

# SMAJ120CA-TP

### **SMAJ120CA-TP Information**



Part NumberSMAJ120CA-TPManufacturerMicro Commercial CoCategoryCircuit Protection<br/>TVS - DiodesDescriptionTVS DIODE 120VWM 193VC SMAPackageDO-214AC, SMA<br/>For the pricing/inventory/lead time, please contact<br/>us<br/>Website: https://www.heisener.com<br/>E-mail: salesdept@heisener.com



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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.



# **SMAJ120CA-TP Specifications**

ManufacturerMicro Commercial CoCategoryMicro Commercial CoCategoryCircuit ProtectionTVS - DiodesTVS - DiodesPackageDO-214AC, SMASeries-TypeZenerUnidirectional Channels-Bidirectional Channels1Voltage - Reverse Standoff (Typ)120VVoltage - Breakdown (Min)133VVoltage - Clamping (Max) @ Ipp193VCurrent - Peak Pulse (10/100µs)2.1APower Line ProtectionMooApplicationsGeneral PurposeCapacitance @ Frequency-Operating Temperature55°C ~ 175°C (TA)Mounting TypeDo-214AC, SMASupplier Device PackageDO-214AC, SMA		
CategoryCircuit ProtectionTVS - DiodesPackageDO-214AC, SMASeries-TypeZenerUnidirectional Channels-Bidirectional Channels1Voltage - Reverse Standoff (Typ)120VVoltage - Breakdown (Min)133VVoltage - Clamping (Max) @ Ipp93VCurrent - Peak Pulse (10/100µs)2.1APower Line ProtectionMouting - Ceneral PurposeApplicationsGeneral PurposeCapacitance @ Frequency-Operating TemperatureSurface MountPokage / CaseDO-214AC, SMASupplier Device PackageDO-214AC (SMA)	Manufacturer Part Number	SMAJ120CA-TP
TVS - Diodes   Package DO-214AC, SMA   Series -   Type Zener   Unidirectional Channels -   Bidirectional Channels 1   Voltage - Reverse Standoff (Typ) 120V   Voltage - Breakdown (Min) 133V   Voltage - Clamping (Max) @ Ipp 193V   Current - Peak Pulse (10/1000µs) 2.1A   Power - Peak Pulse 400W   Power - Peak Pulse Seneral Purpose   Capacitance @ Frequency -   Operating Temperature -55°C ~ 175°C (TA)   Mounting Type Surface Mount   Package / Case DO-214AC (SMA)	Manufacturer	Micro Commercial Co
PackageDO-214AC, SMASeries-TypeZenerUnidirectional Channels-Bidirectional Channels1Voltage - Reverse Standoff (Typ)120VVoltage - Breakdown (Min)133VVoltage - Clamping (Max) @ Ipp193VCurrent - Peak Pulse (10/1000µs)2.1APower - Peak Pulse400WPower - Peak PulseGeneral PurposeCapacitance @ Frequency-Operating Temperature55°C ~ 175°C (TA)Mounting TypeSurface MountPackage / CaseDO-214AC (SMA)	Category	Circuit Protection
Series-TypeZenerUndirectional Channels-Bidirectional Channels1Voltage - Reverse Standoff (Typ)120VVoltage - Breakdown (Min)133VVoltage - Clamping (Max) @ Ipp193VCurrent - Peak Pulse (10/1000µs)2.1APower - Peak Pulse400WPower Line ProtectionNoApplicationsGeneral PurposeCapacitance @ Frequency-Operating Type55°C ~ 175°C (TA)Mounting TypeSurface MountPackage / CaseDo -214AC, SMASupplier Device PackageDo -214AC (SMA)		TVS - Diodes
TypeZenerUnidirectional Channels-Bidirectional Channels1Voltage - Reverse Standoff (Typ)120VVoltage - Breakdown (Min)133VVoltage - Clamping (Max) @ Ipp193VCurrent - Peak Pulse (10/1000µs)2.1APower - Peak Pulse400WPower Line ProtectionNoApplicationsGeneral PurposeCapacitance @ Frequency-Operating Temperature55°C ~ 175°C (TA)Mounting TypeDo-214AC, SMASupplier Device PackageDO-214AC (SMA)	Package	DO-214AC, SMA
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Voltage - Reverse Standoff (Typ)120VVoltage - Breakdown (Min)133VVoltage - Clamping (Max) @ Ipp193VCurrent - Peak Pulse (10/1000µs)2.1APower - Peak Pulse (10/1000µs)400WPower Line ProtectionNoApplicationsGeneral PurposeCapacitance @ Frequency-Operating Temperature55°C ~ 175°C (TA)Mounting TypeSurface MountPackage / CaseDO-214AC, SMASupplier Device PackageDO-214AC (SMA)	Unidirectional Channels	-
Voltage - Breakdown (Min)133VVoltage - Clamping (Max) @ Ipp193VCurrent - Peak Pulse (10/1000µs)2.1APower - Peak Pulse400WPower Line ProtectionNoApplicationsGeneral PurposeCapacitance @ Frequency-Operating Temperature-55°C ~ 175°C (TA)Mounting TypeSurface MountPackage / CaseDO-214AC, SMASupplier Device PackageDO-214AC (SMA)	Bidirectional Channels	1
Voltage - Clamping (Max) @ Ipp193VCurrent - Peak Pulse (10/1000µs)2.1APower - Peak Pulse400WPower Line ProtectionNoApplicationsGeneral PurposeCapacitance @ Frequency-Operating Temperature-55°C ~ 175°C (TA)Mounting TypeSurface MountPackage / CaseDO-214AC, SMASupplier Device PackageDO-214AC (SMA)	Voltage - Reverse Standoff (Typ)	120V
Current - Peak Pulse (10/1000µs)2.1APower - Peak Pulse400WPower Line ProtectionNoApplicationsGeneral PurposeCapacitance @ Frequency-Operating Temperature-55°C ~ 175°C (TA)Mounting TypeSurface MountPackage / CaseDO-214AC, SMASupplier Device PackageDO-214AC (SMA)	Voltage - Breakdown (Min)	133V
Power - Peak Pulse400WPower Line ProtectionNoApplicationsGeneral PurposeCapacitance @ Frequency-Operating Temperature-55°C ~175°C (TA)Mounting TypeSurface MountPackage / CaseDO-214AC, SMASupplier Device PackageDO-214AC (SMA)	Voltage - Clamping (Max) @ Ipp	193V
Power Line ProtectionNoApplicationsGeneral PurposeCapacitance @ Frequency-Operating Temperature-55°C ~ 175°C (TA)Mounting TypeSurface MountPackage / CaseDo-214AC, SMASupplier Device PackageDo-214AC (SMA)	Current - Peak Pulse (10/1000µs)	2.1A
ApplicationsGeneral PurposeCapacitance @ Frequency-Operating Temperature-55°C ~ 175°C (TA)Mounting TypeSurface MountPackage / CaseD0-214AC, SMASupplier Device PackageD0-214AC (SMA)	Power - Peak Pulse	400W
Capacitance @ Frequency-Operating Temperature-55°C ~ 175°C (TA)Mounting TypeSurface MountPackage / CaseDO-214AC, SMASupplier Device PackageDO-214AC (SMA)	Power Line Protection	No
Operating Temperature-55°C ~ 175°C (TA)Mounting TypeSurface MountPackage / CaseDO-214AC, SMASupplier Device PackageDO-214AC (SMA)	Applications	General Purpose
Mounting TypeSurface MountPackage / CaseDO-214AC, SMASupplier Device PackageDO-214AC (SMA)	Capacitance @ Frequency	-
Package / CaseDO-214AC, SMASupplier Device PackageDO-214AC (SMA)	Operating Temperature	-55°C ~ 175°C (TA)
Supplier Device Package DO-214AC (SMA)	Mounting Type	Surface Mount
	Package / Case	DO-214AC, SMA
Report errors'	Supplier Device Package	DO-214AC (SMA)
		Report errors?

#### **SMAJ120CA-TP 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.

#### **SMAJ120CA-TP Payment Methods**



## SMAJ120CA-TP Shipping Methods



If you have any question about SMAJ120CA-TP, please do not hesitate to contact us! Website: https://www.heisener.com E-mail: salesdept@heisener.com