

## **3KP85**

### **3KP85** Information



Part Number	3KP85	
Manufacturer	Littelfuse Inc.	
Category	Circuit Protection TVS - Diodes	
Description	TVS DIODE 85VWM 143.85VC AXIAL	
Package	P600, Axial	
	For the pricing/inventory/lead time, please contact us Website: https://www.heisener.com E-mail: salesdept@heisener.com	



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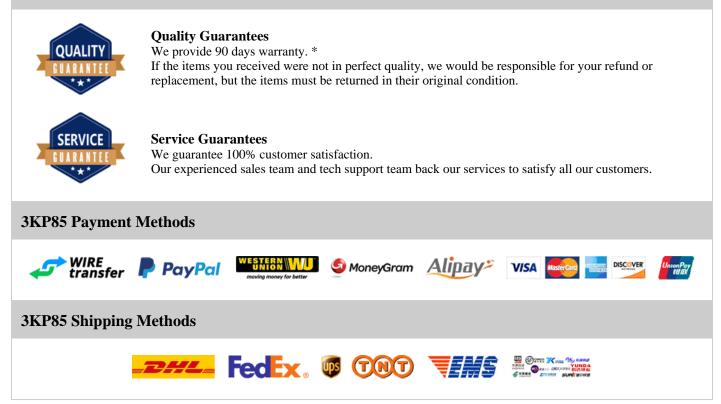
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### **3KP85** Specifications

ManufacturerLittelfuse Inc.CategoryCircuit ProtectionTVS - DiodesPackageP600, AxialSeries3KPSpeiseSeriesTypeZenerUnidirectional Channels1Bidirectional Channels-Voltage - Reverse Standoff (Typ)85VVoltage - Breakdown (Min)89.28VVoltage - Clamping (Max) @ Ipp143.85VCurrent - Peak Pulse (10/100µs)21.9APower Line ProtectionNoApplicationsGeneral PurposeCapacitance @ Frequency-Opranting Temperature-55°C ~ 175°C (TJ)Mounting TypeFloug AcialPackage / CaseP600, AxialSupplier Device PackageP600	-	
CategoryCircuit ProtectionTVS - DiodesPackageP600, AxialSeriesSKPSpeeSkPTypeZenerUnidirectional Channels-Bidirectional Channels-Voltage - Reverse Standoff (Typ)85VVoltage - Breakdown (Min)89.28VVoltage - Clamping (Max) @ Ipp143.85VCurrent - Peak Pulse (10/100µs)21.9APower Line ProtectionNoApplicationsGeneral PurposeCapacitance @ Frequency-Operating Temperature55°C ~ 175°C (TJ)Mounting TypeFrough HolePackage / CaseP600, AxialSupplier Device PackageP600	Manufacturer Part Number	3KP85
TVS - DiodesPackageP600, AxialSeries3KPTypeZenerUnidirectional Channels1Bidirectional Channels-Voltage - Reverse Standoff (Typ)85VVoltage - Breakdown (Min)89.28VVoltage - Clamping (Max) @ Ipp143.85VCurrent - Peak Pulse (10/1000µs)21.9APower - Peak Pulse3000W (3kW)Power Line ProtectionNoApplicationsGeneral PurposeCapacitance @ Frequency-Operating Type1.55°C ~ 175°C (TJ)Mounting TypeThrough HolePackage / CaseP600, AxialSupplier Device PackageP600	Manufacturer	Littelfuse Inc.
PackageP600, AxialSeries3KPTypeZenerUnidirectional Channels1Bidirectional Channels-Voltage - Reverse Standoff (Typ)85VVoltage - Breakdown (Min)9.28VVoltage - Clamping (Max) @ Ipp143.85VCurrent - Peak Pulse (10/1000µs)3000W (3kW)Power - Peak Pulse3000W (3kW)Power Line ProtectionNoApplicationsGeneral PurposeCapacitance @ Frequency-Operating Temperature-55°C ~ 175°C (TJ)Mounting TypeFrough HolePackage / CaseF600, Axial	Category	Circuit Protection
Series3KPTypeZenerUndirectional Channels1Bidirectional Channels-Voltage - Reverse Standoff (Typ)85VVoltage - Breakdown (Min)89.28VVoltage - Clamping (Max) @ Ipp143.85VCurrent - Peak Pulse (10/1000µs)21.9APower - Peak Pulse3000W (3kW)Power Line ProtectionNoApplicationsGeneral PurposeCapacitance @ Frequency-Operating Temperature-55°C ~ 175°C (TJ)Mounting TypeFotog AxialPackage / CaseP600		TVS - Diodes
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Image: An antiset of the section of	Series	3KP
Bidirectional Channels-Bidirectional Channels-Voltage - Reverse Standoff (Typ)85VVoltage - Breakdown (Min)89.28VVoltage - Clamping (Max) @ Ipp143.85VCurrent - Peak Pulse (10/1000µs)21.9APower - Peak Pulse3000W (3kW)Power - Peak PulseNoPower Line ProtectionNoApplicationsGeneral PurposeCapacitance @ Frequency-Operating Temperature-55°C ~ 175°C (TJ)Mounting TypeThrough HolePackage / CaseP600, AxialSupplier Device PackageP600	Туре	Zener
Voltage - Reverse Standoff (Typ)85VVoltage - Breakdown (Min)89.28VVoltage - Clamping (Max) @ Ipp143.85VCurrent - Peak Pulse (10/1000µs)21.9APower - Peak Pulse3000W (3kW)Power Line ProtectionNoApplicationsGeneral PurposeCapacitance @ Frequency-Operating Temperature-55°C ~ 175°C (TJ)Mounting TypeFhoug AtailPackage / CaseP600, AxialSupplier Device PackageP600	Unidirectional Channels	1
Voltage - Breakdown (Min)89.28VVoltage - Clamping (Max) @ Ipp143.85VCurrent - Peak Pulse (10/1000µs)21.9APower - Peak Pulse3000W (3kW)Power Line ProtectionNoApplicationsGeneral PurposeCapacitance @ Frequency-Operating Temperature-55°C ~ 175°C (TJ)Mounting TypeThrough HolePackage / CaseP600, Axial	Bidirectional Channels	-
Voltage - Clamping (Max) @ Ipp143.85VCurrent - Peak Pulse (10/1000µs)21.9APower - Peak Pulse3000W (3kW)Power Line ProtectionNoApplicationsGeneral PurposeCapacitance @ Frequency-Operating Temperature-55°C ~ 175°C (TJ)Mounting TypeThrough HolePackage / CaseP600, AxialSupplier Device PackageP600	Voltage - Reverse Standoff (Typ)	85V
Current - Peak Pulse (10/1000µs)21.9APower - Peak Pulse3000W (3kW)Power Line ProtectionNoApplicationsGeneral PurposeCapacitance @ Frequency-Operating Temperature-55°C ~ 175°C (TJ)Mounting TypeThrough HolePackage / CaseP600, AxialSupplier Device PackageP600	Voltage - Breakdown (Min)	89.28V
Power - Peak Pulse3000W (3kW)Power Line ProtectionNoApplicationsGeneral PurposeCapacitance @ Frequency-Operating Temperature-55°C ~ 175°C (TJ)Mounting TypeThrough HolePackage / CaseP600, AxialSupplier Device PackageP600	Voltage - Clamping (Max) @ Ipp	143.85V
Power Line ProtectionNoApplicationsGeneral PurposeCapacitance @ Frequency-Operating Temperature-55°C ~ 175°C (TJ)Mounting TypeThrough HolePackage / CaseP600, AxialSupplier Device PackageP600	Current - Peak Pulse (10/1000µs)	21.9A
ApplicationsGeneral PurposeCapacitance @ Frequency-Operating Temperature-55°C ~ 175°C (TJ)Mounting TypeThrough HolePackage / CaseP600, AxialSupplier Device PackageP600	Power - Peak Pulse	3000W (3kW)
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 <sup>2</sup>	Supplier Device Package	P600
		Report errors?

#### **3KP85** Guarantees



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