

### **SA100 Information**

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Part Number SA100

Manufacturer Littelfuse Inc.

Category Circuit Protection
TVS - Diodes

**Description** TVS DIODE 100VWM 170.1VC DO204AC

Package DO-204AC, DO-15, Axial

For the pricing/inventory/lead time, please contact

us

For Reference Only

Website: https://www.heisener.com
E-mail: salesdept@heisener.com



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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.









# **SA100 Specifications**

Manufacturer Part Number         SA100           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)         100V           Voltage - Breakdown (Min)         105.3V           Voltage - Clamping (Max) @ Ipp         170.1V           Current - Peak Pulse (10/1000µs)         3.1A           Power - Peak Pulse (10/1000µs)         500W           Power Line 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)         100V           Voltage - Breakdown (Min)         105.3V           Voltage - Clamping (Max) @ Ipp         170.1V           Current - Peak Pulse (10/1000μs)         3.1A           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	SA100
Package         DO-204AC, DO-15, Axial           Series         SA           Type         Zener           Unidirectional Channels         1           Bidirectional Channels         -           Voltage - Reverse Standoff (Typ)         100V           Voltage - Breakdown (Min)         105.3V           Voltage - Clamping (Max) @ Ipp         170.1V           Current - Peak Pulse (10/1000μs)         3.1A           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	Littelfuse Inc.
Package         DO-204AC, DO-15, Axial           Series         SA           Type         Zener           Unidirectional Channels         1           Bidirectional Channels         -           Voltage - Reverse Standoff (Typ)         100V           Voltage - Breakdown (Min)         105.3V           Voltage - Clamping (Max) @ Ipp         170.1V           Current - Peak Pulse (10/1000μs)         3.1A           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)	Category	Circuit Protection
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Unidirectional Channels  Bidirectional Channels  - Voltage - Reverse Standoff (Typ)  100V  Voltage - Breakdown (Min)  105.3V  Voltage - Clamping (Max) @ Ipp  170.1V  Current - Peak Pulse (10/1000µs)  3.1A  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)  100V  Voltage - Breakdown (Min)  105.3V  Voltage - Clamping (Max) @ Ipp  170.1V  Current - Peak Pulse (10/1000µs)  3.1A  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	Туре	Zener
Voltage - Reverse Standoff (Typ)100VVoltage - Breakdown (Min)105.3VVoltage - Clamping (Max) @ Ipp170.1VCurrent - Peak Pulse (10/1000μs)3.1APower - 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  170.1V  Current - Peak Pulse (10/1000μs)  Power - Peak Pulse  Soow  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	Bidirectional Channels	-
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Power Line Protection  Applications  General Purpose  Capacitance @ Frequency  -55°C ~ 175°C (TJ)  Mounting Type  Through Hole  Package / Case  DO-204AC, DO-15, Axial  Supplier Device Package  DO-204AC (DO-15)	Current - Peak Pulse (10/1000µs)	3.1A
Applications  Capacitance @ Frequency  Operating Temperature  -55°C ~ 175°C (TJ)  Mounting Type  Through Hole  Package / Case  DO-204AC, DO-15, Axial  Supplier Device Package  DO-204AC (DO-15)	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?

### **SA100 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.

## **SA100 Payment Methods**



















## **SA100 Shipping Methods**













If you have any question about SA100, please do not hesitate to contact us!

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