

### **SA150 Information**

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Part Number SA150

Manufacturer Littelfuse Inc. Category Circuit Protection TVS - Diodes

**Description** TVS DIODE 150VWM 255.15VC DO15

DO-204AC, DO-15, Axial **Package** 

For the pricing/inventory/lead time, please contact

Website: https://www.heisener.com For Reference Only

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# **SA150 Specifications**

Manufacturer Part Number         SA150           Manufacturer         Littelfuse Inc.           Category         Circuit Protection           TVS - Diodes           Package         DO-204AC, DO-15, Axial           Series         SA           Type         Zener           Unidirectional Channels         1           Bidirectional Channels         -           Voltage - Reverse Standoff (Typ)         150V           Voltage - Breakdown (Min)         158.4V           Voltage - Clamping (Max) @ Ipp         255.15V           Current - Peak Pulse (10/1000µs)         2.1A           Power - Peak Pulse Protection         No           Applications         General Purpose           Capacitance @ Frequency         -           Operating Temperature         -55°C ~ 175°C (TI)           Mounting Type         Through Hole           Package / Case         DO-204AC, DO-15, Axial           Supplier Device Package         DO-204AC (DO-15)		
Category         Circuit Protection           TVS - Diodes           Package         DO-204AC, DO-15, Axial           Series         SA           Type         Zener           Unidirectional Channels         1           Bidirectional Channels         -           Voltage - Reverse Standoff (Typ)         150V           Voltage - Breakdown (Min)         158.4V           Voltage - Clamping (Max) @ Ipp         255.15V           Current - Peak Pulse (10/1000µs)         2.1A           Power - Peak Pulse         500W           Power Line Protection         No           Applications         General Purpose           Capacitance @ Frequency         -           Operating Temperature         -55°C ~ 175°C (TJ)           Mounting Type         Through Hole           Package / Case         DO-204AC, DO-15, Axial           Supplier Device Package         DO-204AC (DO-15)	Manufacturer Part Number	SA150
Package Package DO-204AC, DO-15, Axial Series SA Type Zener Unidirectional Channels Bidirectional Channels Bidirectional Channels - Voltage - Reverse Standoff (Typ) 150V Voltage - Breakdown (Min) 158.4V Voltage - Clamping (Max) @ Ipp 255.15V Current - Peak Pulse (10/1000μs) 2.1A Power - Peak Pulse Power - Peak Pulse Frequency Operating Temperature Capacitance @ Frequency Operating Temperature Mounting Type Through Hole Package / Case DO-204AC (DO-15) Type  Through Hole Po-204AC (DO-15)	Manufacturer	Littelfuse Inc.
PackageDO-204AC, DO-15, AxialSeriesSATypeZenerUnidirectional Channels1Bidirectional Channels-Voltage - Reverse Standoff (Typ)150VVoltage - Breakdown (Min)158.4VVoltage - Clamping (Max) @ Ipp255.15VCurrent - Peak Pulse (10/1000μs)2.1APower - 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)	Category	Circuit Protection
SeriesSATypeZenerUnidirectional Channels1Bidirectional Channels-Voltage - Reverse Standoff (Typ)150VVoltage - Breakdown (Min)158.4VVoltage - Clamping (Max) @ Ipp255.15VCurrent - Peak Pulse (10/1000μs)2.1APower - 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)		TVS - Diodes
TypeZenerUnidirectional Channels1Bidirectional Channels-Voltage - Reverse Standoff (Typ)150VVoltage - Breakdown (Min)158.4VVoltage - Clamping (Max) @ Ipp255.15VCurrent - Peak Pulse (10/1000μs)2.1APower - 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)	Package	DO-204AC, DO-15, Axial
Unidirectional Channels  Bidirectional Channels  - Voltage - Reverse Standoff (Typ)  150V  Voltage - Breakdown (Min)  158.4V  Voltage - Clamping (Max) @ Ipp  255.15V  Current - Peak Pulse (10/1000µs)  2.1A  Power - Peak Pulse  500W  Power Line Protection  No  Applications  General Purpose  Capacitance @ Frequency  Operating Temperature  -55°C ~ 175°C (TJ)  Mounting Type  Through Hole  Package / Case  DO-204AC, DO-15, Axial  Supplier Device Package	Series	SA
Bidirectional Channels  Voltage - Reverse Standoff (Typ)  150V  Voltage - Breakdown (Min)  158.4V  Voltage - Clamping (Max) @ Ipp  255.15V  Current - Peak Pulse (10/1000μs)  Power - Peak Pulse  500W  Power Line Protection  No  Applications  General Purpose  Capacitance @ Frequency  Operating Temperature  -55°C ~ 175°C (TJ)  Mounting Type  Through Hole  Package / Case  DO-204AC, DO-15, Axial  Supplier Device Package	Туре	Zener
Voltage - Reverse Standoff (Typ)150VVoltage - Breakdown (Min)158.4VVoltage - Clamping (Max) @ Ipp255.15VCurrent - Peak Pulse (10/1000μs)2.1APower - 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	1
Voltage - Breakdown (Min)  Voltage - Clamping (Max) @ Ipp  255.15V  Current - Peak Pulse (10/1000μs)  2.1A  Power - Peak Pulse  500W  Power Line Protection  No  Applications  General Purpose  Capacitance @ Frequency  Operating Temperature  -55°C ~ 175°C (TJ)  Mounting Type  Through Hole  Package / Case  DO-204AC, DO-15, Axial  Supplier Device Package	Bidirectional Channels	-
Voltage - Clamping (Max) @ Ipp  255.15V  Current - Peak Pulse (10/1000μs)  2.1A  Power - Peak Pulse  500W  Power Line Protection  No  Applications  General Purpose  Capacitance @ Frequency  Operating Temperature  -55°C ~ 175°C (TJ)  Mounting Type  Through Hole  Package / Case  DO-204AC, DO-15, Axial  Supplier Device Package	Voltage - Reverse Standoff (Typ)	150V
Current - Peak Pulse (10/1000µs)  Power - Peak Pulse  500W  Power Line Protection  No  Applications  General Purpose  Capacitance @ Frequency  Operating Temperature  -55°C ~ 175°C (TJ)  Mounting Type  Through Hole  Package / Case  DO-204AC, DO-15, Axial  Supplier Device Package	Voltage - Breakdown (Min)	158.4V
Power - Peak Pulse 500W  Power Line Protection No Applications General Purpose  Capacitance @ Frequency - Operating Temperature -55°C ~ 175°C (TJ)  Mounting Type Through Hole  Package / Case DO-204AC, DO-15, Axial  Supplier Device Package DO-204AC (DO-15)	Voltage - Clamping (Max) @ Ipp	255.15V
Power Line Protection  Applications  General Purpose  Capacitance @ Frequency  Operating Temperature  -55°C ~ 175°C (TJ)  Mounting Type  Through Hole  Package / Case  DO-204AC, DO-15, Axial  Supplier Device Package	Current - Peak Pulse (10/1000µs)	2.1A
Applications  Capacitance @ Frequency  Operating Temperature  -55°C ~ 175°C (TJ)  Mounting Type  Through Hole  Package / Case  DO-204AC, DO-15, Axial  Supplier Device Package	Power - Peak Pulse	500W
Capacitance @ Frequency  Operating Temperature  -55°C ~ 175°C (TJ)  Mounting Type  Through Hole  Package / Case  DO-204AC, DO-15, Axial  Supplier Device Package  DO-204AC (DO-15)	Power Line Protection	No
Operating Temperature $-55^{\circ}\text{C} \sim 175^{\circ}\text{C}$ (TJ)Mounting TypeThrough HolePackage / CaseDO-204AC, DO-15, AxialSupplier Device PackageDO-204AC (DO-15)	Applications	General Purpose
Mounting Type Through Hole Package / Case DO-204AC, DO-15, Axial Supplier Device Package DO-204AC (DO-15)	Capacitance @ Frequency	-
Package / Case DO-204AC, DO-15, Axial Supplier Device Package DO-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
Report errors?	Supplier Device Package	DO-204AC (DO-15)
		Report errors?

### **SA150 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 Guarantees**

We guarantee 100% customer satisfaction.

Our experienced sales team and tech support team back our services to satisfy all our customers.

## **SA150 Payment Methods**





















## **SA150 Shipping Methods**













If you have any question about SA150, please do not hesitate to contact us!

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