

1KSMB8.2CA

1KSMB8.2CA Information



Part NumberIKSMB8.2CAManufacturerLittelfuse Inc.CategoryCircuit Protection
TVS - DiodesDescriptionTVS DIODE 7.02VWM 12.1VC SMDPackageDO-214AA, SMB
For the pricing/inventory/lead time, please contact
us
Website: https://www.heisener.com
E-mail: salesdept@heisener.com



Request a Quote

For Reference Only

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.



1KSMB8.2CA Specifications

Manufacturer Part NumberIKSMB8.2CAManufacturerLittelfuse Inc.CategoryCircuit ProtectionTVS - DiodesTVS - DiodesPackageDO-214AA, SMBSeriesIKSMBTypeZenerUnidirectional Channels-Bidirectional Channels1Voltage - Reverse Standoff (Typ)7.02VVoltage - Breakdown (Min)7.79VVoltage - Clamping (Max) @ Ipp82.6APower - Peak Pulse1000W (1kW)Power Line ProtectionNoApplicationsGeneral PurposeCapacitance @ Frequency-Operating Temperature55°C ~ 150°C (TJ)Mounting TypeSurface MountPackage / CaseDo-214AA, SMBSupplier Device PackageDo-214AA, SMB		
CategoryCircuit ProtectionTVS - DiodesPackageDO-214AA, SMBSeriesIKSMBTypeZenerUnidirectional Channels-Bidirectional Channels1Voltage - Reverse Standoff (Typ)7.02VVoltage - Breakdown (Min)7.9VVoltage - Clamping (Max) @ Ipp82.6APower Line ProtectionMountyApplicationsGeneralPurposeApplicationsScotalPurposeOperating Frequency-Operating TypeStrice CollyMounting TypeStrice CollyApple CategoryStrice CollyApple CategoryStrice CollyCapacitance @ FrequencyStrice CollyMounting TypeStrice MountyPackage / CaseDo-214AA, SMB	Manufacturer Part Number	1KSMB8.2CA
TrueTruePackageDO-214AA, SMBSeriesIKSMBTypeZenerUnidirectional Channels-Bidirectional Channels1Voltage - Reverse Standoff (Typ)7.02VVoltage - Breakdown (Min)7.79VVoltage - Clamping (Max) @ Ipp12.1VCurrent - Peak Pulse (10/1000µs)82.6APower Line ProtectionNoApplicationsGeneral PurposeCapacitance @ Frequency-Operating Temperature55°C ~ 150°C (TJ)Mounting TypeSurface MountPackage / CaseDO-214AA, SMB	Manufacturer	Littelfuse Inc.
PackageDO-214AA, SMBSeries1KSMBTypeZenerUndirectional Channels-Bidirectional Channels1Voltage - Reverse Standoff (Typ)7.02VVoltage - Breakdown (Min)2.1VVoltage - Clamping (Max) @ Ipp82.6APower - Peak Pulse (10/100µs)Moult (IkW)Power Line ProtectionNoApplicationsGeneral PurposeCapacitance @ Frequency-Operating Temperature55°C ~ 150°C (TJ)Mounting TypeDo-214AA, SMB	Category	Circuit Protection
SeriesIKSMBTypeZenerUnidirectional Channels-Bidirectional Channels1Voltage - Reverse Standoff (Typ)7.02VVoltage - Breakdown (Min)7.79VVoltage - Clamping (Max) @ Ipp2.1VCurrent - Peak Pulse (10/100µs)82.6APower Line ProtectionNoApplicationsGeneral PurposeCapacitance @ Frequency-Operating Temperature55°C ~ 150°C (TJ)Mounting TypeSurface MountPackage / CaseDO-214AA, SMB		TVS - Diodes
TypeZenerUnidirectional Channels-Bidirectional Channels1Voltage - Reverse Standoff (Typ)7.02VVoltage - Breakdown (Min)7.79VVoltage - Clamping (Max) @ Ipp2.1VCurrent - Peak Pulse (10/1000µs)82.6APower Line ProtectionNoApplicationsGeneral PurposeCapacitance @ Frequency-Operating Temperature55°C ~ 150°C (TJ)Mounting TypeDo-214AA, SMB	Package	DO-214AA, SMB
NrNrUnidirectional Channels-Bidirectional Channels1Voltage - Reverse Standoff (Typ)7.02VVoltage - Breakdown (Min)7.79VVoltage - Clamping (Max) @ Ipp12.1VCurrent - Peak Pulse (10/1000µs)82.6APower - Peak Pulse (10/1000µs)1000W (1kW)Power Line ProtectionNoApplicationsGeneral PurposeCapacitance @ Frequency-Operating Temperature-55°C ~ 150°C (TJ)Mounting TypeBurface MountPackage / CaseDO-214AA, SMB	Series	1KSMB
Bidirectional Channels1Bidirectional Channels1Voltage - Reverse Standoff (Typ)7.02VVoltage - Breakdown (Min)7.79VVoltage - Clamping (Max) @ Ipp12.1VCurrent - Peak Pulse (10/1000µs)82.6APower - Peak Pulse1000W (1kW)Power Line ProtectionNoApplicationsGeneral PurposeCapacitance @ Frequency-Operating Temperature.55°C ~ 150°C (TJ)Mounting TypeSurface MountPackage / CaseDO-214AA, SMB	Туре	Zener
Voltage - Reverse Standoff (Typ)7.02VVoltage - Breakdown (Min)7.79VVoltage - Clamping (Max) @ Ipp12.1VCurrent - Peak Pulse (10/1000µs)82.6APower - Peak Pulse (10/1000µs)1000W (1kW)Power Line ProtectionNoApplicationsGeneral PurposeCapacitance @ Frequency-Operating Temperature55°C ~ 150°C (TJ)Mounting TypeSurface MountPackage / CaseDO-214AA, SMB	Unidirectional Channels	-
Voltage - Breakdown (Min)7.79VVoltage - Clamping (Max) @ Ipp12.1VCurrent - Peak Pulse (10/1000µs)82.6APower - Peak Pulse1000W (1kW)Power Line ProtectionNoApplicationsGeneral PurposeCapacitance @ Frequency-Operating Temperature-55°C ~ 150°C (TJ)Mounting TypeSurface MountPackage / CaseDO-214AA, SMB	Bidirectional Channels	1
Voltage - Clamping (Max) @ Ipp 12.1V Current - Peak Pulse (10/1000µs) 82.6A Power - Peak Pulse 1000W (1kW) Power Line Protection No Applications General Purpose Capacitance @ Frequency - Operating Temperature 55°C ~ 150°C (TJ) Mounting Type Surface Mount Package / Case DO-214AA, SMB	Voltage - Reverse Standoff (Typ)	7.02V
Current - Peak Pulse (10/1000µs)82.6APower - Peak Pulse1000W (1kW)Power Line ProtectionNoApplicationsGeneral PurposeCapacitance @ Frequency-Operating Temperature-55°C ~ 150°C (TJ)Mounting TypeSurface MountPackage / CaseDO-214AA, SMB	Voltage - Breakdown (Min)	7.79V
Power - Peak Pulse1000W (1kW)Power Line ProtectionNoApplicationsGeneral PurposeCapacitance @ Frequency-Operating Temperature-55°C ~ 150°C (TJ)Mounting TypeSurface MountPackage / CaseDO-214AA, SMB	Voltage - Clamping (Max) @ Ipp	12.1V
Power Line ProtectionNoApplicationsGeneral PurposeCapacitance @ Frequency-Operating Temperature-55°C ~ 150°C (TJ)Mounting TypeSurface MountPackage / CaseDO-214AA, SMB	Current - Peak Pulse (10/1000µs)	82.6A
ApplicationsGeneral PurposeCapacitance @ Frequency-Operating Temperature-55°C ~ 150°C (TJ)Mounting TypeSurface MountPackage / CaseDO-214AA, SMB	Power - Peak Pulse	1000W (1kW)
Capacitance @ Frequency-Operating Temperature-55°C ~ 150°C (TJ)Mounting TypeSurface MountPackage / CaseDO-214AA, SMB	Power Line Protection	No
Operating Temperature-55°C ~ 150°C (TJ)Mounting TypeSurface MountPackage / CaseDO-214AA, SMB	Applications	General Purpose
Mounting TypeSurface MountPackage / CaseDO-214AA, SMB	Capacitance @ Frequency	-
Package / Case DO-214AA, SMB	Operating Temperature	-55°C ~ 150°C (TJ)
-	Mounting Type	Surface Mount
Supplier Device PackageDO-214AA (SMBJ)	Package / Case	DO-214AA, SMB
	Supplier Device Package	DO-214AA (SMBJ)
Report errors?		Report errors?

1KSMB8.2CA 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 BUARANTEE

Service Guarantees

We guarantee 100% customer satisfaction. Our experienced sales team and tech support team back our services to satisfy all our customers.

1KSMB8.2CA Payment Methods



1KSMB8.2CA Shipping Methods



If you have any question about 1KSMB8.2CA, please do not hesitate to contact us! Website: https://www.heisener.com E-mail: salesdept@heisener.com