

SMBJ8.0A

SMBJ8.0A Information



Part Number	SMBJ8.0A	
Manufacturer	Littelfuse Inc.	
Category	Circuit Protection TVS - Diodes	
Description	TVS DIODE 8VWM 13.6VC 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

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SMBJ8.0A Specifications

Manufacturer Part NumberSMBJ8.0AManufacturerLittelfuse Inc.CategoryCircuit ProtectionTVS - DiodesTVS - DiodesPackageDO-214AA, SMBSeriesSMBJTypeZenerUnidirectional Channels1Bidirectional Channels-Voltage - Reverse Standoff (Typ)8VVoltage - Breakdown (Min)8.89VVoltage - Clamping (Max) @ Ipp13.6VVoltage - Clamping (Max) @ Ipp600WPower - Peak Pulse600WPower Line ProtectionSeneral PurposeApplicationsGeneral PurposeCapacitance @ Frequency-Mounting TypeSurface MountMounting TypeSurface MountPackage / CaseDO-214AA, SMBSurple ProtechackageDO-214AA, SMB	-	
CategoryCircuit ProtectionTVS - DiodesPackageDO-214AA, SMBSeriesSMBJTypeZenerUndirectional ChannelsaBidirectional Channels-Voltage - Reverse Standoff (Typ)8VVoltage - Breakdown (Min)8.9VVoltage - Clamping (Maxy @ Ipp3.6VPower - Peak Pulse (10/1000µs)600WPower Line ProtectionMonApplicationsGeneral PurposeCapacitance @ Frequency-Operating Temperature55°C ~ 150°C (TJ)Mounting TypeDo-214AA, SMBPouper Line ProtectionSurface Mount	Manufacturer Part Number	SMBJ8.0A
TVS - DiodesPackageDO-214AA, SMBSeriesSMBJTypeZenerUnidirectional Channels1Bidirectional Channels-Voltage - Reverse Standoff (Typ)8VVoltage - Breakdown (Min)8.89VVoltage - Clamping (Max) @ Ipp13.6VCurrent - Peak Pulse (10/1000µs)44.2APower - Peak Pulse600WPower Line ProtectionNoApplicationsGeneral PurposeCapacitance @ Frequency-Operating Temperature55°C ~ 150°C (TJ)Mounting TypeSurface MountPackage / CaseDO-214AA, SMBSupplier Device PackageDO-214AA (SMBJ)	Manufacturer	Littelfuse Inc.
PackageDO-214AA, SMBSeriesSMBJTypeZenerUnidirectional Channels1Bidirectional Channels-Voltage - Reverse Standoff (Typ)8VVoltage - Breakdown (Min)8.89VVoltage - Clamping (Max) @ Ipp3.6VCurrent - Peak Pulse (10/1000µs)600WPower Jeak Pulse600WPower Jeak PulseSeneral PurposeApplicationsSeneral PurposeCapacitance @ Frequency-Operating Temperature55°C ~ 150°C (TJ)Mounting TypeSurface MountPackage / CaseDO-214AA, SMBSupplier Device PackageDO-214AA (SMBJ)	Category	Circuit Protection
SeriesSMBJTypeZenerUndirectional Channels1Bidirectional Channels-Voltage - Reverse Standoff (Typ)8VVoltage - Breakdown (Min)8.89VVoltage - Clamping (Max) @ Ipp3.6VCurrent - Peak Pulse (10/100µs)44.2APower - Peak Pulse600WPower 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)8VVoltage - Breakdown (Min)8.89VVoltage - Clamping (Max) @ Ipp13.6VCurrent - Peak Pulse (10/1000µs)44.2APower - Peak Pulse600WPower Line ProtectionNoApplicationsGeneral PurposeCapacitance @ Frequency-Operating TypeSurface MountPower JackSurface MountPower Ages (CaseDo-214AA, SMBSupplier Device PackageDo-214AA (SMBJ)	Package	DO-214AA, SMB
AUnidirectional Channels1Bidirectional Channels-Voltage - Reverse Standoff (Typ)8VVoltage - Breakdown (Min)8.89VVoltage - Clamping (Max) @ Ipp13.6VCurrent - Peak Pulse (10/1000µs)44.2APower - Peak Pulse (10/1000µs)600WPower - Peak Pulse600WPower Line ProtectionNoApplicationsGeneral PurposeCapacitance @ Frequency-Operating Temperature-55°C ~ 150°C (TJ)Mounting TypeSurface MountPackage / CaseDO-214AA, SMBSupplier Device PackageDO-214AA (SMBJ)	Series	SMBJ
Bidirectional Channels-Voltage - Reverse Standoff (Typ)8VVoltage - Breakdown (Min)8.89VVoltage - Clamping (Max) @ Ipp13.6VCurrent - Peak Pulse (10/1000µs)44.2APower - Peak Pulse600WPower Line ProtectionNoApplicationsGeneral PurposeCapacitance @ Frequency-Operating TypeSurface MountPackage / CaseDO-214AA, SMBSupplier Device PackageDO-214AA (SMBJ)	Туре	Zener
Voltage - Reverse Standoff (Typ)8VVoltage - Breakdown (Min)8.89VVoltage - Clamping (Max) @ Ipp13.6VCurrent - Peak Pulse (10/1000µs)44.2APower Leve Protection600WPower Line ProtectionNoApplicationsGeneral PurposeCapacitance @ Frequency-Operating TemperatureSurface MountPackage / CaseDo-214AA, SMBSupplier Device PackageDo-214AA (SMBJ)	Unidirectional Channels	1
Voltage - Breakdown (Min)8.89VVoltage - Clamping (Max) @ Ipp13.6VCurrent - Peak Pulse (10/1000µs)44.2APower - Peak Pulse600WPower 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) @ Ipp13.6VCurrent - Peak Pulse (10/1000µs)44.2APower - Peak Pulse600WPower 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)	8V
Current - Peak Pulse (10/1000µs)44.2APower - Peak Pulse600WPower Line ProtectionNoApplicationsGeneral PurposeCapacitance @ Frequency-Operating Temperature-55°C ~ 150°C (TJ)Mounting TypeSurface MountPackage / CaseDO-214AA, SMBSupplier Device PackageDO-214AA (SMBJ)	Voltage - Breakdown (Min)	8.89V
Power - Peak Pulse600WPower 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	13.6V
Power Line ProtectionNoApplicationsGeneral PurposeCapacitance @ Frequency-Operating Temperature-55°C ~ 150°C (TJ)Mounting TypeSurface MountPackage / CaseDO-214AA, SMBSupplier Device PackageDO-214AA (SMBJ)	Current - Peak Pulse (10/1000µs)	44.2A
ApplicationsGeneral PurposeCapacitance @ Frequency-Operating Temperature-55°C ~ 150°C (TJ)Mounting TypeSurface MountPackage / CaseDO-214AA, SMBSupplier Device PackageDO-214AA (SMBJ)	Power - Peak Pulse	600W
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
Report errors'	Supplier Device Package	DO-214AA (SMBJ)
		Report errors?

SMBJ8.0A 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 ELARANTEE

Service Guarantees

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

SMBJ8.0A Payment Methods



SMBJ8.0A Shipping Methods



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