

1KSMB13A

1KSMB13A Information



 Part Number
 1KSMB13A

 Manufacturer
 Littelfuse Inc.

 Category
 Circuit Protection TVS - Diodes

 Description
 TVS DIODE 11.1VWM 18.2VC SMD

 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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1KSMB13A Specifications

Manufacturer Part NumberIKSMB13AManufacturerLittelfuse Inc.CategoryCircuit ProtectionTVS - DiodesPackageDO-214AA, SMBSeriesJKSMBTypeZenerUnidirectional Channels1Bidirectional Channels1Voltage - Reverse Standoff (Typ)11.1VVoltage - Reverse Standoff (Typ)18.2VCurrent - Peak Pulse (10/1000µs)54.9APower - Peak Pulse1000W (1kW)Power Line ProtectionNoApplicationsGeneral PurposeCapacitance @ Frequency-Operating TypeSurface MountMounting TypeSurface MountPackage / CaseDO-214AA, SMBDouget - Reverse Standoff (Typ)NoCurrent - Peak Pulse (10/1000µs)54.9APower - Peak PulseStandore (Type)Power Line ProtectionNoApplicationsGeneral PurposeCapacitance @ Frequency-Operating TypeSurface MountPackage / CaseDO-214AA, SMBPower AcaseDO-214A (SMBJ)		
CategoryCircuit ProtectionTVS - DiodesPackageDO-214AA, SMBSeriesIKSMBTypeZenerUnidrectional Channels-Bidirectional Channels-Voltage - Reverse Standoff (Typ)11.1VVoltage - Breakdown (Min)12.4VVoltage - Clamping (Max) @ Ipp54.9APower - Peak Pulse (10/100µs)54.9APower - Peak Pulse1000W (1kW)Power Line ProtectionNoApplicationsGeneral PurposeCapacitance @ Frequency-Operating Temperature55°C ~ 150°C (TJ)Mounting TypeSurface MountPackage / CaseDO-214AA, SMBSupplier Device PackageDO-214AA, SMB	Manufacturer Part Number	1KSMB13A
TVS - DiodesPackageDO-214AA, SMBSeriesIKSMBTypeZenerUnidirectional Channels1Bidirectional Channels-Voltage - Reverse Standoff (Typ)11.1VVoltage - Breakdown (Min)12.4VVoltage - Clamping (Max) @ Ipp18.2VCurrent - Peak Pulse (10/1000µs)54.9APower Line ProtectionMoont (IkW)ApplicationsGeneral PurposeCapacitance @ Frequency-Operating Temperature55°C ~ 150°C (TJ)Mounting TypeSurface MountPackage / CaseDO-214AA, SMBSupplier Device PackageDO-214AA (SMBJ)	Manufacturer	Littelfuse Inc.
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SeriesIKSMBTypeZenerUndirectional Channels1Bidirectional Channels-Voltage - Reverse Standoff (Typ)11.1VVoltage - Breakdown (Min)12.4VVoltage - Clamping (Max) @ Ipp18.2VCurrent - Peak Pulse (10/100µs)54.9APower - Peak Pulse1000W (1kW)Power Line ProtectionNoApplicationsGeneral PurposeCapacitance @ Frequency-Operating Temperature-55°C ~ 150°C (TJ)Mounting TypeSurface MountPackage / CaseDO-214AA, SMBSupplier Device PackageDo-214AA (SMBJ)		TVS - Diodes
TypeZenerUnidirectional Channels1Bidirectional Channels-Voltage - Reverse Standoff (Typ)11.1VVoltage - Breakdown (Min)12.4VVoltage - Clamping (Max) @ Ipp18.2VCurrent - Peak Pulse (10/1000µs)54.9APower - Peak Pulse1000W (1kW)Power Line ProtectionNoApplicationsGeneral PurposeCapacitance @ Frequency-Operating Temperature55°C ~ 150°C (TJ)Mounting TypeSurface MountPackage / CaseDO-214AA, SMBSupplier Device PackageDO-214AA (SMBJ)	Package	DO-214AA, SMB
Image: Arrow of the constraint o	Series	1KSMB
Bidirectional Channels-Bidirectional Channels-Voltage - Reverse Standoff (Typ)11.1VVoltage - Breakdown (Min)12.4VVoltage - Clamping (Max) @ Ipp18.2VCurrent - Peak Pulse (10/1000µs)54.9APower - Peak Pulse1000W (1kW)Power Line ProtectionNoApplicationsGeneral PurposeCapacitance @ Frequency-Operating Temperature-55°C ~150°C (TJ)Mounting TypeSurface MountPackage / CaseDO-214AA, SMBSupplier Device PackageDO-214AA (SMBJ)	Туре	Zener
Voltage - Reverse Standoff (Typ)11.1VVoltage - Breakdown (Min)12.4VVoltage - Clamping (Max) @ Ipp18.2VCurrent - Peak Pulse (10/1000µs)54.9APower - Peak Pulse1000W (1kW)Power Line ProtectionNoApplicationsGeneral PurposeCapacitance @ Frequency-Operating TemperatureSurface MountPackage / CaseDO-214AA, SMBSupplier Device PackageDO-214AA (SMBJ)	Unidirectional Channels	1
Voltage - Breakdown (Min)12.4VVoltage - Clamping (Max) @ Ipp18.2VCurrent - Peak Pulse (10/1000µs)54.9APower - Peak Pulse1000W (1kW)Power Line ProtectionNoApplicationsGeneral PurposeCapacitance @ Frequency-Operating Temperature-55°C ~ 150°C (TJ)Mounting TypeSurface MountPackage / CaseDO-214AA, SMBSupplier Device PackageDO-214AA (SMBJ)	Bidirectional Channels	-
Voltage - Clamping (Max) @ Ipp18.2VCurrent - Peak Pulse (10/1000µs)54.9APower - Peak Pulse1000W (1kW)Power Line ProtectionNoApplicationsGeneral PurposeCapacitance @ Frequency-Operating Temperature-55°C ~ 150°C (TJ)Mounting TypeSurface MountPackage / CaseDO-214AA, SMBSupplier Device PackageDO-214AA (SMBJ)	Voltage - Reverse Standoff (Typ)	11.1V
Current - Peak Pulse (10/1000µs)54.9APower - Peak Pulse1000W (1kW)Power Line ProtectionNoApplicationsGeneral PurposeCapacitance @ Frequency-Operating Temperature-55°C ~ 150°C (TJ)Mounting TypeSurface MountPackage / CaseDO-214AA, SMBSupplier Device PackageDO-214AA (SMBJ)	Voltage - Breakdown (Min)	12.4V
Power - Peak Pulse1000W (1kW)Power Line ProtectionNoApplicationsGeneral PurposeCapacitance @ Frequency-Operating Temperature-55°C ~ 150°C (TJ)Mounting TypeSurface MountPackage / CaseDO-214AA, SMBSupplier Device PackageDO-214AA (SMBJ)	Voltage - Clamping (Max) @ Ipp	18.2V
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ApplicationsGeneral PurposeCapacitance @ Frequency-Operating Temperature-55°C ~ 150°C (TJ)Mounting TypeSurface MountPackage / CaseDO-214AA, SMBSupplier Device PackageDO-214AA (SMBJ)	Power - Peak Pulse	1000W (1kW)
Capacitance @ Frequency-Operating Temperature-55°C ~ 150°C (TJ)Mounting TypeSurface MountPackage / CaseDO-214AA, SMBSupplier Device PackageDO-214AA (SMBJ)	Power Line Protection	No
Operating Temperature-55°C ~ 150°C (TJ)Mounting TypeSurface MountPackage / CaseDO-214AA, SMBSupplier Device PackageDO-214AA (SMBJ)	Applications	General Purpose
Mounting TypeSurface MountPackage / CaseDO-214AA, SMBSupplier Device PackageDO-214AA (SMBJ)	Capacitance @ Frequency	-
Package / CaseDO-214AA, SMBSupplier Device PackageDO-214AA (SMBJ)	Operating Temperature	-55°C ~ 150°C (TJ)
Supplier Device Package DO-214AA (SMBJ)	Mounting Type	Surface Mount
	Package / Case	DO-214AA, SMB
	Supplier Device Package	DO-214AA (SMBJ)
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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 GUARANTEE

Service Guarantees

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

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