



TP1.5KE20CA Information



For Reference Only

Part Number TP1.5KE20CA
Manufacturer Littelfuse Inc.
Category Circuit Protection
TVS - Diodes

Description TVS DIODE 17.1WVM 27.7VC AEC-Q

Package DO-201AA, DO-27, Axial

For the pricing/inventory/lead time, please contact

us

Website: https://www.heisener.com E-mail: salesdept@heisener.com



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TP1.5KE20CA Specifications

Manufacturer Part NumberTP1.5KE20CAManufacturerLittelfuse Inc.CategoryCircuit ProtectionTVS - DiodesPackageDO-201AA, DO-27, AxialSeriesAutomotive, AEC-Q101, TP1.5KETypeZenerUnidirectional Channels-Bidirectional Channels1Voltage - Reverse Standoff (Typ)20VVoltage - Breakdown (Min)19VVoltage - Clamping (Max) @ Ipp27.7VCurrent - Peak Pulse (10/1000μs)54.9APower - Peak Pulse1500W (1.5kW)Power Line ProtectionNoApplicationsGeneral PurposeCapacitance @ Frequency-Operating Temperature-55°C ~ 150°C (TJ)Mounting TypeThrough Hole		
Category Circuit Protection TVS - Diodes Package DO-201AA, DO-27, Axial Series Automotive, AEC-Q101, TP1.5KE Type Zener Unidirectional Channels Bidirectional Channels 1 Voltage - Reverse Standoff (Typ) 20V Voltage - Breakdown (Min) 19V Voltage - Clamping (Max) @ Ipp 27.7V Current - Peak Pulse (10/1000µs) 54.9A Power - Peak Pulse 1500W (1.5kW) Power Line Protection No Applications General Purpose Capacitance @ Frequency Operating Temperature -55°C ~ 150°C (TJ) Mounting Type Through Hole	Manufacturer Part Number	TP1.5KE20CA
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PackageDO-201AA, DO-27, AxialSeriesAutomotive, AEC-Q101, TP1.5KETypeZenerUnidirectional Channels-Bidirectional Channels1Voltage - Reverse Standoff (Typ)20VVoltage - Breakdown (Min)19VVoltage - Clamping (Max) @ Ipp27.7VCurrent - Peak Pulse (10/1000μs)54.9APower - Peak Pulse1500W (1.5kW)Power Line ProtectionNoApplicationsGeneral PurposeCapacitance @ Frequency-Operating Temperature-55°C ~ 150°C (TJ)Mounting TypeThrough Hole	Category	Circuit Protection
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Bidirectional Channels1Voltage - Reverse Standoff (Typ)20VVoltage - Breakdown (Min)19VVoltage - Clamping (Max) @ Ipp27.7VCurrent - Peak Pulse (10/1000μs)54.9APower - Peak Pulse1500W (1.5kW)Power Line ProtectionNoApplicationsGeneral PurposeCapacitance @ Frequency-Operating Temperature-55°C ~ 150°C (TJ)Mounting TypeThrough Hole	Туре	Zener
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Voltage - Breakdown (Min) 19V Voltage - Clamping (Max) @ Ipp 27.7V Current - Peak Pulse (10/1000μs) Power - Peak Pulse 1500W (1.5kW) Power Line Protection Applications General Purpose Capacitance @ Frequency Operating Temperature Mounting Type 19V 27.7V 27.7V 54.9A Power Line Protection No General Purpose - Through Hole	Bidirectional Channels	1
Voltage - Clamping (Max) @ Ipp27.7VCurrent - Peak Pulse (10/1000μs)54.9APower - Peak Pulse1500W (1.5kW)Power Line ProtectionNoApplicationsGeneral PurposeCapacitance @ Frequency-Operating Temperature-55°C ~ 150°C (TJ)Mounting TypeThrough Hole	Voltage - Reverse Standoff (Typ)	20V
Current - Peak Pulse (10/1000μs)54.9APower - Peak Pulse1500W (1.5kW)Power Line ProtectionNoApplicationsGeneral PurposeCapacitance @ Frequency-Operating Temperature-55°C ~ 150°C (TJ)Mounting TypeThrough Hole	Voltage - Breakdown (Min)	19V
Power - Peak Pulse 1500W (1.5kW) Power Line Protection No Applications General Purpose Capacitance @ Frequency - Operating Temperature -55°C ~ 150°C (TJ) Mounting Type Through Hole	Voltage - Clamping (Max) @ Ipp	27.7V
Power Line ProtectionNoApplicationsGeneral PurposeCapacitance @ Frequency-Operating Temperature-55°C ~ 150°C (TJ)Mounting TypeThrough Hole	Current - Peak Pulse (10/1000µs)	54.9A
Applications Capacitance @ Frequency Operating Temperature Mounting Type General Purpose -55°C ~ 150°C (TJ) Through Hole	Power - Peak Pulse	1500W (1.5kW)
Capacitance @ Frequency - Operating Temperature -55°C ~ 150°C (TJ) Mounting Type Through Hole	Power Line Protection	No
Operating Temperature $-55^{\circ}\text{C} \sim 150^{\circ}\text{C} \text{ (TJ)}$ Mounting Type Through Hole	Applications	General Purpose
Mounting Type Through Hole	Capacitance @ Frequency	-
	Operating Temperature	-55°C ~ 150°C (TJ)
	Mounting Type	Through Hole
Package / Case DO-201AA, DO-27, Axial	Package / Case	DO-201AA, DO-27, Axial
Supplier Device Package DO-201	Supplier Device Package	DO-201
Report errors?		Report errors?

TP1.5KE20CA 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.

TP1.5KE20CA Payment Methods

































If you have any question about TP1.5KE20CA, please do not hesitate to contact us!

Website: https://www.heisener.com E-mail: salesdept@heisener.com