

# SA6.0C

#### **SA6.0C Information**



Part Number	SA6.0C	
Manufacturer	Littelfuse Inc.	
Category	Circuit Protection TVS - Diodes	
Description	TVS DIODE 6VWM 10.82VC DO204AC	
Package	DO-204AC, DO-15, Axial	
	For the pricing/inventory/lead time, please contact us Website: https://www.heisener.com E-mail: salesdept@heisener.com	



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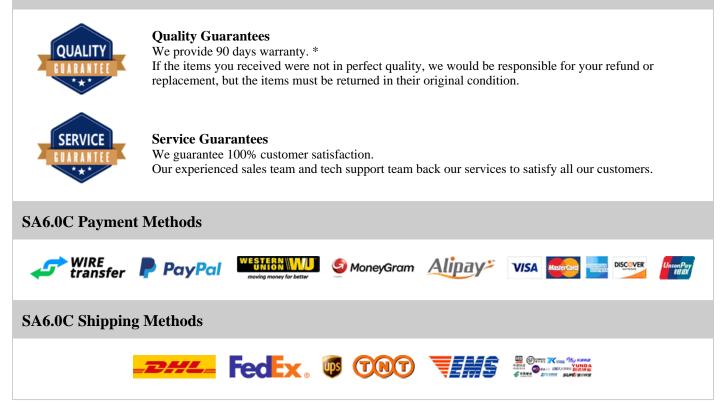
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## **SA6.0C Specifications**

Manufacturer Part NumberSA6.0CManufacturerLittelfuse Inc.CategoryCircuit ProtectionTVS - DiodesPackageDO-204AC, DO-15, AxialSeriesSATypeZenerUnidirectional Channels-Bidirectional Channels1Voltage - Reverse Standoff (Typ)6VVoltage - Clamping (Max) @ Ipp10.82VVoltage - Clamping (Max) @ Ipp10.82VPower Line ProtectionNoApplicationsGeneral PurposeApplicationsGeneral PurposeApplicationsGouwApplicationsSoft TypeApplicationsSoft TypeApplicationsSoft TypeApplicationsSoft TypeApplicationsSoft TypeApplicationsSoft TypeApplicationsSoft TypeApplicationsSoft TypeApplicationsSoft TypeApplicationsSoft Type (TJ)ApplicationsSoft Type (TJ)ApplicationsSoft Type (TJ)ApplicationsSoft Type (TJ)ApplicationsSoft Type (TJ)ApplicationsDo-204AC, DO-15, AxialApplicationsDo-204AC, DO-15, Axial		
CategoryCircuit ProtectionTVS - DiodesPackageDO-204AC, DO-15, AxialSeriesSATypeZenerUndirectional Channels-Voltage - Reverse Standoff (Typ)6VVoltage - Breakdown (Min)6.32VVoltage - Clamping (Max) @ Ipp10.82VPower - Peak Pulse (10/100µs)90WPower Line ProtectionNoApplicationsGeneral PurposePoperting Trequency-Operating Trequency-Applications-Mounting Type-Mounting TypeThrough HolePackage / CaseDO-204AC, DO-15, AxialSupplier Device PackageDO-204AC, DO-15, Axial	Manufacturer Part Number	SA6.0C
TVS - DiodesPackageDO-204AC, DO-15, AxialSeriesSATypeZenerUnidirectional Channels-Bidirectional Channels1Voltage - Reverse Standoff (Typ)6VVoltage - Breakdown (Min)6.32VVoltage - Clamping (Max) @ Ipp10.82VCurrent - Peak Pulse (10/1000µs)49.5APower - Peak Pulse500WPower Line ProtectionNoApplicationsGeneral PurposeCapacitance @ Frequency-Operating Temperature-55°C ~ 175°C (TJ)Mounting TypeThrough HolePackage / CaseDO-204AC, DO-15, AxialSupplier Device PackageDO-204AC (DO-15)	Manufacturer	Littelfuse Inc.
PackageDO-204AC, DO-15, AxialSeriesSATypeZenerUnidirectional Channels-Bidirectional Channels1Voltage - Reverse Standoff (Typ)6VVoltage - Breakdown (Min)6.32VVoltage - Clamping (Max) @ Ipp10.82VCurrent - Peak Pulse (10/1000µs)90WPower - Peak Pulse500WPower Line ProtectionNoApplicationsGeneral PurposeOperating Temperature-Mounting Type-Package / CaseDO-204AC, DO-15, AxialSupplier Device PackageDO-204AC, DO-15)	Category	Circuit Protection
SeriesSATypeZenerUnidirectional Channels-Bidirectional Channels1Voltage - Reverse Standoff (Typ)6VVoltage - Breakdown (Min)6.32VVoltage - Clamping (Max) @ Ipp10.82VCurrent - Peak Pulse (10/100µs)49.5APower Line ProtectionNoApplicationsGeneral PurposeCapacitance @ Frequency-Operating Type-55°C ~175°C (TJ)Mounting TypeDrough HolePackage / CaseDo-204AC, DO-15, Axial		TVS - Diodes
TypeZenerUnidirectional Channels-Bidirectional Channels1Voltage - Reverse Standoff (Typ)6VVoltage - Breakdown (Min)6.32VVoltage - Clamping (Max) @ Ipp10.82VCurrent - Peak Pulse (10/100µs)49.5APower - Peak Pulse500WPower Line ProtectionNoApplicationsGeneral PurposeCapacitance @ Frequency-Operating Type50°C ~ 175°C (TJ)Mounting TypeDo-204AC, DO-15, AxialSupplier Device PackageDO-204AC (DO-15)	Package	DO-204AC, DO-15, Axial
PypeDistributionUnidirectional Channels-Bidirectional Channels1Voltage - Reverse Standoff (Typ)6VVoltage - Breakdown (Min)6.32VVoltage - Clamping (Max) @ Ipp10.82VCurrent - Peak Pulse (10/1000µs)49.5APower - Peak Pulse (10/1000µs)500WPower Line ProtectionNoApplicationsGeneral PurposeCapacitance @ Frequency-Operating Temperature-55°C ~ 175°C (TJ)Mounting TypeThrough HolePackage / CaseDO-204AC, DO-15, AxialSupplier Device PackageDO-204AC (DO-15)	Series	SA
Bidirectional Channels1Bidirectional Channels6VVoltage - Reverse Standoff (Typ)6VVoltage - Breakdown (Min)6.32VVoltage - Clamping (Max) @ Ipp10.82VCurrent - Peak Pulse (10/1000µs)49.5APower - Peak Pulse500WPower Line ProtectionNoApplicationsGeneral PurposeCapacitance @ Frequency-Operating Temperature-55°C ~ 175°C (TJ)Mounting TypeThrough HolePackage / CaseDO-204AC, DO-15, AxialSupplier Device PackageDO-204AC (DO-15)	Туре	Zener
Voltage - Reverse Standoff (Typ)6VVoltage - Breakdown (Min)6.32VVoltage - Clamping (Max) @ Ipp10.82VCurrent - Peak Pulse (10/1000µs)49.5APower - Peak Pulse500WPower Line ProtectionNoApplicationsGeneral PurposeCapacitance @ Frequency-Operating Temperature-55°C ~175°C (TJ)Mounting TypeThrough HolePackage / CaseDo-204AC, DO-15, AxialSupplier Device PackageDo-204AC (DO-15)	Unidirectional Channels	-
Voltage - Breakdown (Min)6.32VVoltage - Clamping (Max) @ Ipp10.82VCurrent - Peak Pulse (10/1000µs)49.5APower - Peak Pulse500WPower Line ProtectionNoApplicationsGeneral PurposeCapacitance @ Frequency-Operating Temperature-55°C ~ 175°C (TJ)Mounting TypeThrough HolePackage / CaseDO-204AC, DO-15, AxialSupplier Device PackageDO-204AC (DO-15)	Bidirectional Channels	1
Voltage - Clamping (Max) @ Ipp10.82VCurrent - Peak Pulse (10/1000µs)49.5APower - Peak Pulse500WPower Line ProtectionNoApplicationsGeneral PurposeCapacitance @ Frequency-Operating Temperature-55°C ~ 175°C (TJ)Mounting TypeThrough HolePackage / CaseDO-204AC, DO-15, AxialSupplier Device PackageDO-204AC (DO-15)	Voltage - Reverse Standoff (Typ)	6V
Current - Peak Pulse (10/1000µs)49.5APower - Peak Pulse500WPower Line ProtectionNoApplicationsGeneral PurposeCapacitance @ Frequency-Operating Temperature-55°C ~175°C (TJ)Mounting TypeThrough HolePackage / CaseDO-204AC, DO-15, AxialSupplier Device PackageDO-204AC (DO-15)	Voltage - Breakdown (Min)	6.32V
Power - Peak Pulse500WPower Line ProtectionNoApplicationsGeneral PurposeCapacitance @ Frequency-Operating Temperature-55°C ~175°C (TJ)Mounting TypeThrough HolePackage / CaseD0-204AC, D0-15, AxialSupplier Device PackageD0-204AC (D0-15)	Voltage - Clamping (Max) @ Ipp	10.82V
Power Line ProtectionNoApplicationsGeneral PurposeCapacitance @ Frequency-Operating Temperature-55°C ~ 175°C (TJ)Mounting TypeThrough HolePackage / CaseDO-204AC, DO-15, AxialSupplier Device PackageDO-204AC (DO-15)	Current - Peak Pulse (10/1000µs)	49.5A
ApplicationsGeneral PurposeCapacitance @ Frequency-Operating Temperature-55°C ~ 175°C (TJ)Mounting TypeThrough HolePackage / CaseDO-204AC, DO-15, AxialSupplier Device PackageDO-204AC (DO-15)	Power - Peak Pulse	500W
Capacitance @ Frequency-Operating Temperature-55°C ~175°C (TJ)Mounting TypeThrough HolePackage / CaseDO-204AC, DO-15, AxialSupplier Device PackageDO-204AC (DO-15)	Power Line Protection	No
Operating Temperature-55°C ~ 175°C (TJ)Mounting TypeThrough HolePackage / CaseDO-204AC, DO-15, AxialSupplier Device PackageDO-204AC (DO-15)	Applications	General Purpose
Mounting TypeThrough HolePackage / CaseDO-204AC, DO-15, AxialSupplier Device PackageDO-204AC (DO-15)	Capacitance @ Frequency	-
Package / CaseDO-204AC, DO-15, AxialSupplier Device PackageDO-204AC (DO-15)	Operating Temperature	-55°C ~ 175°C (TJ)
Supplier Device Package DO-204AC (DO-15)	Mounting Type	Through Hole
	Package / Case	DO-204AC, DO-15, Axial
	Supplier Device Package	DO-204AC (DO-15)
Report errors		Report errors?

#### **SA6.0C Guarantees**



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