

5KP16C

5KP16C Information

| www.helsener.com | Part Number | 5KP16C | |
|--------------------|--------------|---|--|
| | Manufacturer | Littelfuse Inc. | |
| | Category | Circuit Protection TVS - Diodes | |
| | Description | TVS DIODE 16VWM 27.3VC AXIAL | |
| | Package | P600, Axial | |
| | | For the pricing/inventory/lead time, please contact | |
| For Reference Only | | us Website: https://www.heisener.com E-mail: salesdept@heisener.com | |

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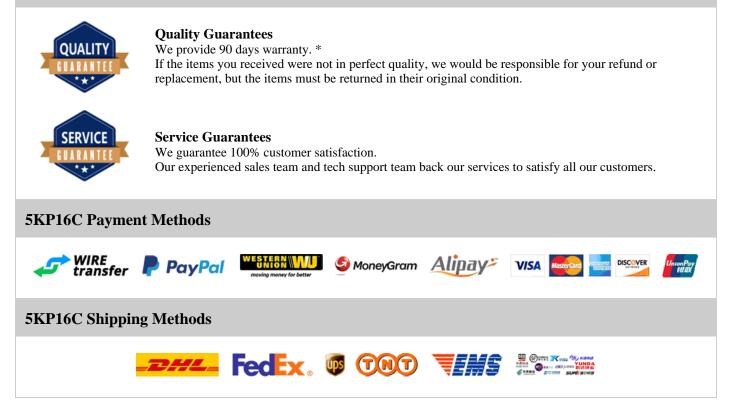


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5KP16C Specifications

| Manufacturer Part NumberSKP16CManufacturerLittelfuse Inc.CategoryCircuit ProtectionPackageP600, AxialSeriesSKPTypeZenerUnidirectional Channels-Bidirectional Channels1Voltage - Reverse Standoff (Typ)16VVoltage - Clamping (Max) @ Ipp27.3VCurrent - Peak Pulse (10/100µs)-Power Line ProtectionSo00W (SkW)ApplicationsGeneral PurposeCurrent Peak Pulse (10/100µs)So102 (StW)Over Line ProtectionSo102 (StW)ApplicationsGeneral PurposeCurrent Peak Pulse (10/100µs)So102 (StW)Power Line ProtectionNoApplicationsGeneral PurposeCurrent Peak Pulse (10/100µs)So102 (StW)Power Line ProtectionNoApplicationsGeneral PurposeCurrent Peak Pulse (10/100µs)So102 (StW)Power Line ProtectionNoApplicationsGeneral PurposeApplicationsGeneral PurposeCurrent ProtectionStS°C ~175°C (TJ)Mounting TypeThrough Hole | | |
|--|----------------------------------|--------------------|
| CategoryCircuit ProtectionTVS - DiodesPackageP600, AxialSeriesSKPTypeZenerUnidirectional Channels-Bidirectional Channels1Voltage - Reverse Standoff (Typ)164VVoltage - Breakdown (Min)16.88VVoltage - Clamping (Max) @ Ipp27.3VCurrent - Peak Pulse (10/100µs)5000W (SkW)Power Line ProtectionSnouApplicationsGeneral PurposeCapacitance @ Frequency-Operating Temperature55°C ~ 175°C (TJ)Mounting TypeThrough Hole | Manufacturer Part Number | 5KP16C |
| PackageTVS - DiodesPackageP600, AxialSeriesSKPTypeZenerUndirectional Channels-Bidirectional Channels1Voltage - Reverse Standoff (Typ)16VVoltage - Breakdown (Min)16.88VVoltage - Clamping (Max) @ Ipp27.3VCurrent - Peak Pulse (10/1000µs)-Power - Peak Pulse5000W (5kW)Power Line ProtectionNoApplicationsGeneral PurposeCapacitance @ Frequency-< | Manufacturer | Littelfuse Inc. |
| PackageP600, AxialSeries5KPTypeZenerUndirectional Channels-Bidirectional Channels1Voltage - Reverse Standoff (Typ)16VVoltage - Breakdown (Min)16.88VVoltage - Clamping (Max) @ Ipp27.3VCurrent - Peak Pulse (10/100µs)-Power - Peak Pulse5000W (5kW)Power Line ProtectionNoApplicationsGeneral PurposeCapacitance @ Frequency-Operating Temperature-5°C ~ 175°C (TJ)Mounting TypeThrough Hole | Category | Circuit Protection |
| Series5KPTypeZenerUnidirectional Channels-Bidirectional Channels1Voltage - Reverse Standoff (Typ)16VVoltage - Breakdown (Min)16.88VVoltage - Clamping (Max) @ Ipp27.3VCurrent - Peak Pulse (10/100µs)-Power - Peak Pulse5000W (5kW)Power Line ProtectionNoApplicationsGeneral PurposeCapacitance @ Frequency-Operating Temperature-55°C ~ 175°C (TJ)Mounting TypeThrough Hole | | TVS - Diodes |
| TypeZenerUnidirectional Channels-Bidirectional Channels1Voltage - Reverse Standoff (Typ)16VVoltage - Breakdown (Min)16.88VVoltage - Clamping (Max) @ Ipp27.3VCurrent - Peak Pulse (10/1000µs)-Power - Peak Pulse5000W (5kW)Power Line ProtectionNoApplicationsGeneral PurposeCapacitance @ Frequency-Operating Type55°C ~ 175°C (TJ)Mounting TypeThrough Hole | Package | P600, Axial |
| NUnidirectional Channels-Bidirectional Channels1Voltage - Reverse Standoff (Typ)16VVoltage - Reverse Standoff (Typ)16.88VVoltage - Clamping (Max) @ Ipp27.3VCurrent - Peak Pulse (10/1000µs)-Power - Peak Pulse (10/1000µs)5000W (5kW)Power Line ProtectionNoApplicationsGeneral PurposeCapacitance @ Frequency-Operating Temperature-55°C ~ 175°C (TJ)Mounting TypeThrough Hole | Series | 5KP |
| Bidirectional Channels1Bidirectional Channels16VVoltage - Reverse Standoff (Typ)16VVoltage - Breakdown (Min)16.88VVoltage - Clamping (Max) @ Ipp27.3VCurrent - Peak Pulse (10/100µs)-Power Lever Standoff (Typ)5000W (5kW)Power Line ProtectionNoApplicationsGeneral PurposeCapacitance @ Frequency-Operating Temperature55°C ~ 175°C (TJ)Mounting TypeThrough Hole | Туре | Zener |
| Voltage - Reverse Standoff (Typ)16VVoltage - Breakdown (Min)16.88VVoltage - Clamping (Max) @ Ipp27.3VCurrent - Peak Pulse (10/1000µs)-Power - Peak Pulse (10/1000µs)5000W (5kW)Power Line ProtectionNoApplicationsGeneral PurposeCapacitance @ Frequency-Operating Temperature55°C ~ 175°C (TJ)Mounting TypeThrough Hole | Unidirectional Channels | - |
| Voltage - Breakdown (Min) 16.88V Voltage - Clamping (Max) @ Ipp 27.3V 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 Through Hole | Bidirectional Channels | 1 |
| Voltage - Clamping (Max) @ Ipp 27.3V 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 Through Hole | Voltage - Reverse Standoff (Typ) | 16V |
| Current - Peak Pulse (10/1000µs)-Power - Peak Pulse5000W (5kW)Power Line ProtectionNoApplicationsGeneral PurposeCapacitance @ Frequency-Operating Temperature-55°C ~175°C (TJ)Mounting TypeThrough Hole | Voltage - Breakdown (Min) | 16.88V |
| Power - Peak Pulse5000W (5kW)Power Line ProtectionNoApplicationsGeneral PurposeCapacitance @ Frequency-Operating Temperature-55°C ~175°C (TJ)Mounting TypeThrough Hole | Voltage - Clamping (Max) @ Ipp | 27.3V |
| Power Line ProtectionNoApplicationsGeneral PurposeCapacitance @ Frequency-Operating Temperature-55°C ~175°C (TJ)Mounting TypeThrough Hole | Current - Peak Pulse (10/1000µs) | - |
| ApplicationsGeneral PurposeCapacitance @ Frequency-Operating Temperature-55°C ~ 175°C (TJ)Mounting TypeThrough Hole | Power - Peak Pulse | 5000W (5kW) |
| Capacitance @ Frequency-Operating Temperature-55°C ~ 175°C (TJ)Mounting TypeThrough Hole | Power Line Protection | No |
| Operating Temperature-55°C ~ 175°C (TJ)Mounting TypeThrough Hole | Applications | General Purpose |
| Mounting Type Through Hole | Capacitance @ Frequency | - |
| | Operating Temperature | -55°C ~ 175°C (TJ) |
| Package / Case P600, Axial | Mounting Type | Through Hole |
| <i>,</i> | Package / Case | P600, Axial |
| Supplier Device Package P600 | Supplier Device Package | P600 |
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5KP16C Guarantees



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