

## 3KP14C

### **3KP14C Information**



Part Number	3KP14C	
Manufacturer	Littelfuse Inc.	
Category	Circuit Protection TVS - Diodes	
Description	TVS DIODE 14VWM 24.36VC 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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### **3KP14C Specifications**

ManufacturerLittelfuse Inc.CategoryCircuit ProtectionTVS - DiodesPackageF060, AxialSeriesSkPSeriesSkPTypeZenerUnidirectional Channels1Bidirectional Channels14/VVoltage - Reverse Standoff (Typ)14/SVoltage - Breakdown (Min)24.36VVoltage - Clamping (Max) @ Ipp24.36VCurrent - Peak Pulse (10/1000µS)3000W (3kW)Power Line ProtectionNoApplicationsGeneral PurposeCapacitance @ Frequency-Operating Temperature-S5°C ~ 175°C (TJ)Mounting TypeFlodo, AxialPackage / CasePoio, AxialSupplier Device PackagePoionSupplier Device PackagePoionSupplier Device PackagePoionSupplier Device PackagePoionSupplier Device PackagePoionSupplier Device PackagePoionSupplier Device PackagePoinSupplier Device Package </th <th>-</th> <th></th>	-	
CategoryCircuit ProtectionTVS - DiodesPackageP600, AxialSeriesSKPSyreeSereerTypeZenerUnidirectional Channels-Bidirectional Channels1Voltage - Reverse Standoff (Typ)14/VVoltage - Breakdown (Min)14.76VVoltage - Clamping (Max) @ Ipp24.36VCurrent - Peak Pulse (10/1000µs)129.3APower Line ProtectionNoApplicationsGeneral PurposeCapacitance @ Frequency-Operating Temperature-Package / CaseStool, AxialSupplier Device PackageP600, Axial	Manufacturer Part Number	3KP14C
TVS - DiodesPackageP600, AxialSeries3KPTypeZenerUnidirectional Channels-Bidirectional Channels1Voltage - Reverse Standoff (Typ)14VVoltage - Breakdown (Min)14.76VVoltage - Clamping (Max) @ Ipp24.36VCurrent - Peak Pulse (10/1000µs)3000W (3kW)Power - Peak Pulse3000W (3kW)Power Line ProtectionNoApplicationsGeneral PurposeCapacitance @ Frequency-Operating Temperature-55°C ~ 175°C (TJ)Mounting TypeThrough HolePackage / CaseP600, AxialSupplier Device PackageP600	Manufacturer	Littelfuse Inc.
PackageP600, AxialSeries3KPTypeZenerUnidirectional Channels-Bidirectional Channels1Voltage - Reverse Standoff (Typ)14VVoltage - Breakdown (Min)14.76VVoltage - Clamping (Max) @ Ipp24.36VCurrent - Peak Pulse (10/1000µs)3000W (3kW)Power - Peak Pulse3000W (3kW)Power Line ProtectionNoApplicationsGeneral PurposeCapacitance @ Frequency-Operanting Type-Mounting TypeThrough HolePackage / CaseFo00, Axial	Category	Circuit Protection
NoStepVoltage - Clamping (Max) @ Ipp14VVoltage - Clamping (Max) @ Ipp14.76VVoltage - Clamping (Max) @ Ipp24.36VVourret - Peak Pulse (10/1000µs)129.3APower - Peak Pulse3000W (3kW)Power Line ProtectionNoApplicationsGeneral PurposeCapacitance @ Frequency-Operating Type55°C ~ 175°C (TJ)Mounting TypeFroquencyPackage / CaseP600Supplier Device PackageP600		TVS - Diodes
TypeZenerUnidirectional Channels-Bidirectional Channels1Voltage - Reverse Standoff (Typ)14/VVoltage - Reverse Standoff (Typ)14.76VVoltage - Breakdown (Min)24.36VVoltage - Clamping (Max) @ Ipp24.36VCurrent - Peak Pulse (10/1000µs)129.3APower - Peak Pulse3000W (3kW)Power Line ProtectionNoApplicationsGeneral PurposeCapacitance @ Frequency-Operating Temperature-55°C ~ 175°C (TJ)Mounting TypeThrough HolePackage / CaseP600, AxialSupplier Device PackageP600	Package	P600, Axial
Unidirectional Channels-Bidirectional Channels1Voltage - Reverse Standoff (Typ)14VVoltage - Breakdown (Min)14.76VVoltage - Clamping (Max) @ Ipp24.36VCurrent - Peak Pulse (10/1000µs)129.3APower - Peak Pulse (10/1000µs)3000W (3kW)Power Line ProtectionNoApplicationsGeneral PurposeCapacitance @ Frequency-Operating Temperature-55°C ~175°C (TJ)Mounting TypeThrough HolePackage / CaseP600, AxialSupplier Device PackageP600	Series	3KP
Bidirectional Channels1Bidirectional Channels1Voltage - Reverse Standoff (Typ)14VVoltage - Breakdown (Min)14.76VVoltage - Clamping (Max) @ Ipp24.36VCurrent - Peak Pulse (10/1000µs)129.3APower - Peak Pulse (10/1000µs)3000W (3kW)Power Line ProtectionNoApplicationsGeneral PurposeCapacitance @ Frequency-Operating Temperature-55°C ~ 175°C (TJ)Mounting TypeThrough HolePackage / CaseP600, AxialSupplier Device PackageP600	Туре	Zener
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Voltage - Breakdown (Min)14.76VVoltage - Clamping (Max) @ Ipp24.36VCurrent - Peak Pulse (10/1000µs)129.3APower - Peak Pulse (10/1000µs)3000W (3kW)Power Line ProtectionNoApplicationsGeneral PurposeCapacitance @ Frequency-Operating Temperature-55°C ~ 175°C (TJ)Mounting TypeThrough HolePackage / CaseP600, AxialSupplier Device PackageP600	Bidirectional Channels	1
Voltage - Clamping (Max) @ Ipp24.36VCurrent - Peak Pulse (10/1000µs)129.3APower - 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)	14V
Current - Peak Pulse (10/1000µs)129.3APower - 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)	14.76V
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	24.36V
Power Line ProtectionNoApplicationsGeneral PurposeCapacitance @ Frequency-Operating Temperature-55°C ~ 175°C (TJ)Mounting TypeThrough HolePackage / CaseP600, AxialSupplier Device PackageP600	Current - Peak Pulse (10/1000µs)	129.3A
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>4</sup>	Supplier Device Package	P600
		Report errors?

#### **3KP14C Guarantees**



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