

# 1.5KE100HE3/73

#### 1.5KE100HE3/73 Information

www.xelsener.com	 1.5KE100HE3/73 Vishay Semiconductor Diodes Division Circuit Protection TVS - Diodes TVS DIODE 81VWM 144VC 1.5KE DO-201AA, DO-27, Axial For the pricing/inventory/lead time, please contact	
For Reference Only	us Website: https://www.heisener.com E-mail: salesdept@heisener.com	Request a Quote

# **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.



### 1.5KE100HE3/73 Specifications

Manufacturer Vishay Semiconductor Diodes Division   Category Circuit Protection   TVS - Diodes DO-201AA, DO-27, Axial   Backage Automotive, AEC-Q101, TransZorb?   Series Automotive, AEC-Q101, TransZorb?   Spe Zener   Jnidirectional Channels 1   Bidirectional Channels -   Joldige - Reverse Standoff (Typ) 81V   Voltage - Reverse Standoff (Typ) 90V   Voltage - Clamping (Max) @ Ipp 10.4A   Power Line Protection No   Power Line Protection No   Capacitance @ Frequency -   Capacitance @ Frequency -   Capacitance @ Frequency -   Operating Temperature -55°C ~ 175°C (TJ)   Mounting Type DO-201AA, DO-27, Axial   Supplier Device Package DO-201AA, DO-27, Axial		
CategoryCircuit ProtectionTVS - DiodesPackageDO-201AA, DO-27, AxialPackageAutomotive, AEC-Q101, TransZorb?SpreisZenerJudirectional Channels1Bidirectional Channels-Sidirectional Channels81VVoltage - Reverse Standoff (Typ)81VVoltage - Breakdown (Min)90VVoltage - Clamping (Max) @ Ipp144VCurrent - Peak Pulse (10/1000µs)10.4APower Line ProtectionNoApplications-Capacitance @ Frequency-Operating Temperature-55°C ~ 175°C (TJ)Mounting TypeThrough HolePackage / CaseDO-201AA, DO-27, AxialSupplier Device Package1.5KE	Manufacturer Part Number	1.5KE100HE3/73
TVS - DiodesPackageDO-201AA, DO-27, AxialBeriesAutomotive, AEC-Q101, TransZorb?StypeZenerUnidirectional Channels1Bidirectional Channels-Voltage - Reverse Standoff (Typ)81VVoltage - Breakdown (Min)90VVoltage - Clamping (Max) @ Ipp144VCurrent - Peak Pulse (10/1000µs)10.4APower Line ProtectionNoAutomotive-Capacitance @ Frequency-Operating Temperature-55°C ~ 175°C (TJ)Mounting TypeThrough HolePackage / CaseDO-201AA, DO-27, AxialSupplier Device Package1.5KE	Manufacturer	Vishay Semiconductor Diodes Division
PackageDO-201AA, DO-27, AxialGeriesAutomotive, AEC-Q101, TransZorb?FypeZenerUnidirectional Channels1Bidirectional Channels-Voltage - Reverse Standoff (Typ)81VVoltage - Breakdown (Min)90VVoltage - Clamping (Max) @ Ipp144VCurrent - Peak Pulse (10/1000µs)10.4APower Line ProtectionNoApplicationsAutomotiveCapacitance @ Frequency-Operating Temperature-55°C ~ 175°C (TJ)Automing TypeDo-201AA, DO-27, AxialSupplier Device Package1.5KE	Category	Circuit Protection
Automotive, AEC-Q101, TransZorb?   Expe Zener   Judirectional Channels 1   Bidirectional Channels -   Voltage - Reverse Standoff (Typ) 81V   Voltage - Breakdown (Min) 90V   Voltage - Clamping (Max) @ Ipp 144V   Current - Peak Pulse (10/1000µs) 10.4A   Power Line Protection No   Automotive -   Operating Temperature -   Operating Temperature -   Package / Case Do-201AA, DO-27, Axial   Buplier Device Package 1.5KE		TVS - Diodes
TypeZenerUndirectional Channels1Bidirectional Channels-Voltage - Reverse Standoff (Typ)81VVoltage - Breakdown (Min)90VVoltage - Champing (Max) @ Ipp144VVoltage - Champing (Max) @ Ipp10.4ACurrent - Peak Pulse (10/1000µs)1500W (1.5kW)Power Line ProtectionNoApplications-Capacitance @ Frequency-Operating Temperature-55°C ~175°C (TJ)Package / CaseDo-201AA, DO-27, AxialSupplier Device Package1.5KE	Package	DO-201AA, DO-27, Axial
AnJnidirectional Channels1Bidirectional Channels-Voltage - Reverse Standoff (Typ)81VVoltage - Breakdown (Min)90VVoltage - Clamping (Max) @ Ipp144VCurrent - Peak Pulse (10/1000µs)10.4APower - Peak Pulse (10/1000µs)1500W (1.5kW)Power Line ProtectionNoApplicationsAutomotiveCapacitance @ Frequency-Operating Temperature-55°C ~175°C (TJ)Mounting TypeThrough HolePackage / CaseDO-201AA, DO-27, AxialSupplier Device Package1.5KE	Series	Automotive, AEC-Q101, TransZorb?
Bidirectional Channels-Bidirectional Channels-Voltage - Reverse Standoff (Typ)81VVoltage - Breakdown (Min)90VVoltage - Clamping (Max) @ Ipp144VCurrent - Peak Pulse (10/1000µs)10.4APower - Peak Pulse (10/1000µs)1500W (1.5kW)Power Line ProtectionNoApplicationsAutomotiveCapacitance @ Frequency-Operating Temperature-55°C ~ 175°C (TJ)Mounting TypeThrough HolePackage / CaseDO-201AA, DO-27, Axial	Туре	Zener
Avoltage - Reverse Standoff (Typ)81VVoltage - Breakdown (Min)90VVoltage - Clamping (Max) @ Ipp144VCurrent - Peak Pulse (10/1000µs)10.4APower - Peak Pulse (10/1000µs)1500W (1.5kW)Power Line ProtectionNoAutomotiveAutomotiveCapacitance @ Frequency-Operating Temperature-55°C ~ 175°C (TJ)Mounting TypeThrough HolePackage / CaseDO-201AA, DO-27, AxialSupplier Device Package1.5KE	Unidirectional Channels	1
Voltage - Breakdown (Min)90VVoltage - Clamping (Max) @ Ipp144VCurrent - Peak Pulse (10/1000µs)10.4APower - Peak Pulse1500W (1.5kW)Power Line ProtectionNoApplicationsAutomotiveCapacitance @ Frequency-Operating Temperature-55°C ~ 175°C (TJ)Mounting TypeThrough HolePackage / CaseDO-201AA, DO-27, AxialSupplier Device Package1.5KE	Bidirectional Channels	-
Voltage - Clamping (Max) @ Ipp144VCurrent - Peak Pulse (10/1000µs)10.4APower - Peak Pulse1500W (1.5kW)Power Line ProtectionNoApplicationsAutomotiveCapacitance @ Frequency-Operating Temperature-55°C ~ 175°C (TJ)Mounting TypeThrough HolePackage / CaseDO-201AA, DO-27, AxialSupplier Device Package1.5KE	Voltage - Reverse Standoff (Typ)	81V
Current - Peak Pulse (10/1000µs)10.4APower - Peak Pulse1500W (1.5kW)Power Line ProtectionNoApplicationsAutomotiveCapacitance @ Frequency-Operating Temperature-55°C ~ 175°C (TJ)Mounting TypeThrough HolePackage / CaseDO-201AA, DO-27, AxialSupplier Device Package1.5KE	Voltage - Breakdown (Min)	90V
Power - Peak Pulse1500W (1.5kW)Power Line ProtectionNoApplicationsAutomotiveCapacitance @ Frequency-Operating Temperature-55°C ~ 175°C (TJ)Mounting TypeThrough HolePackage / CaseDO-201AA, DO-27, AxialSupplier Device Package1.5KE	Voltage - Clamping (Max) @ Ipp	144V
Power Line ProtectionNoApplicationsAutomotiveCapacitance @ Frequency-Operating Temperature-55°C ~ 175°C (TJ)Mounting TypeThrough HolePackage / CaseDO-201AA, DO-27, AxialSupplier Device Package1.5KE	Current - Peak Pulse (10/1000µs)	10.4A
ApplicationsAutomotiveCapacitance @ Frequency-Operating Temperature-55°C ~ 175°C (TJ)Mounting TypeThrough HolePackage / CaseDO-201AA, DO-27, AxialSupplier Device Package1.5KE	Power - Peak Pulse	1500W (1.5kW)
Capacitance @ Frequency-Operating Temperature-55°C ~ 175°C (TJ)Mounting TypeThrough HolePackage / CaseDO-201AA, DO-27, AxialSupplier Device Package1.5KE	Power Line Protection	No
Deperating Temperature-55°C ~ 175°C (TJ)Mounting TypeThrough HoleDackage / CaseDO-201AA, DO-27, AxialSupplier Device Package1.5KE	Applications	Automotive
Mounting TypeThrough HolePackage / CaseDO-201AA, DO-27, AxialSupplier Device Package1.5KE	Capacitance @ Frequency	-
Package / CaseDO-201AA, DO-27, AxialSupplier Device Package1.5KE	Operating Temperature	-55°C ~ 175°C (TJ)
Supplier Device Package 1.5KE	Mounting Type	Through Hole
	Package / Case	DO-201AA, DO-27, Axial
Report errors?	Supplier Device Package	1.5KE
		Report errors?

#### 1.5KE100HE3/73 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.

## 1.5KE100HE3/73 Payment Methods





If you have any question about 1.5KE100HE3/73, please do not hesitate to contact us! Website: https://www.heisener.com E-mail: salesdept@heisener.com