



MXLP5KE51CA Information



For Reference Only

Part NumberMXLP5KE51CAManufacturerMicrosemi CorporationCategoryCircuit Protection

TVS - Diodes

Description TVS DIODE 51VWM 82.4VC DO41

Package DO-204AL, DO-41, Axial

For the pricing/inventory/lead time, please contact

us

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



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MXLP5KE51CA Specifications

Manufacturer Microsemi Corporation Category Circuit Protection TVS - Diodes Package DO-204AL, DO-41, Axial Series Military, MIL-PRF-19500 Type Zener Unidirectional Channels - Bidirectional Channels 1 Voltage - Reverse Standoff (Typ) 51V Voltage - Breakdown (Min) 56.7V Voltage - Clamping (Max) @ Ipp 82.4V Current - Peak Pulse (10/1000μs) 6.1A Power - Peak Pulse 500W Power Line Protection No Applications General Purpose Capacitance @ Frequency - Operating Temperature -65°C ~ 150°C (TJ) Mounting Type Through Hole Package / Case DO-204AL, DO-41, Axial		
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TVS - Diodes Package DO-204AL, DO-41, Axial Military, MIL-PRF-19500 Type Zener Unidirectional Channels I Voltage - Reverse Standoff (Typ) Voltage - Breakdown (Min) Voltage - Clamping (Max) @ Ipp 82.4V Current - Peak Pulse (10/1000μs) 6.1A Power - Peak Pulse Power Line Protection No Applications General Purpose Capacitance @ Frequency Operating Temperature Mounting Type Through Hole Package / Case DO-204AL, DO-41, Axial Supplier Device Package	Manufacturer	Microsemi Corporation
Package DO-204AL, DO-41, Axial Series Military, MIL-PRF-19500 Type Zener Unidirectional Channels - Bidirectional Channels 1 Voltage - Reverse Standoff (Typ) 51V Voltage - Breakdown (Min) 56.7V Voltage - Clamping (Max) @ Ipp 82.4V Current - Peak Pulse (10/1000μs) 6.1A Power - Peak Pulse 500W Power Line Protection No Applications General Purpose Capacitance @ Frequency - Operating Temperature -65°C ~ 150°C (TJ) Mounting Type Through Hole Package / Case DO-204AL, DO-41, Axial Supplier Device Package DO-204AL (DO-41)	Category	Circuit Protection
Series Military, MIL-PRF-19500 Type Zener Unidirectional Channels - Bidirectional Channels 1 Voltage - Reverse Standoff (Typ) 51V Voltage - Breakdown (Min) 56.7V Voltage - Clamping (Max) @ Ipp 82.4V Current - Peak Pulse (10/1000μs) 6.1A Power - Peak Pulse So0W Power Line Protection No Applications General Purpose Capacitance @ Frequency - Operating Temperature -65°C ~ 150°C (TJ) Mounting Type Through Hole Package / Case DO-204AL, DO-41, Axial Supplier Device Package DO-204AL (DO-41)		TVS - Diodes
TypeZenerUnidirectional Channels-Bidirectional Channels1Voltage - Reverse Standoff (Typ)51VVoltage - Breakdown (Min)56.7VVoltage - Clamping (Max) @ Ipp82.4VCurrent - Peak Pulse (10/1000μs)6.1APower - Peak Pulse500WPower Line ProtectionNoApplicationsGeneral PurposeCapacitance @ Frequency-Operating Temperature-65°C ~ 150°C (TJ)Mounting TypeThrough HolePackage / CaseDO-204AL, DO-41, AxialSupplier Device PackageDO-204AL (DO-41)	Package	DO-204AL, DO-41, Axial
Unidirectional Channels Bidirectional Channels 1 Voltage - Reverse Standoff (Typ) 51V Voltage - Breakdown (Min) 56.7V Voltage - Clamping (Max) @ Ipp 82.4V Current - Peak Pulse (10/1000µs) 6.1A Power - Peak Pulse 500W Power Line Protection No Applications General Purpose Capacitance @ Frequency Operating Temperature -65°C ~ 150°C (TJ) Mounting Type Through Hole Package / Case DO-204AL, DO-41, Axial Supplier Device Package DO-204AL (DO-41)	Series	Military, MIL-PRF-19500
Bidirectional Channels Voltage - Reverse Standoff (Typ) 51V Voltage - Breakdown (Min) 56.7V Voltage - Clamping (Max) @ Ipp 82.4V Current - Peak Pulse (10/1000µs) 6.1A Power - Peak Pulse Fower Line Protection Applications General Purpose Capacitance @ Frequency Operating Temperature Mounting Type Through Hole Package / Case DO-204AL, DO-41, Axial Supplier Device Package	Туре	Zener
Voltage - Reverse Standoff (Typ) Voltage - Breakdown (Min) 56.7V Voltage - Clamping (Max) @ Ipp 82.4V Current - Peak Pulse (10/1000µs) Power - Peak Pulse 500W Power Line Protection Applications General Purpose Capacitance @ Frequency Operating Temperature Mounting Type Through Hole Package / Case DO-204AL, DO-41, Axial Supplier Device Package	Unidirectional Channels	-
Voltage - Breakdown (Min) Voltage - Clamping (Max) @ Ipp 82.4V Current - Peak Pulse (10/1000μs) 6.1A Power - Peak Pulse Foodward Line Protection No Applications General Purpose Capacitance @ Frequency Operating Temperature Mounting Type Through Hole Package / Case DO-204AL, DO-41, Axial Supplier Device Package DO-204AL (DO-41)	Bidirectional Channels	1
Voltage - Clamping (Max) @ Ipp Current - Peak Pulse (10/1000μs) 6.1A Power - Peak Pulse 500W Power Line Protection No Applications General Purpose Capacitance @ Frequency Operating Temperature Mounting Type Through Hole Package / Case DO-204AL, DO-41, Axial Supplier Device Package	Voltage - Reverse Standoff (Typ)	51V
Current - Peak Pulse (10/1000µs) Power - Peak Pulse 500W Power Line Protection No Applications Capacitance @ Frequency Operating Temperature Mounting Type Through Hole Package / Case DO-204AL, DO-41, Axial Supplier Device Package 6.1A 6.1A 6.1A 6.1A 6.1A 6.1A Fower - Peak Pulse 6.1A 6.1A 6.1A Fower - Peak Pulse Fower - P	Voltage - Breakdown (Min)	56.7V
Power - Peak Pulse Fower Line Protection Applications Capacitance @ Frequency Operating Temperature Mounting Type Package / Case Supplier Device Package 500W No Reneral Purpose -65°C ~ 150°C (TJ) Through Hole DO-204AL, DO-41, Axial DO-204AL (DO-41)	Voltage - Clamping (Max) @ Ipp	82.4V
Power Line Protection Applications General Purpose Capacitance @ Frequency Operating Temperature -65°C ~ 150°C (TJ) Mounting Type Through Hole Package / Case DO-204AL, DO-41, Axial Supplier Device Package DO-204AL (DO-41)	Current - Peak Pulse (10/1000µs)	6.1A
Applications Capacitance @ Frequency Operating Temperature Mounting Type Through Hole Package / Case DO-204AL, DO-41, Axial DO-204AL (DO-41)	Power - Peak Pulse	500W
Capacitance @ Frequency Operating Temperature -65°C ~ 150°C (TJ) Mounting Type Through Hole Package / Case DO-204AL, DO-41, Axial Supplier Device Package DO-204AL (DO-41)	Power Line Protection	No
Operating Temperature -65°C ~ 150°C (TJ) Mounting Type Through Hole Package / Case DO-204AL, DO-41, Axial Supplier Device Package DO-204AL (DO-41)	Applications	General Purpose
Mounting Type Through Hole Package / Case DO-204AL, DO-41, Axial Supplier Device Package DO-204AL (DO-41)	Capacitance @ Frequency	-
Package / Case DO-204AL, DO-41, Axial Supplier Device Package DO-204AL (DO-41)	Operating Temperature	-65°C ~ 150°C (TJ)
Supplier Device Package DO-204AL (DO-41)	Mounting Type	Through Hole
	Package / Case	DO-204AL, DO-41, Axial
Report errors?	Supplier Device Package	DO-204AL (DO-41)
		Report errors?

MXLP5KE51CA 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.

MXLP5KE51CA Payment Methods





















MXLP5KE51CA Shipping Methods













If you have any question about MXLP5KE51CA, please do not hesitate to contact us!

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