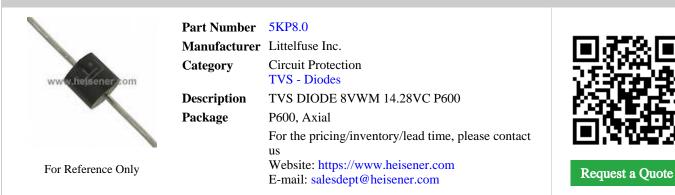


# 5KP8.0

#### **5KP8.0 Information**



## **Certified Quality**

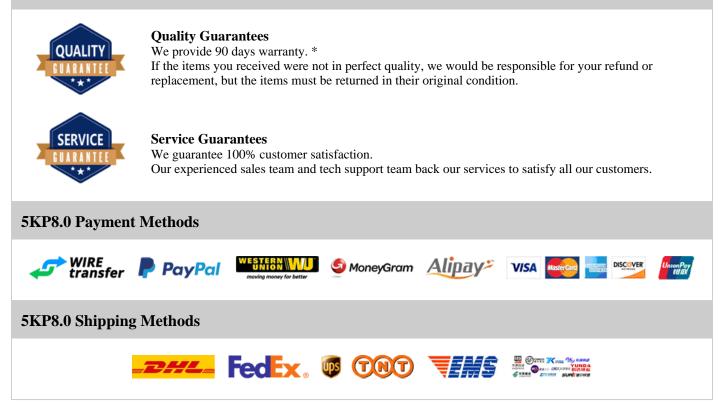
Heisener's commitment to quality has shaped our processes for sourcing, testing, shipping, and every step in between. This foundation underlies each component we sell.



### **5KP8.0** Specifications

CategoryCircuit ProtectionTVS - DiodesPackageP600, AxialSeriesSKPTypeZenerUnidrectional Channels2Bidirectional Channels-Voltage - Reverse Standoff (Typ)8VVoltage - Reverse Standoff (Typ)4.28VVoltage - Clamping (Max) @ Ipp5000W (5kW)Power - Peak Pulse (10/100µs)-Power Line ProtectionSolow (5kW)ApplicationsGeneral PurposeCapacitance @ Frequency-Operating Temperature55°C ~ 175°C (TJ)Mounting TypeFo00, AxialPower Lase CaseP600, Axial	Manufacturer Part Number	5KP8.0
TVS - DiodesPackageP600, AxialSeriesSKPTypeZenerUnidirectional Channels1Bidirectional Channels-Voltage - Reverse Standoff (Typ)8VVoltage - Breakdown (Min)8.42VVoltage - Clamping (Max) @ Ipp14.28VCurrent - Peak Pulse (10/1000µs)-Power - Peak Pulse5000W (5kW)Power Line ProtectionNoApplicationsGeneral PurposeCapacitance @ Frequency-Operating Temperature-55°C ~ 175°C (TJ)Mounting TypeThrough HolePackage / CaseP600, Axial	Manufacturer	Littelfuse Inc.
PackageP600, AxialSeries5KPTypeZenerUndirectional Channels1Bidirectional Channels-Voltage - Reverse Standoff (Typ)8VVoltage - Breakdown (Min)8.42VVoltage - Clamping (Max) @ Ipp14.28VCurrent - Peak Pulse (10/100µs)-Power - Peak Pulse5000W (5kW)Power Jenze TypeSould (5kW)ApplicationsGeneral PurposeOperating Temperature-Operating Temperature-Mounting Type-Package / CaseF600, AxialSupplier Device PackageF600	Category	Circuit Protection
Series5KPTypeZenerUndirectional Channels1Bidirectional Channels-Voltage - Reverse Standoff (Typ)8VVoltage - Breakdown (Min)8.42VVoltage - Clamping (Max) @ Ipp14.28VCurrent - Peak Pulse (10/100µs)-Power - Peak Pulse5000W (5kW)Power Line ProtectionKoApplications-Operating Temperature-Operating Temperature-Power Questing Temperature-Operating Temperature-Stroke (Temperature)-Mounting Type-Package / Case-Supplier Device Package-Stroke (Temperature)-Stroke (Temperature)- <td></td> <td>TVS - Diodes</td>		TVS - Diodes
TypeZenerUndirectional Channels1Bidirectional Channels-Voltage - Reverse Standoff (Typ)8VVoltage - Breakdown (Min)8.42VVoltage - Clamping (Max) @ Ipp14.28VCurrent - Peak Pulse (10/100µs)-Power - Peak Pulse5000W (5kW)Power Line ProtectionNoApplicationsGeneral PurposeCapacitance @ Frequency-Operating Temperature-55°C ~175°C (TJ)Mounting TypeFhough HolePackage / CaseP600	Package	P600, Axial
Image: A stateUnidirectional Channels1Bidirectional Channels-Voltage - Reverse Standoff (Typ)8VVoltage - Reverse Standoff (Typ)8.42VVoltage - Clamping (Max) @ Ipp14.28VCurrent - Peak Pulse (10/1000µs)-Power - Peak Pulse (10/1000µs)5000W (5kW)Power Line ProtectionNoApplicationsGeneral PurposeCapacitance @ Frequency-Operating Temperature-55°C ~ 175°C (TJ)Mounting TypeFhough HolePackage / CaseP600, AxialSupplier Device PackageP600	Series	5KP
Bidirectional Channels-Voltage - Reverse Standoff (Typ)8VVoltage - Breakdown (Min)8.42VVoltage - Clamping (Max) @ Ipp14.28VCurrent - Peak Pulse (10/1000µs)-Power - Peak Pulse5000W (5kW)Power Line ProtectionNoApplicationsGeneral PurposeOperating Temperature-Operating Temperature-55°C ~ 175°C (TJ)Mounting TypeFhough HolePackage / CaseP600, AxialSupplier Device PackageP600	Туре	Zener
Voltage - Reverse Standoff (Typ)8VVoltage - Breakdown (Min)8.42VVoltage - Clamping (Max) @ Ipp14.28VCurrent - Peak Pulse (10/100µs)-Power - Peak Pulse (10/100µs)5000W (5kW)Power Line ProtectionNoApplicationsGeneral PurposeCapacitance @ Frequency-Operating Temperature-50°C ~ 175°C (TJ)Mounting TypeThrough HolePackage / CaseP600, Axial	Unidirectional Channels	1
Voltage - Breakdown (Min)8.42VVoltage - Clamping (Max) @ Ipp14.28VCurrent - Peak Pulse (10/1000µs)-Power - Peak Pulse5000W (5kW)Power Line ProtectionNoApplicationsGeneral PurposeCapacitance @ Frequency-Operating Temperature-55°C ~ 175°C (TJ)Mounting TypeThrough HolePackage / CaseP600, AxialSupplier Device PackageP600	Bidirectional Channels	-
Voltage - Clamping (Max) @ Ipp 14.28V   Current - Peak Pulse (10/1000µs) -   Power - Peak Pulse 5000W (5kW)   Power Line Protection No   Applications General Purpose   Capacitance @ Frequency -   Operating Temperature -55°C ~ 175°C (TJ)   Mounting Type Fhrough Hole   Package / Case P600, Axial	Voltage - Reverse Standoff (Typ)	8V
Current - Peak Pulse (10/1000µs)-Power - Peak Pulse5000W (5kW)Power Line ProtectionNoApplicationsGeneral PurposeCapacitance @ Frequency-Operating Temperature-55°C ~ 175°C (TJ)Mounting TypeThrough HolePackage / CaseP600, AxialSupplier Device PackageP600	Voltage - Breakdown (Min)	8.42V
Power - Peak Pulse5000W (5kW)Power Line ProtectionNoApplicationsGeneral PurposeCapacitance @ Frequency-Operating Temperature-55°C ~ 175°C (TJ)Mounting TypeThrough HolePackage / CaseP600, AxialSupplier Device PackageP600	Voltage - Clamping (Max) @ Ipp	14.28V
Power Line ProtectionNoApplicationsGeneral PurposeCapacitance @ Frequency-Operating Temperature-55°C ~ 175°C (TJ)Mounting TypeThrough HolePackage / CaseP600, AxialSupplier Device PackageP600	Current - Peak Pulse (10/1000µs)	-
ApplicationsGeneral PurposeCapacitance @ Frequency-Operating Temperature-55°C ~ 175°C (TJ)Mounting TypeThrough HolePackage / CaseP600, AxialSupplier Device PackageP600	Power - Peak Pulse	5000W (5kW)
Capacitance @ Frequency-Operating Temperature-55°C ~ 175°C (TJ)Mounting TypeThrough HolePackage / CaseP600, AxialSupplier Device PackageP600	Power Line Protection	No
Operating Temperature-55°C ~ 175°C (TJ)Mounting TypeThrough HolePackage / CaseP600, AxialSupplier Device PackageP600	Applications	General Purpose
Mounting TypeThrough HolePackage / CaseP600, AxialSupplier Device PackageP600	Capacitance @ Frequency	-
Package / CaseP600, AxialSupplier Device PackageP600	Operating Temperature	-55°C ~ 175°C (TJ)
Supplier Device Package P600	Mounting Type	Through Hole
	Package / Case	P600, Axial
Report errors?	Supplier Device Package	P600
		Report errors?

#### **5KP8.0** Guarantees



If you have any question about 5KP8.0, please do not hesitate to contact us! Website: https://www.heisener.com E-mail: salesdept@heisener.com