

# PTVS6-066C-M

#### **PTVS6-066C-M Information**



Part Number	PTVS6-066C-M	
Manufacturer	Bourns Inc.	
Category	Circuit Protection TVS - Diodes	
Description	TVS DIODE 120VC 6KA SMD	
Package	2-SMD, Flat Lead	
	For the pricing/inventory/lead time, please contact us Website: https://www.heisener.com E-mail: salesdept@heisener.com	



Request a Quote

For Reference Only

# **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.



# **PTVS6-066C-M Specifications**

ManufacturerBourns Inc.CategoryCircuit ProtectionTVS - DiodesTVS - DiodesPackage2-SMD, Flat LeadSeries-TypeZenerUnidirectional Channels1Soltage - Reverse Standoff (Typ)66VVoltage - Reverse Standoff (Typ)2000 (6kA) (8/20µs)Voltage - Clamping (Max) @ Ipp120VVoltage - Clamping (Max) @ Ipp6000A (6kA) (8/20µs)Power Line ProtectionNoApplicationsGeneral PurposeCapacitance @ Frequency4.1nF @ 10kHzOperating Temperature55°C ~ 125°C (TJ)Mounting TypeSurface MountPackage / Case2.SMD, Flat LeadSupplier Device Package-		
CategoryCircuit ProtectionTVS - DiodesPackage2-SMD, Flat LeadSeries-TypeZenerUnidirectional Channels1Bidirectional Channels66VVoltage - Reverse Standoff (Typ)66VVoltage - Breakdown (Min)72VVoltage - Clamping (Max) @ Ipp6000A (6kA) (8/20µs)Power Line ProtectionNoApplicationsGeneral PurposeCapacitance @ Frequency4.1nF @ 10kHzOperating Temperature55° C ~ 125°C (TJ)Mounting TypeSufface MountPackage / Case2.SMD, Flat LeadSupplier Device Package-	Manufacturer Part Number	PTVS6-066C-M
TVS - DiodesPackage2-SMD, Flat LeadSeries-TypeZenerUnidirectional Channels-Bidirectional Channels1Voltage - Reverse Standoff (Typ)66VVoltage - Breakdown (Min)72VVoltage - Clamping (Max) @ Ipp100VCurrent - Peak Pulse (10/1000µs)6000A (6kA) (8/20µs)Power - Peak Pulse-Power Line ProtectionNoApplicationsGeneral PurposeCapacitance @ Frequency-55°C ~ 125°C (TJ)Mounting TypeSurface MountPackage / Case2-SMD, Flat LeadSupplier Device Package-	Manufacturer	Bourns Inc.
Package2-SMD, Flat LeadSeries-TypeZenerUndirectional Channels-Bidirectional Channels1Voltage - Reverse Standoff (Typ)66VVoltage - Breakdown (Min)72VVoltage - Clamping (Max) @ Ipp6000A (6kA) (8/20µs)Current - Peak Pulse (10/1000µs)6000A (6kA) (8/20µs)Power - Peak Pulse-Power Line ProtectionNoApplicationsGeneral PurposeOperating Temperature4.1nF @ 10kHzOperating Temperature55° C ~ 125°C (TJ)Mounting Type-Package / Case-Supplier Device Package-Supplier Device Package-Supp	Category	Circuit Protection
Series-TypeZenerUndirectional Channels-Bidirectional Channels1Voltage - Reverse Standoff (Typ)66VVoltage - Breakdown (Min)72VVoltage - Clamping (Max) @ Ipp120VCurrent - Peak Pulse (10/100µs)6000A (6kA) (8/20µs)Power - Peak Pulse-Power Line ProtectionNoApplicationsGeneral PurposeCapacitance @ Frequency4.1nF @ 10kHzOperating TypeSurface MountPokage / CaseSurface MountSupplier Device Package-Supplier Device Package-		TVS - Diodes
TypeZenerUndirectional Channels-Bidirectional Channels1Voltage - Reverse Standoff (Typ)66VVoltage - Breakdown (Min)72VVoltage - Clamping (Max) @ Ipp120VCurrent - Peak Pulse (10/100µs)6000A (6kA) (8/20µs)Power - Peak Pulse-Power Line ProtectionNoApplicationsGeneral PurposeCapacitance @ Frequency-Operating Temperature-Pokage / CaseSurface MountPackage / Case-Supplier Device Package-Supplier Device Package-	Package	2-SMD, Flat Lead
Unidirectional Channels-Bidirectional Channels1Voltage - Reverse Standoff (Typ)66VVoltage - Breakdown (Min)72VVoltage - Clamping (Max) @ Ipp6000A (6kA) (8/20µs)Current - Peak Pulse (10/1000µs)6000A (6kA) (8/20µs)Power - Peak Pulse-Power Line ProtectionNoApplicationsGeneral PurposeCapacitance @ Frequency4.1nF @ 10kHzOperating TemperatureS5° C ~ 125°C (TJ)Mounting TypeSurface MountPackage / Case2.SMD, Flat LeadSupplier Device Package-	Series	-
Bidirectional Channels1Woltage - Reverse Standoff (Typ)66VVoltage - Breakdown (Min)72VVoltage - Clamping (Max) @ Ipp120VCurrent - Peak Pulse (10/1000µs)6000A (6kA) (8/20µs)Power - Peak Pulse-Power - Peak PulseNoPower Line ProtectionGeneral PurposeApplicationsGeneral PurposeOperating Temperature-55°C ~ 125°C (TJ)Mounting TypeSurface MountPackage / Case2-SMD, Flat LeadSupplier Device Package-	Туре	Zener
Voltage - Reverse Standoff (Typ)66VVoltage - Breakdown (Min)72VVoltage - Clamping (Max) @ Ipp120VCurrent - Peak Pulse (10/100µs)6000A (6kA) (8/20µs)Power - Peak Pulse-Power Line ProtectionNoApplicationsGeneral PurposeCapacitance @ Frequency4.1nF @ 10kHzOperating TemperatureSurface MountPackage / CaseSurface MountSupplier Device Package-	Unidirectional Channels	-
Voltage - Breakdown (Min)72VVoltage - Clamping (Max) @ Ipp120VCurrent - Peak Pulse (10/1000µs)6000A (6kA) (8/20µs)Power - Peak Pulse-Power Line ProtectionNoApplicationsGeneral PurposeCapacitance @ Frequency4.1nF @ 10kHzOperating Temperature-55°C ~ 125°C (TJ)Mounting TypeSurface MountPackage / Case2-SMD, Flat LeadSupplier Device Package-	Bidirectional Channels	1
Voltage - Clamping (Max) @ Ipp120VCurrent - Peak Pulse (10/1000µs)6000A (6kA) (8/20µs)Power - Peak Pulse-Power Line ProtectionNoApplicationsGeneral PurposeCapacitance @ Frequency4.1nF @ 10kHzOperating Temperature-55°C ~ 125°C (TJ)Mounting TypeSurface MountPackage / Case2-SMD, Flat LeadSupplier Device Package-	Voltage - Reverse Standoff (Typ)	66V
Current - Peak Pulse (10/1000µs)6000A (6kA) (8/20µs)Power - Peak Pulse-Power Line ProtectionNoApplicationsGeneral PurposeCapacitance @ Frequency4.1nF @ 10kHzOperating Temperature-55°C ~ 125°C (TJ)Mounting TypeSurface MountPackage / Case2-SMD, Flat LeadSupplier Device Package-	Voltage - Breakdown (Min)	72V
Power - Peak Pulse-Power Line ProtectionNoApplicationsGeneral PurposeCapacitance @ Frequency4.1nF @ 10kHzOperating Temperature-55°C ~ 125°C (TJ)Mounting TypeSurface MountPackage / Case2-SMD, Flat LeadSupplier Device Package-	Voltage - Clamping (Max) @ Ipp	120V
Power Line ProtectionNoApplicationsGeneral PurposeCapacitance @ Frequency4.1nF @ 10kHzOperating Temperature-55°C ~ 125°C (TJ)Mounting TypeSurface MountPackage / Case2-SMD, Flat LeadSupplier Device Package-	Current - Peak Pulse (10/1000µs)	6000A (6kA) (8/20µs)
ApplicationsGeneral PurposeCapacitance @ Frequency4.1nF @ 10kHzOperating Temperature-55°C ~ 125°C (TJ)Mounting TypeSurface MountPackage / Case2-SMD, Flat LeadSupplier Device Package-	Power - Peak Pulse	-
Capacitance @ Frequency4.1nF @ 10kHzOperating Temperature-55°C ~ 125°C (TJ)Mounting TypeSurface MountPackage / Case2-SMD, Flat LeadSupplier Device Package-	Power Line Protection	No
Operating Temperature-55°C ~ 125°C (TJ)Mounting TypeSurface MountPackage / Case2-SMD, Flat LeadSupplier Device Package-	Applications	General Purpose
Mounting TypeSurface MountPackage / Case2-SMD, Flat LeadSupplier Device Package-	Capacitance @ Frequency	4.1nF @ 10kHz
Package / Case 2-SMD, Flat Lead   Supplier Device Package -	Operating Temperature	-55°C ~ 125°C (TJ)
Supplier Device Package -	Mounting Type	Surface Mount
	Package / Case	2-SMD, Flat Lead
Report errors?	Supplier Device Package	-
		Report errors?

#### **PTVS6-066C-M 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 GUARANTEE

#### **Service Guarantees**

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

#### PTVS6-066C-M Payment Methods



### PTVS6-066C-M Shipping Methods



If you have any question about PTVS6-066C-M, please do not hesitate to contact us! Website: https://www.heisener.com E-mail: salesdept@heisener.com