



### P6SMB440AHE3\_A/H Information



For Reference Only

Part Number P6SMB440AHE3\_A/H

Manufacturer Vishay Semiconductor Diodes Division

Category Circuit Protection TVS - Diodes

**Description** TVS DIODE 376VWM 602VC DO-214AA

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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# P6SMB440AHE3\_A/H Specifications

Manufacturer Part Number  Manufacturer  Vishay Semiconductor Diodes Division  Category  Circuit Protection  TVS - Diodes  Package  DO-214AA, SMB  Series  Automotive, AEC-Q101, P6SMB, TransZorb?  Type  Zener  Unidirectional Channels  1  Bidirectional Channels  - Voltage - Reverse Standoff (Typ)  376V  Voltage - Breakdown (Min)  418V  Voltage - Clamping (Max) @ Ipp  602V  Current - Peak Pulse (10/1000µs)  1A  Power - Peak Pulse  600W  Power Line Protection  No  Applications  Automotive  Capacitance @ Frequency  Operating Temperature  -65°C ~ 150°C (TJ)  Mounting Type  Surface Mount  Package / Case  DO-214AA, SMB  Supplier Device Package		
Category Circuit Protection TVS - Diodes Package DO-214AA, SMB Series Automotive, AEC-Q101, P6SMB, TransZorb? Type Zener Unidirectional Channels 1 Bidirectional Channels - Voltage - Reverse Standoff (Typ) 376V Voltage - Breakdown (Min) 418V Voltage - Clamping (Max) @ Ipp 602V Current - Peak Pulse (10/1000µs) 1A Power - Peak Pulse 600W Power Line Protection No Applications Automotive Capacitance @ Frequency Operating Temperature -65°C ~ 150°C (TJ) Mounting Type Surface Mount Package / Case DO-214AA, SMB Supplier Device Package	Manufacturer Part Number	P6SMB440AHE3_A/H
TVS - Diodes  Package DO-214AA, SMB Series Automotive, AEC-Q101, P6SMB, TransZorb?  Type Zener Unidirectional Channels IBidirectional Channels - Voltage - Reverse Standoff (Typ) 376V Voltage - Breakdown (Min) 418V Voltage - Clamping (Max) @ Ipp 602V Current - Peak Pulse (10/1000µs) 1A Power - Peak Pulse 600W Power Line Protection No Applications Automotive Capacitance @ Frequency Operating Temperature -65°C ~ 150°C (TJ) Mounting Type Surface Mount Package / Case DO-214AA, SMB Supplier Device Package	Manufacturer	Vishay Semiconductor Diodes Division
PackageDO-214AA, SMBSeriesAutomotive, AEC-Q101, P6SMB, TransZorb?TypeZenerUnidirectional Channels1Bidirectional Channels-Voltage - Reverse Standoff (Typ)376VVoltage - Breakdown (Min)418VVoltage - Clamping (Max) @ Ipp602VCurrent - Peak Pulse (10/1000µs)1APower - Peak Pulse600WPower Line ProtectionNoApplicationsAutomotiveCapacitance @ Frequency-Operating Temperature-65°C ~ 150°C (TJ)Mounting TypeSurface MountPackage / CaseDO-214AA, SMBSupplier Device PackageDO-214AA (SMBJ)	Category	Circuit Protection
Series Automotive, AEC-Q101, P6SMB, TransZorb?  Type Zener  Unidirectional Channels 1  Bidirectional Channels -  Voltage - Reverse Standoff (Typ) 376V  Voltage - Breakdown (Min) 418V  Voltage - Clamping (Max) @ Ipp 602V  Current - Peak Pulse (10/1000µs) 1A  Power - Peak Pulse 600W  Power Line Protection No  Applications Automotive  Capacitance @ Frequency -  Operating Temperature -65°C ~ 150°C (TJ)  Mounting Type Surface Mount  Package / Case DO-214AA, SMB  Supplier Device Package DO-214AA (SMBJ)		TVS - Diodes
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Voltage - Reverse Standoff (Typ)  Voltage - Breakdown (Min)  418V  Voltage - Clamping (Max) @ Ipp  602V  Current - Peak Pulse (10/1000µs)  Power - Peak Pulse  600W  Power Line Protection  No  Applications  Automotive  Capacitance @ Frequency  Operating Temperature  -65°C ~ 150°C (TJ)  Mounting Type  Surface Mount  Package / Case  DO-214AA, SMB  Supplier Device Package	Unidirectional Channels	1
Voltage - Breakdown (Min)  418V  Voltage - Clamping (Max) @ Ipp  602V  Current - Peak Pulse (10/1000μs)  1A  Power - Peak Pulse  600W  Power Line Protection  No  Applications  Automotive  Capacitance @ Frequency  Operating Temperature  -65°C ~ 150°C (TJ)  Mounting Type  Surface Mount  Package / Case  DO-214AA, SMB  Supplier Device Package  DO-214AA (SMBJ)	Bidirectional Channels	-
Voltage - Clamping (Max) @ Ipp 602V  Current - Peak Pulse (10/1000µs) 1A  Power - Peak Pulse 600W  Power Line Protection No  Applications Automotive  Capacitance @ Frequency -  Operating Temperature -65°C ~ 150°C (TJ)  Mounting Type Surface Mount  Package / Case DO-214AA, SMB  Supplier Device Package DO-214AA (SMBJ)	Voltage - Reverse Standoff (Typ)	376V
Current - Peak Pulse (10/1000μs)1APower - Peak Pulse600WPower Line ProtectionNoApplicationsAutomotiveCapacitance @ Frequency-Operating Temperature-65°C ~ 150°C (TJ)Mounting TypeSurface MountPackage / CaseDO-214AA, SMBSupplier Device PackageDO-214AA (SMBJ)	Voltage - Breakdown (Min)	418V
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Power Line Protection  Applications  Automotive  Capacitance @ Frequency  -65°C ~ 150°C (TJ)  Mounting Type  Surface Mount  Package / Case  DO-214AA, SMB  Supplier Device Package  DO-214AA (SMBJ)	Current - Peak Pulse (10/1000µs)	1A
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Capacitance @ Frequency  Operating Temperature  -65°C ~ 150°C (TJ)  Mounting Type  Surface Mount  Package / Case  DO-214AA, SMB  Supplier Device Package  DO-214AA (SMBJ)	Power Line Protection	No
Operating Temperature  -65°C ~ 150°C (TJ)  Mounting Type  Surface Mount  Package / Case  DO-214AA, SMB  Supplier Device Package  DO-214AA (SMBJ)	Applications	Automotive
Mounting Type Surface Mount Package / Case DO-214AA, SMB Supplier Device Package DO-214AA (SMBJ)	Capacitance @ Frequency	-
Package / Case DO-214AA, SMB Supplier Device Package DO-214AA (SMBJ)	Operating Temperature	-65°C ~ 150°C (TJ)
Supplier Device Package DO-214AA (SMBJ)	Mounting Type	Surface Mount
	Package / Case	DO-214AA, SMB
Report errors?	Supplier Device Package	DO-214AA (SMBJ)
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### P6SMB440AHE3\_A/H 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.

### P6SMB440AHE3\_A/H Payment Methods



















# P6SMB440AHE3\_A/H Shipping Methods













If you have any question about P6SMB440AHE3\_A/H, please do not hesitate to contact us!

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