SMB Supplier Device Package SMB	Operating Temperature	-65°C ~ 150°C (TJ)
Supplier Device Package SMB	Mounting Type	Surface Mount
	Package / Case	DO-214AA, SMB
Report errors?	Supplier Device Package	SMB
		Report errors?

#### **1SMB43CAT3G 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.

## **1SMB43CAT3G Payment Methods**



















### **1SMB43CAT3G Shipping Methods**













If you have any question about 1SMB43CAT3G, please do not hesitate to contact us!

Website: https://www.heisener.com E-mail: salesdept@heisener.com