

MAP6KE51A

MAP6KE51A Information

Heisener.com	 MAP6KE51A Microsemi Corporation Circuit Protection TVS - Diodes TVS DIODE 43.6VWM 70.1VC T18 T-18, Axial For the pricing/inventory/lead time, please contact	
For Reference Only	us Website: https://www.heisener.com E-mail: salesdept@heisener.com	Request a Quote

Certified Quality

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MAP6KE51A Specifications

ManufacturerMicrosemi CorporationCategoryCircuit Protection TVS - DiodesPackageT-18, AxialSeriesMilitary, MIL-PRF-19500SpriesZenerUnidirectional Channels1Bidirectional Channels-Voltage - Reverse Standoff (Typ)43.6VVoltage - Breakdown (Min)8.6AVoltage - Clamping (Max) @ Ipp50.0WCurrent - Peak Pulse (10/1000µs)8.6APower Line ProtectionNoApplicationsGeneral PurposeCapacitance @ Frequency-Operating Temperature-65°C ~ 150°C (TJ)Mounting TypeThrough HolePackage / CaseT-18, AxialSupplier Device PackageT-18, Axial		
CategoryCircuit ProtectionTVS - DiodesPackageT-18, AxialSeriesMilitary, MIL-PRF-19500TypeZenerUndirectional Channels1Bidirectional Channels-Voltage - Reverse Standoff (Typ)43.6VVoltage - Reverse Standoff (Typ)64.5VVoltage - Clamping (Max) @ Ipp56.APower Line Protection600WPower Line Protection600WApplicationsGeneral PurposeCapacitance @ Frequency-Operating Temperature-65°C ~ 150°C (TJ)Mounting TypeThrough HolePackage / Case51.8, AxialSupplier Device PackageT-18	Manufacturer Part Number	MAP6KE51A
TVS - Diodes Package T-18, Axial Series Military, MIL-PRF-19500 Type Zener Unidirectional Channels 1 Bidirectional Channels - Voltage - Reverse Standoff (Typ) 43.6V Voltage - Breakdown (Min) 48.5V Voltage - Clamping (Max) @ Ipp 70.1V Current - Peak Pulse (10/1000µs) 8.6A Power - Peak Pulse 600W Power Line Protection No Applications General Purpose Capacitance @ Frequency - Operating Temperature -65°C ~ 150°C (TJ) Mounting Type Through Hole Package / Case T-18, Axial	Manufacturer	Microsemi Corporation
PackageT-18, AxialSeriesMilitary, MIL-PRF-19500TypeZenerUnidirectional Channels1Bidirectional Channels-Voltage - Reverse Standoff (Typ)43.6VVoltage - Breakdown (Min)48.5VVoltage - Clamping (Max) @ Ipp0.1VCurrent - Peak Pulse (10/1000µs)8.6APower - Peak Pulse600WPower Line ProtectionNoApplicationsGeneral PurposeCapacitance @ Frequency-Operating Temperature65°C ~ 150°C (TJ)Mounting TypeThough HolePackage / CaseT.18, AxialSupplier Device PackageT-18	Category	Circuit Protection
SeriesMiliary, MIL-PRF-19500TypeZenerUndirectional Channels1Bidirectional Channels-Voltage - Reverse Standoff (Typ)43.6VVoltage - Breakdown (Min)48.5VVoltage - Clamping (Max) @ Ipp70.1VCurrent - Peak Pulse (10/100µs)8.6APower - Peak Pulse600WPower Line ProtectionNoApplicationsGeneral PurposeOperating Temperature-Operating Temperatures-Power Age-Sunding TypeThrough HoleSupplier Device PackageT18, AxialSupplier Device PackageT-18		TVS - Diodes
TypeZenerUndirectional Channels1Bidirectional Channels-Voltage - Reverse Standoff (Typ)43.6VVoltage - Breakdown (Min)48.5VVoltage - Clamping (Max) @ Ipp70.1VCurrent - Peak Pulse (10/1000µs)8.6APower - Peak Pulse600WPower Line ProtectionNoApplicationsGeneral PurposeCapacitance @ Frequency-Operating Temperature-55°C ~150°C (TJ)Mounting TypeThrough HolePackage / CaseT-18Supplier Device PackageT-18	Package	T-18, Axial
JamInstructional Channels1Bidirectional Channels-Voltage - Reverse Standoff (Typ)43.6VVoltage - Breakdown (Min)48.5VVoltage - Clamping (Max) @ Ipp70.1VCurrent - Peak Pulse (10/1000µs)8.6APower - Peak Pulse (10/1000µs)600WPower - Peak Pulse600WPower Line ProtectionNoApplicationsGeneral PurposeCapacitance @ Frequency-Operating Temperature-50°C (TJ)Mounting TypeThrough HolePackage / CaseT-18, AxialSupplier Device PackageT-18	Series	Military, MIL-PRF-19500
Bidirectional Channels-Voltage - Reverse Standoff (Typ)43.6VVoltage - Breakdown (Min)48.5VVoltage - Clamping (Max) @ Ipp70.1VCurrent - Peak Pulse (10/1000µs)8.6APower - Peak Pulse600WPower Line ProtectionNoApplicationsGeneral PurposeCuperating Temperature-Operating Temperature-Mounting TypeThrough HolePackage / CaseT-18, AxialSupplier Device PackageT-18	Туре	Zener
Voltage - Reverse Standoff (Typ)43.6VVoltage - Breakdown (Min)48.5VVoltage - Clamping (Max) @ Ipp70.1VCurrent - Peak Pulse (10/1000µs)8.6APower - Peak Pulse (10/1000µs)600WPower Line ProtectionNoApplicationsGeneral PurposeCapacitance @ Frequency-Operating Temperature-65°C ~ 150°C (TJ)Mounting TypeThrough HolePackage / CaseT-18, AxialSupplier Device PackageT-18	Unidirectional Channels	1
Voltage - Breakdown (Min)48.5VVoltage - Clamping (Max) @ Ipp70.1VCurrent - Peak Pulse (10/1000µs)8.6APower - Peak Pulse600WPower Line ProtectionNoApplicationsGeneral PurposeCapacitance @ Frequency-Operating Temperature-55°C ~ 150°C (TJ)Mounting TypeThrough HolePackage / CaseT-18, AxialSupplier Device PackageT-18	Bidirectional Channels	-
Voltage - Clamping (Max) @ Ipp70.1VCurrent - Peak Pulse (10/1000µs)8.6APower - Peak Pulse600WPower Line ProtectionNoApplicationsGeneral PurposeCapacitance @ Frequency-Operating Temperature-65°C ~ 150°C (TJ)Mounting TypeThrough HolePackage / CaseT-18, AxialSupplier Device PackageT-18	Voltage - Reverse Standoff (Typ)	43.6V
Current - Peak Pulse (10/1000µs)8.6APower - Peak Pulse600WPower Line ProtectionNoApplicationsGeneral PurposeCapacitance @ Frequency-Operating Temperature-65°C ~ 150°C (TJ)Mounting TypeThrough HolePackage / CaseT-18, AxialSupplier Device PackageT-18	Voltage - Breakdown (Min)	48.5V
Power - Peak Pulse600WPower Line ProtectionNoApplicationsGeneral PurposeCapacitance @ Frequency-Operating Temperature-50°C (TJ)Mounting TypeThrough HolePackage / CaseT-18, AxialSupplier Device PackageT-18	Voltage - Clamping (Max) @ Ipp	70.1V
Power Line ProtectionNoApplicationsGeneral PurposeCapacitance @ Frequency-Operating Temperature-65°C ~ 150°C (TJ)Mounting TypeThrough HolePackage / CaseT-18, AxialSupplier Device PackageT-18	Current - Peak Pulse (10/1000µs)	8.6A
ApplicationsGeneral PurposeCapacitance @ Frequency-Operating Temperature-65°C ~ 150°C (TJ)Mounting TypeThrough HolePackage / CaseT-18, AxialSupplier Device PackageT-18	Power - Peak Pulse	600W
Capacitance @ Frequency-Operating Temperature-65°C ~ 150°C (TJ)Mounting TypeThrough HolePackage / CaseT-18, AxialSupplier Device PackageT-18	Power Line Protection	No
Operating Temperature-65°C ~ 150°C (TJ)Mounting TypeThrough HolePackage / CaseT-18, AxialSupplier Device PackageT-18	Applications	General Purpose
Mounting TypeThrough HolePackage / CaseT-18, AxialSupplier Device PackageT-18	Capacitance @ Frequency	-
Package / CaseT-18, AxialSupplier Device PackageT-18	Operating Temperature	-65°C ~ 150°C (TJ)
Supplier Device Package T-18	Mounting Type	Through Hole
	Package / Case	T-18, Axial
Report errors ²	Supplier Device Package	T-18
		Report errors?

MAP6KE51A 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 EUARANTEE

Service Guarantees

We guarantee 100% customer satisfaction. Our experienced sales team and tech support team back our services to satisfy all our customers.

MAP6KE51A Payment Methods



MAP6KE51A Shipping Methods



If you have any question about MAP6KE51A, please do not hesitate to contact us! Website: https://www.heisener.com E-mail: salesdept@heisener.com