

# SMDJ17

### **SMDJ17 Information**



Part Number	SMDJ17
Manufacturer	Littelfuse Inc.
Category	Circuit Protection TVS - Diodes
Description	TVS DIODE 17VWM 28.98VC SMD
Package	DO-214AB, SMC
	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.



## **SMDJ17 Specifications**

Manufacturer Littelfuse Inc.   Category Circuit Protection   TVS - Diodes TVS - Diodes   Package DO-214AB, SMC   Series SMDJ   Type Zener   Undirectional Channels 1   Bidirectional Channels -   Voltage - Reverse Standoff (Typ) 7/V   Voltage - Breakdown (Min) 17/V   Voltage - Clamping (Max) @ Ipp 28.98V   Current - Peak Pulse (10/1000µs) 108.7A   Power Line Protection No   Applications General Purpose   Capacitance @ Frequency -   Operating Temperature -   Package / Case Surface Mount   Package / Case Surface Mount	-	
CategoryCircuit ProtectionTVS - DiodesPackageDO-214AB, SMCSeriesSMDJSperiesSMDJTypeZenerUndirectional Channels1Bidirectional Channels-Voltage - Reverse Standoff (Typ)17VVoltage - Breakdown (Min)17.91VVoltage - Clamping (Max) @ Ipp28.98VCurrent - Peak Pulse (10/100µs)108.7APower Line ProtectionNoApplicationsGeneral PurposeCapacitance @ Frequency-Operating Temperature65°C ~ 150°C (TJ)Mounting TypeSurface MountPackage / CaseDO-214AB, SMCSupplier Device PackageDO-214AB (SMCJ)	Manufacturer Part Number	SMDJ17
TVS - DiodesPackageDO-214AB, SMCSeriesSMDJTypeZenerUnidirectional Channels1Bidirectional Channels-Voltage - Reverse Standoff (Typ)17VVoltage - Breakdown (Min)17.91VVoltage - Clamping (Max) @ Ipp28.98VCurrent - Peak Pulse (10/1000µs)108.7APower Line ProtectionNoApplicationsGeneral PurposeCapacitance @ Frequency-Operating Temperature-65°C ~ 150°C (TJ)Mounting TypeSurface MountPackage / CaseDO-214AB, SMCSupplier Device PackageDO-214AB (SMCJ)	Manufacturer	Littelfuse Inc.
PackageDO-214AB, SMCSeriesSMDJTypeZenerUnidirectional Channels1Bidirectional Channels-Voltage - Reverse Standoff (Typ)17VVoltage - Breakdown (Min)17.91VVoltage - Clamping (Max) @ Ipp28.98VCurrent - Peak Pulse (10/1000µs)108.7APower - Peak Pulse3000W (3kW)Power Line ProtectionNoApplicationsGeneral PurposeCapacitance @ Frequency-Operating Temperature65°C ~ 150°C (TJ)Package / CaseDO-214AB, SMCSupplier Device PackageDO-214AB (SMCJ)	Category	Circuit Protection
NoteSeriesTypeZenerUnidirectional Channels1Bidirectional Channels-Voltage - Reverse Standoff (Typ)17VVoltage - Breakdown (Min)7.91VVoltage - Clamping (Max) @ Ipp28.98VCurrent - Peak Pulse (10/1000µs)108.7APower Line ProtectionNoApplicationsGeneral PurposeCapacitance @ Frequency-Operating Type65°C ~ 150°C (TJ)Mounting TypeSurface MountPackage / CaseDO-214AB (SMCJ)		TVS - Diodes
TypeZenerUnidirectional Channels1Bidirectional Channels-Voltage - Reverse Standoff (Typ)17VVoltage - Breakdown (Min)17.91VVoltage - Clamping (Max) @ Ipp28.98VCurrent - Peak Pulse (10/1000µs)108.7APower - Peak Pulse3000W (3kW)Power Line ProtectionNoApplicationsGeneral PurposeCapacitance @ Frequency-Operating Temperature-50°C (TJ)Package / CaseDo-214AB, SMCSupplier Device PackageDo-214AB (SMCJ)	Package	DO-214AB, SMC
AUnidirectional Channels1Bidirectional Channels-Voltage - Reverse Standoff (Typ)17VVoltage - Breakdown (Min)17.91VVoltage - Clamping (Max) @ Ipp28.98VCurrent - Peak Pulse (10/1000µs)108.7APower - Peak Pulse (10/1000µs)3000W (3kW)Power - Peak Pulse3000W (3kW)Power Line ProtectionNoApplicationsGeneral PurposeCapacitance @ Frequency-Operating Temperature-5°C ~ 150°C (TJ)Mounting TypeSurface MountPackage / CaseDO-214AB, SMCSupplier Device PackageDO-214AB (SMCJ)	Series	SMDJ
Bidirectional Channels-Bidirectional Channels-Voltage - Reverse Standoff (Typ)17VVoltage - Breakdown (Min)17.91VVoltage - Clamping (Max) @ Ipp28.98VCurrent - Peak Pulse (10/1000µs)108.7APower - Peak Pulse (10/1000µs)3000W (3kW)Power - Peak Pulse3000W (3kW)Power Line ProtectionNoApplicationsGeneral PurposeCapacitance @ Frequency-Operating Temperature-65°C ~ 150°C (TJ)Mounting TypeSurface MountPackage / CaseDO-214AB, SMCSupplier Device PackageDO-214AB (SMCJ)	Туре	Zener
Voltage - Reverse Standoff (Typ)17VVoltage - Breakdown (Min)17.91VVoltage - Clamping (Max) @ Ipp28.98VCurrent - Peak Pulse (10/100µs)108.7APower - Peak Pulse3000W (3kW)Power Line ProtectionNoApplicationsGeneral PurposeCapacitance @ Frequency-Operating Temperature50°C ~ 150°C (TJ)Mounting TypeSurface MountPackage / CaseDO-214AB, SMCSupplier Device PackageDO-214AB (SMCJ)	Unidirectional Channels	1
Voltage - Breakdown (Min)17.91VVoltage - Clamping (Max) @ Ipp28.98VCurrent - Peak Pulse (10/1000µs)108.7APower - Peak Pulse3000W (3kW)Power Line ProtectionNoApplicationsGeneral PurposeCapacitance @ Frequency-Operating Temperature-55°C ~ 150°C (TJ)Mounting TypeSurface MountPackage / CaseDO-214AB, SMCSupplier Device PackageDO-214AB (SMCJ)	Bidirectional Channels	-
Voltage - Clamping (Max) @ Ipp28.98VCurrent - Peak Pulse (10/1000µs)108.7APower - Peak Pulse3000W (3kW)Power Line ProtectionNoApplicationsGeneral PurposeCapacitance @ Frequency-Operating Temperature-65°C ~ 150°C (TJ)Mounting TypeSurface MountPackage / CaseDO-214AB, SMCCSupplier Device PackageDO-214AB (SMCJ)	Voltage - Reverse Standoff (Typ)	17V
Current - Peak Pulse (10/1000µs)108.7APower - Peak Pulse3000W (3kW)Power Line ProtectionNoApplicationsGeneral PurposeCapacitance @ Frequency-Operating Temperature-65°C ~ 150°C (TJ)Mounting TypeSurface MountPackage / CaseDO-214AB, SMCSupplier Device PackageDO-214AB (SMCJ)	Voltage - Breakdown (Min)	17.91V
Power - Peak Pulse3000W (3kW)Power Line ProtectionNoApplicationsGeneral PurposeCapacitance @ Frequency-Operating Temperature-65°C ~ 150°C (TJ)Mounting TypeSurface MountPackage / CaseDO-214AB, SMCSupplier Device PackageDO-214AB (SMCJ)	Voltage - Clamping (Max) @ Ipp	28.98V
Power Line ProtectionNoApplicationsGeneral PurposeCapacitance @ Frequency-Operating Temperature-65°C ~ 150°C (TJ)Mounting TypeSurface MountPackage / CaseDO-214AB, SMCSupplier Device PackageDO-214AB (SMCJ)	Current - Peak Pulse (10/1000µs)	108.7A
ApplicationsGeneral PurposeCapacitance @ Frequency-Operating Temperature-65°C ~ 150°C (TJ)Mounting TypeSurface MountPackage / CaseDO-214AB, SMCSupplier Device PackageDO-214AB (SMCJ)	Power - Peak Pulse	3000W (3kW)
Capacitance @ Frequency-Operating Temperature-65°C ~ 150°C (TJ)Mounting TypeSurface MountPackage / CaseDO-214AB, SMCSupplier Device PackageDO-214AB (SMCJ)	Power Line Protection	No
Operating Temperature-65°C ~ 150°C (TJ)Mounting TypeSurface MountPackage / CaseDO-214AB, SMCSupplier Device PackageDO-214AB (SMCJ)	Applications	General Purpose
Mounting TypeSurface MountPackage / CaseDO-214AB, SMCSupplier Device PackageDO-214AB (SMCJ)	Capacitance @ Frequency	-
Package / CaseDO-214AB, SMCSupplier Device PackageDO-214AB (SMCJ)	Operating Temperature	-65°C ~ 150°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?

### **SMDJ17** 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.



If you have any question about SMDJ17, please do not hesitate to contact us! Website: https://www.heisener.com E-mail: salesdept@heisener.com