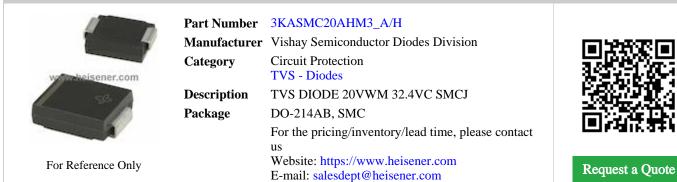


3KASMC20AHM3_A/H

3KASMC20AHM3_A/H Information



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.



3KASMC20AHM3_A/H Specifications

ManufacturerVishay Semiconductor Diodes DivisionCategoryCircuit ProtectionTVS - DiodesTVS - DiodesPackageDO-214AB, SMCSeriesAutomotive, AEC-Q101, PAR?TypeZenerUnidirectional Channels1Bidirectional Channels-Voltage - Reverse Standoff (Typ)20VVoltage - Breakdown (Min)22.2VVoltage - Clamping (Max) @ Ipp35.8VCurrent - Peak Pulse (10/1000µs)83.8APower Line ProtectionNoApplicationsAutomotiveCapacitance @ Frequency-Operating Temperature-65°C ~ 185°C (TJ)Mounting TypeSurface MountPackage / CaseDO-214AB, SMC		
CategoryCircuit Protection TVS - DiodesPackageDO-214AB, SMCSeriesAutomotive, AEC-Q101, PAR?TypeZenerUnidirectional Channels1Bidirectional Channels-Voltage - Reverse Standoff (Typ)20VVoltage - Breakdown (Min)22.2VVoltage - Clamping (Max) @ Ipp35.8VCurrent - Peak Pulse (10/1000µs)83.8APower Line ProtectionNoApplications-Applications-Operating Temperature-5°C ~ 185°C (TJ)Mounting TypeSurface MountPackage / CaseDO-214AB, SMCSupplier Device PackageDO-214AB (SMCJ)	Manufacturer Part Number	3KASMC20AHM3_A/H
TVS - DiodesPackageDO-214AB, SMCSeriesAutomotive, AEC-Q101, PAR?TypeZenerUnidirectional Channels1Bidirectional Channels-Voltage - Reverse Standoff (Typ)20VVoltage - Breakdown (Min)22.2VVoltage - Clamping (Max) @ Ipp35.8VCurrent - Peak Pulse (10/1000µs)83.8APower - Peak Pulse3000W (3kW)Power Line ProtectionNoApplications-Capacitance @ Frequency-Operating Temperature65°C ~ 185°C (TJ)Mounting TypeSurface MountPackage / CaseDO-214AB, SMCSupplier Device PackageDO-214AB (SMCJ)	Manufacturer	Vishay Semiconductor Diodes Division
PackageDO-214AB, SMCSeriesAutomotive, AEC-Q101, PAR?TypeZenerUnidirectional Channels1Bidirectional Channels-Voltage - Reverse Standoff (Typ)20VVoltage - Breakdown (Min)22.2VVoltage - Clamping (Max) @ Ipp35.8VCurrent - Peak Pulse (10/1000µs)83.8APower - Peak Pulse3000W (3kW)Power Line ProtectionNoApplicationsAutomotiveCapacitance @ Frequency-Operating Temperature65°C ~ 185°C (TJ)Mounting TypeDo-214AB, SMCPackage / CaseDO-214AB, SMC	Category	Circuit Protection
SeriesAutomotive, AEC-Q101, PAR?TypeZenerUnidirectional Channels1Bidirectional Channels-Voltage - Reverse Standoff (Typ)20VVoltage - Breakdown (Min)22.2VVoltage - Clamping (Max) @ Ipp35.8VCurrent - Peak Pulse (10/1000µs)83.8APower - Peak Pulse3000W (3kW)Power Line ProtectionNoApplications-Operating Temperature-Operating Temperature-Package / CaseSurface MountPool.214AB, SMCDO-214AB (SMCJ)		TVS - Diodes
TypeZenerUnidirectional Channels1Bidirectional Channels-Voltage - Reverse Standoff (Typ)20VVoltage - Breakdown (Min)22.2VVoltage - Clamping (Max) @ Ipp35.8VCurrent - Peak Pulse (10/100µs)83.8APower - Peak Pulse3000W (3kW)Power Line ProtectionNoApplications-Capacitance @ Frequency-Operating Temperature-65°C ~ 185°C (TJ)Mounting TypeSurface MountPackage / CaseDO-214AB, SMCSupplier Device PackageDO-214AB (SMCJ)	Package	DO-214AB, SMC
Image: AntiperformanceImage: AntiperformanceUnidirectional Channels-Bidirectional Channels-Voltage - Reverse Standoff (Typ)20VVoltage - Breakdown (Min)22.2VVoltage - Clamping (Max) @ Ipp35.8VCurrent - Peak Pulse (10/1000µs)83.8APower - Peak Pulse (10/1000µs)3000W (3kW)Power Line ProtectionNoApplicationsAutomotiveCapacitance @ Frequency-Operating Temperature-65°C ~ 185°C (TJ)Mounting TypeSurface MountPackage / CaseDO-214AB, SMCSupplier Device PackageOD-214AB (SMCJ)	Series	Automotive, AEC-Q101, PAR?
Bidirectional Channels-Bidirectional Channels-Voltage - Reverse Standoff (Typ)20VVoltage - Breakdown (Min)22.2VVoltage - Clamping (Max) @ Ipp35.8VCurrent - Peak Pulse (10/1000µs)83.8APower - Peak Pulse (10/1000µs)3000W (3kW)Power - Peak Pulse3000W (3kW)Power Line ProtectionNoApplicationsAutomotiveCapacitance @ Frequency-Operating Temperature-65°C ~ 185°C (TJ)Mounting TypeSurface MountPackage / CaseDO-214AB, SMCSupplier Device PackageDO-214AB (SMCJ)	Туре	Zener
Notitige - Reverse Standoff (Typ)20VVoltage - Breakdown (Min)22.2VVoltage - Clamping (Max) @ Ipp35.8VCurrent - Peak Pulse (10/1000µs)83.8APower - Peak Pulse (10/1000µs)3000W (3kW)Power - Peak Pulse3000W (3kW)Power Line ProtectionNoApplicationsAutomotiveCapacitance @ Frequency-Operating Temperature-65°C ~ 185°C (TJ)Mounting TypeSurface MountPackage / CaseDO-214AB, SMCSupplier Device PackageDO-214AB (SMCJ)	Unidirectional Channels	1
Voltage - Breakdown (Min)22.2VVoltage - Clamping (Max) @ Ipp35.8VCurrent - Peak Pulse (10/1000µs)83.8APower - Peak Pulse (10/1000µs)3000W (3kW)Power Line ProtectionNoApplicationsAutomotiveCapacitance @ Frequency-Operating Temperature-65°C ~ 185°C (TJ)Mounting TypeSurface MountPackage / CaseDO-214AB, SMCSupplier Device PackageDO-214AB (SMCJ)	Bidirectional Channels	-
Voltage - Clamping (Max) @ Ipp35.8VCurrent - Peak Pulse (10/1000µs)83.8APower - Peak Pulse3000W (3kW)Power Line ProtectionNoApplicationsAutomotiveCapacitance @ Frequency-Operating Temperature-65°C ~ 185°C (TJ)Mounting TypeSurface MountPackage / CaseDO-214AB, SMCSupplier Device PackageDO-214AB (SMCJ)	Voltage - Reverse Standoff (Typ)	20V
Current - Peak Pulse (10/1000µs)83.8APower - Peak Pulse3000W (3kW)Power Line ProtectionNoApplicationsAutomotiveCapacitance @ Frequency-Operating Temperature-65°C ~ 185°C (TJ)Mounting TypeSurface MountPackage / CaseDO-214AB, SMCSupplier Device PackageDO-214AB (SMCJ)	Voltage - Breakdown (Min)	22.2V
Power - Peak Pulse3000W (3kW)Power Line ProtectionNoApplicationsAutomotiveCapacitance @ Frequency-Operating Temperature-65°C ~ 185°C (TJ)Mounting TypeSurface MountPackage / CaseDO-214AB, SMCSupplier Device PackageDO-214AB (SMCJ)	Voltage - Clamping (Max) @ Ipp	35.8V
Power Line ProtectionNoApplicationsAutomotiveCapacitance @ Frequency-Operating Temperature-65°C ~ 185°C (TJ)Mounting TypeSurface MountPackage / CaseDO-214AB, SMCSupplier Device PackageDO-214AB (SMCJ)	Current - Peak Pulse (10/1000µs)	83.8A
ApplicationsAutomotiveCapacitance @ Frequency-Operating Temperature-65°C ~ 185°C (TJ)Mounting TypeSurface MountPackage / CaseDO-214AB, SMCSupplier Device PackageDO-214AB (SMCJ)	Power - Peak Pulse	3000W (3kW)
Capacitance @ Frequency-Operating Temperature-65°C ~ 185°C (TJ)Mounting TypeSurface MountPackage / CaseDO-214AB, SMCSupplier Device PackageDO-214AB (SMCJ)	Power Line Protection	No
Operating Temperature-65°C ~ 185°C (TJ)Mounting TypeSurface MountPackage / CaseDO-214AB, SMCSupplier Device PackageDO-214AB (SMCJ)	Applications	Automotive
Mounting TypeSurface MountPackage / CaseDO-214AB, SMCSupplier Device PackageDO-214AB (SMCJ)	Capacitance @ Frequency	-
Package / CaseDO-214AB, SMCSupplier Device PackageDO-214AB (SMCJ)	Operating Temperature	-65°C ~ 185°C (TJ)
Supplier Device Package DO-214AB (SMCJ)	Mounting Type	Surface Mount
	Package / Case	DO-214AB, SMC
Report errors?	Supplier Device Package	DO-214AB (SMCJ)
		Report errors?

3KASMC20AHM3_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.

3KASMC20AHM3_A/H Payment Methods





If you have any question about 3KASMC20AHM3_A/H, please do not hesitate to contact us! Website: https://www.heisener.com E-mail: salesdept@heisener.com