



TP1.5KE47CA Information



For Reference Only

Part Number TP1.5KE47CA

Manufacturer Littelfuse Inc.

Category Circuit Protection
TVS - Diodes

Description TVS DIODE 40.2WVM 64.8VC 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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TP1.5KE47CA Specifications

Manufacturer Part NumberTP1.5KE47CAManufacturerLittelfuse Inc.CategoryCircuit ProtectionTVS - DiodesPackageDO-201AA, DO-27, AxialSeriesAutomotive, AEC-Q101, TP1.5KETypeZenerUnidirectional Channels-Bidirectional Channels1Voltage - Reverse Standoff (Typ)40.2VVoltage - Breakdown (Min)44.7VVoltage - Clamping (Max) @ Ipp64.8VCurrent - Peak Pulse (10/1000µs)23.5APower - 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) 40.2V Voltage - Breakdown (Min) 44.7V Voltage - Clamping (Max) @ Ipp 64.8V Current - Peak Pulse (10/1000µs) 23.5A Power - Peak Pulse 1500W (1.5kW) Power Line Protection No Applications General Purpose Capacitance @ Frequency - 55°C ~ 150°C (TJ)	Manufacturer Part Number	TP1.5KE47CA
Package DO-201AA, DO-27, Axial Series Automotive, AEC-Q101, TP1.5KE Type Zener Unidirectional Channels - Bidirectional Channels 1 Voltage - Reverse Standoff (Typ) 40.2V Voltage - Breakdown (Min) 44.7V Voltage - Clamping (Max) @ Ipp 64.8V Current - Peak Pulse (10/1000μs) 23.5A Power - Peak Pulse 1500W (1.5kW) Power Line Protection No Applications General Purpose Capacitance @ Frequency - Operating Temperature -55°C ~ 150°C (TJ)	Manufacturer	Littelfuse Inc.
PackageDO-201AA, DO-27, AxialSeriesAutomotive, AEC-Q101, TP1.5KETypeZenerUnidirectional Channels-Bidirectional Channels1Voltage - Reverse Standoff (Typ)40.2VVoltage - Breakdown (Min)44.7VVoltage - Clamping (Max) @ Ipp64.8VCurrent - Peak Pulse (10/1000μs)23.5APower - Peak Pulse1500W (1.5kW)Power Line ProtectionNoApplicationsGeneral PurposeCapacitance @ Frequency-Operating Temperature-55°C ~ 150°C (TJ)	Category	Circuit Protection
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Unidirectional Channels Bidirectional Channels Voltage - Reverse Standoff (Typ) 40.2V Voltage - Breakdown (Min) 44.7V Voltage - Clamping (Max) @ Ipp 64.8V Current - Peak Pulse (10/1000μs) 23.5A Power - Peak Pulse 1500W (1.5kW) Power Line Protection Applications General Purpose Capacitance @ Frequency Operating Temperature -55°C ~ 150°C (TJ)	Series	Automotive, AEC-Q101, TP1.5KE
Bidirectional Channels Voltage - Reverse Standoff (Typ) 40.2V Voltage - Breakdown (Min) 44.7V Voltage - Clamping (Max) @ Ipp 64.8V Current - Peak Pulse (10/1000μs) 23.5A Power - Peak Pulse 1500W (1.5kW) Power Line Protection Applications General Purpose Capacitance @ Frequency Operating Temperature 1 1 40.2V 40.2V 40.2V 40.2V 40.2V 64.8V 6	Туре	Zener
Voltage - Reverse Standoff (Typ)40.2VVoltage - Breakdown (Min)44.7VVoltage - Clamping (Max) @ Ipp64.8VCurrent - Peak Pulse (10/1000μs)23.5APower - Peak Pulse1500W (1.5kW)Power Line ProtectionNoApplicationsGeneral PurposeCapacitance @ Frequency-Operating Temperature-55°C ~ 150°C (TJ)	Unidirectional Channels	-
Voltage - Breakdown (Min)44.7VVoltage - Clamping (Max) @ Ipp64.8VCurrent - Peak Pulse (10/1000μs)23.5APower - Peak Pulse1500W (1.5kW)Power Line ProtectionNoApplicationsGeneral PurposeCapacitance @ Frequency-Operating Temperature-55°C ~ 150°C (TJ)	Bidirectional Channels	1
Voltage - Clamping (Max) @ Ipp64.8VCurrent - Peak Pulse (10/1000μs)23.5APower - Peak Pulse1500W (1.5kW)Power Line ProtectionNoApplicationsGeneral PurposeCapacitance @ Frequency-Operating Temperature-55°C ~ 150°C (TJ)	Voltage - Reverse Standoff (Typ)	40.2V
Current - Peak Pulse (10/1000µs) Power - Peak Pulse 1500W (1.5kW) Power Line Protection Applications Capacitance @ Frequency Operating Temperature 23.5A 1500W (1.5kW) No General Purpose - 55°C ~ 150°C (TJ)	Voltage - Breakdown (Min)	44.7V
Power - Peak Pulse 1500W (1.5kW) Power Line Protection No Applications General Purpose Capacitance @ Frequency - Operating Temperature -55°C ~ 150°C (TJ)	Voltage - Clamping (Max) @ Ipp	64.8V
Power Line ProtectionNoApplicationsGeneral PurposeCapacitance @ Frequency-Operating Temperature-55°C ~ 150°C (TJ)	Current - Peak Pulse (10/1000µs)	23.5A
Applications General Purpose Capacitance @ Frequency - Operating Temperature -55°C ~ 150°C (TJ)	Power - Peak Pulse	1500W (1.5kW)
Capacitance @ Frequency - Operating Temperature -55°C ~ 150°C (TJ)	Power Line Protection	No
Operating Temperature $-55^{\circ}\text{C} \sim 150^{\circ}\text{C} \text{ (TJ)}$	Applications	General Purpose
	Capacitance @ Frequency	-
Mounting Type Through Hole	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?

TP1.5KE47CA 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.

TP1.5KE47CA Payment Methods





















TP1.5KE47CA Shipping Methods













If you have any question about TP1.5KE47CA, please do not hesitate to contact us!

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