

# MP6KE27CA

### **MP6KE27CA** Information

Heisener.com	 MP6KE27CA Microsemi Corporation Circuit Protection TVS - Diodes TVS DIODE 23.1VWM 37.5VC 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**

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.



# **MP6KE27CA** Specifications

ManufacturerMicrosemi CorporationCategoryCircuit ProtectionTVS - DiodesTVS - DiodesPackageT-18, AxialSeriesMilitary, MIL-PRF-19500SpriesMilitary, MIL-PRF-19500TypeZenerUnidirectional Channels-Bidirectional Channels1Voltage - Reverse Standoff (Typ)23.1VVoltage - Breakdown (Min)25.7VVoltage - Clamping (Max) @ Ipp37.5VCurrent - Peak Pulse (10/1000µs)16APower Line ProtectionNoApplicationsGeneral PurposeCapacitance @ Frequency-Operating Temperature-65°C ~ 150°C (TJ)Mounting TypeThrough HolePackage / CaseT-18, Axial		
CategoryCircuit ProtectionTVS - DiodesPackageT-18, AxialSeriesMilitary, MIL-PRF-19500TypeZenerUndirectional Channels-Bidirectional Channels1Voltage - Reverse Standoff (Typ)23.1VVoltage - Reverse Standoff (Typ)25.7VVoltage - Clamping (Max) @ Ipp37.5VCurrent - Peak Pulse (10/100µs)16APower Line ProtectionNoApplicationsGeneral PurposeCapacitance @ Frequency-Operating Temperature-65°C ~ 150°C (TJ)Mounting TypeThrough HolePackage / CaseT-18, Axial	Manufacturer Part Number	MP6KE27CA
TVS - DiodesPackageT-18, AxialSeriesMilitary, MIL-PRF-19500TypeZenerUnidirectional Channels-Bidirectional Channels1Voltage - Reverse Standoff (Typ)23.1VVoltage - Breakdown (Min)25.7VVoltage - Clamping (Max) @ Ipp37.5VCurrent - Peak Pulse (10/1000µs)16APower Line ProtectionNoApplicationsGeneral PurposeCapacitance @ Frequency-Operating Temperature-65°C ~ 150°C (TJ)Mounting TypeThrough HolePackage / CaseT-18, AxialSupplier Device PackageT-18	Manufacturer	Microsemi Corporation
PackageT-18, AxialSeriesMilitary, MIL-PRF-19500TypeZenerUnidirectional Channels-Bidirectional Channels1Voltage - Reverse Standoff (Typ)23.1VVoltage - Breakdown (Min)25.7VVoltage - Clamping (Max) @ Ipp37.5VCurrent - Peak Pulse (10/1000µs)16APower - Peak Pulse600WPower Line ProtectionNoApplicationsGeneral PurposeCapacitance @ Frequency-Operating Temperature-65°C ~ 150°C (TJ)Mounting TypeThrough HolePackage / CaseT-18, AxialSupplier Device PackageT-18	Category	Circuit Protection
NoMilitary, MIL-PRF-19500TypeZenerUnidirectional Channels-Bidirectional Channels1Voltage - Reverse Standoff (Typ)23.1VVoltage - Breakdown (Min)25.7VVoltage - Clamping (Max) @ Ipp37.5VCurrent - Peak Pulse (10/1000µs)16APower - Peak Pulse600WPower Line ProtectionNoApplicationsGeneral PurposeCapacitance @ Frequency-Operating TypeThrough HolePackage / CaseT.18, AxialSupplier Device PackageT.18		TVS - Diodes
TypeZenerUnidirectional Channels-Bidirectional Channels1Voltage - Reverse Standoff (Typ)23.1VVoltage - Breakdown (Min)25.7VVoltage - Clamping (Max) @ Ipp37.5VCurrent - Peak Pulse (10/1000µs)16APower - Peak Pulse (10/1000µs)600WPower Line ProtectionNoApplicationsGeneral PurposeCapacitance @ Frequency-Operating Temperature-55°C ~150°C (TJ)Mounting TypeThrough HolePackage / CaseT-18Supplier Device PackageT-18	Package	T-18, Axial
ArArUnidirectional Channels-Bidirectional Channels1Voltage - Reverse Standoff (Typ)23.1VVoltage - Breakdown (Min)25.7VVoltage - Clamping (Max) @ Ipp37.5VCurrent - Peak Pulse (10/1000µs)16APower - Peak Pulse (10/1000µs)600WPower - Peak Pulse600WPower Line ProtectionNoApplicationsGeneral PurposeCapacitance @ Frequency-Operating Temperature65°C ~ 150°C (TJ)Mounting TypeThrough HolePackage / CaseT-18, AxialSupplier Device PackageT-18	Series	Military, MIL-PRF-19500
Bidirectional Channels1Bidirectional Channels23.1VVoltage - Reverse Standoff (Typ)25.7VVoltage - Breakdown (Min)25.7VVoltage - Clamping (Max) @ Ipp37.5VCurrent - Peak Pulse (10/1000µs)16APower - Peak Pulse (10/1000µs)600WPower - Peak Pulse600WPower Line ProtectionNoApplicationsGeneral PurposeCapacitance @ Frequency-Operating Temperature-65°C ~ 150°C (TJ)Mounting TypeThrough HolePackage / CaseT-18, AxialSupplier Device PackageT-18	Туре	Zener
Voltage - Reverse Standoff (Typ)23.1VVoltage - Breakdown (Min)25.7VVoltage - Clamping (Max) @ Ipp37.5VCurrent - Peak Pulse (10/1000µs)16APower - Peak Pulse (10/1000µs)600WPower - Peak Pulse600WPower Line ProtectionNoApplicationsGeneral PurposeCapacitance @ Frequency-Operating Temperature-65°C ~ 150°C (TJ)Mounting TypeThrough HolePackage / CaseT-18, AxialSupplier Device PackageT-18	Unidirectional Channels	-
Voltage - Breakdown (Min)25.7VVoltage - Clamping (Max) @ Ipp37.5VCurrent - Peak Pulse (10/1000µs)16APower - Peak Pulse600WPower Line ProtectionNoApplicationsGeneral PurposeCapacitance @ Frequency-Operating Temperature-65°C ~ 150°C (TJ)Mounting TypeThrough HolePackage / CaseT-18, AxialSupplier Device PackageT-18	Bidirectional Channels	1
Voltage - Clamping (Max) @ Ipp37.5VCurrent - Peak Pulse (10/1000µs)16APower - 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)	23.1V
Current - Peak Pulse (10/1000µs)16APower - 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)	25.7V
Power - Peak Pulse600WPower Line ProtectionNoApplicationsGeneral PurposeCapacitance @ Frequency-Operating Temperature-65°C ~ 150°C (TJ)Mounting TypeThrough HolePackage / CaseT-18, AxialSupplier Device PackageT-18	Voltage - Clamping (Max) @ Ipp	37.5V
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)	16A
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?	Supplier Device Package	T-18
		Report errors?

#### **MP6KE27CA** 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 BUARANTEE

#### **Service Guarantees**

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

# **MP6KE27CA** Payment Methods



# MP6KE27CA Shipping Methods



If you have any question about MP6KE27CA, please do not hesitate to contact us! Website: https://www.heisener.com E-mail: salesdept@heisener.com