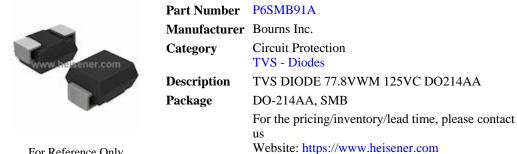


P6SMB91A

P6SMB91A Information





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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.



P6SMB91A Specifications

ManufacturerBourns Inc.CategoryCircuit ProtectionTVS - DiodesPackageDO-214AA, SMBSeriesDO-214AA, SMBSeriesZenerUnidirectional Channels1Bidirectional Channels-Voltage - Reverse Standoff (Typ)77.8VVoltage - Breakdown (Min)86.5VVoltage - Clamping (Max) @ Ipp125VCurrent - Peak Pulse (10/1000µS)4.9APower Line ProtectionNoApplicationsGeneral PurposeCapacitance @ Frequency-Operating Temperature55°C ~ 150°C (TJ)Mounting TypeSurface MountPackage / CaseDo-214AA, SMBSupplier Device PackageDo-214AA, SMB		
CategoryCircuit ProtectionTVS - DiodesPackageDO-214AA, SMBSeries-TypeZenerUnidirectional Channels1Bidirectional Channels-Voltage - Reverse Standoff (Typ)77.8VVoltage - Breakdown (Min)86.5VVoltage - Clamping (Max) @ Ipp125VCurrent - Peak Pulse (10/1000µs)600WPower Line ProtectionKoApplicationsGeneral PurposeCapacitance @ Frequency-Operating Temperature55°C ~ 150°C (TJ)Mounting TypeSurface MountPackage / CaseDO-214AA, SMBSupplier Device PackageDO-214AA (SMB)	Manufacturer Part Number	P6SMB91A
TVS - DiodesPackageDO-214AA, SMBSeries-TypeZenerUnidirectional Channels1Bidirectional Channels-Voltage - Reverse Standoff (Typ)77.8VVoltage - Breakdown (Min)86.5VVoltage - Clamping (Max) @ Ipp125VCurrent - Peak Pulse (10/1000µs)600WPower - Peak Pulse600WPower Line ProtectionNoApplicationsGeneral PurposeCapacitance @ Frequency-Operating Temperature55°C ~ 150°C (TJ)Mounting TypeSurface MountPackage / CaseDO-214AA, SMBSupplier Device PackageDO-214AA (SMB)	Manufacturer	Bourns Inc.
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Series-TypeZenerUnidirectional Channels1Bidirectional Channels-Voltage - Reverse Standoff (Typ)77.8VVoltage - Breakdown (Min)86.5VVoltage - Clamping (Max) @ Ipp125VCurrent - Peak Pulse (10/1000µs)600WPower - Peak Pulse600WPower Line ProtectionNoApplicationsGeneral PurposeCapacitance @ Frequency-Operating Type55°C ~ 150°C (TJ)Mounting TypeSurface MountPackage / CaseDO-214AA, SMBSupplier Device PackageDO-214AA (SMB)		TVS - Diodes
TypeZenerUnidirectional Channels1Bidirectional Channels-Voltage - Reverse Standoff (Typ)77.8VVoltage - Breakdown (Min)86.5VVoltage - Clamping (Max) @ Ipp125VCurrent - Peak Pulse (10/1000µs)600WPower - Peak Pulse600WPower Line ProtectionNoApplicationsGeneral PurposeCapacitance @ Frequency-Operating Temperature55°C ~ 150°C (TJ)Mounting TypeSurface MountPackage / CaseDO-214AA, SMBSupplier Device PackageDO-214AA (SMB)	Package	DO-214AA, SMB
A1Unidirectional Channels-Bidirectional Channels-Voltage - Reverse Standoff (Typ)77.8VVoltage - Breakdown (Min)86.5VVoltage - Clamping (Max) @ Ipp125VCurrent - Peak Pulse (10/1000µs)4.9APower - Peak Pulse (10/1000µs)600WPower - Peak Pulse600WPower Line ProtectionNoApplicationsGeneral PurposeCupacitance @ Frequency-Operating Temperature55°C ~ 150°C (TJ)Mounting TypeSurface MountPackage / CaseDO-214AA, SMBSupplier Device PackageDO-214AA (SMB)	Series	-
Bidirectional Channels-Bidirectional Channels-Voltage - Reverse Standoff (Typ)77.8VVoltage - Breakdown (Min)86.5VVoltage - Clamping (Max) @ Ipp125VCurrent - Peak Pulse (10/1000µs)4.9APower - Peak Pulse (10/1000µs)600WPower - Peak Pulse600WPower Line ProtectionNoApplicationsGeneral PurposeCapacitance @ Frequency-Operating Temperature55°C ~ 150°C (TJ)Mounting TypeSurface MountPackage / CaseDO-214AA, SMBSupplier Device PackageDO-214AA (SMB)	Туре	Zener
Voltage - Reverse Standoff (Typ)77.8VVoltage - Breakdown (Min)86.5VVoltage - Clamping (Max) @ Ipp125VCurrent - Peak Pulse (10/1000µs)4.9APower - Peak Pulse (10/1000µs)600WPower - Peak Pulse600WPower Line ProtectionNoApplicationsGeneral PurposeCapacitance @ Frequency-Operating Temperature55°C ~ 150°C (TJ)Mounting TypeSurface MountPackage / CaseDO-214AA, SMBSupplier Device PackageDO-214AA (SMB)	Unidirectional Channels	1
Voltage - Breakdown (Min)86.5VVoltage - Clamping (Max) @ Ipp125VCurrent - Peak Pulse (10/1000µs)4.9APower - Peak Pulse600WPower Line ProtectionNoApplicationsGeneral PurposeCapacitance @ Frequency-Operating Temperature55°C ~ 150°C (TJ)Mounting TypeSurface MountPackage / CaseDO-214AA, SMBSupplier Device PackageDO-214AA (SMB)	Bidirectional Channels	-
Voltage - Clamping (Max) @ Ipp125VCurrent - Peak Pulse (10/1000µs)4.9APower - Peak Pulse600WPower Line ProtectionNoApplicationsGeneral PurposeCapacitance @ Frequency-Operating Temperature-55°C ~ 150°C (TJ)Mounting TypeSurface MountPackage / CaseDO-214AA, SMBSupplier Device PackageDO-214AA (SMB)	Voltage - Reverse Standoff (Typ)	77.8V
Current - Peak Pulse (10/1000µs)4.9APower - Peak Pulse600WPower Line ProtectionNoApplicationsGeneral PurposeCapacitance @ Frequency-Operating Temperature-55°C ~ 150°C (TJ)Mounting TypeSurface MountPackage / CaseDO-214AA, SMBSupplier Device PackageDO-214AA (SMB)	Voltage - Breakdown (Min)	86.5V
Power - Peak Pulse600WPower Line ProtectionNoApplicationsGeneral PurposeCapacitance @ Frequency-Operating Temperature-55°C ~ 150°C (TJ)Mounting TypeSurface MountPackage / CaseDO-214AA, SMBSupplier Device PackageDO-214AA (SMB)	Voltage - Clamping (Max) @ Ipp	125V
Power Line ProtectionNoApplicationsGeneral PurposeCapacitance @ Frequency-Operating Temperature-55°C ~ 150°C (TJ)Mounting TypeSurface MountPackage / CaseDO-214AA, SMBSupplier Device PackageDO-214AA (SMB)	Current - Peak Pulse (10/1000µs)	4.9A
ApplicationsGeneral PurposeCapacitance @ Frequency-Operating Temperature-55°C ~ 150°C (TJ)Mounting TypeSurface MountPackage / CaseDO-214AA, SMBSupplier Device PackageDO-214AA (SMB)	Power - Peak Pulse	600W
Capacitance @ Frequency-Operating Temperature-55°C ~ 150°C (TJ)Mounting TypeSurface MountPackage / CaseDO-214AA, SMBSupplier Device PackageDO-214AA (SMB)	Power Line Protection	No
Operating Temperature-55°C ~ 150°C (TJ)Mounting TypeSurface MountPackage / CaseDO-214AA, SMBSupplier Device PackageDO-214AA (SMB)	Applications	General Purpose
Mounting TypeSurface MountPackage / CaseDO-214AA, SMBSupplier Device PackageDO-214AA (SMB)	Capacitance @ Frequency	-
Package / CaseDO-214AA, SMBSupplier Device PackageDO-214AA (SMB)	Operating Temperature	-55°C ~ 150°C (TJ)
Supplier Device Package DO-214AA (SMB)	Mounting Type	Surface Mount
	Package / Case	DO-214AA, SMB
Report errors'	Supplier Device Package	DO-214AA (SMB)
		Report errors?

E-mail: salesdept@heisener.com

P6SMB91A 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.



If you have any question about P6SMB91A, please do not hesitate to contact us! Website: https://www.heisener.com E-mail: salesdept@heisener.com