

### 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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#### 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.



#### **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
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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**



If you have any question about SMBJ8.0A, please do not hesitate to contact us! Website: https://www.heisener.com E-mail: salesdept@heisener.com