

### P6KE27C-B

#### **P6KE27C-B Information**



| Number    | P6KE27C-B  |
|-----------|--|
| ufacturer | Littelfuse Inc.  |
| gory      | Circuit Protection<br>TVS - Diodes   |
| ription   | TVS DIODE 23.1VWM 39.38VC AXIAL  |
| age       | DO-204AC, DO-15, Axial   |
|           | For the pricing/inventory/lead time, please contact<br>us<br>Website: https://www.heisener.com<br>E-mail: salesdept@heisener.com |



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## **Certified Quality**

For Reference Only

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.



#### **P6KE27C-B** Specifications

| ManufacturerLittelfuse Inc.CategoryCircuit ProtectionTVS - DiodesTVS - DiodesPackageDO-204AC, DO-15, AxialSeriesP6KETypeZenerUnidirectional Channels-Bidirectional Channels1Voltage - Reverse Standoff (Typ)23.1VVoltage - Breakdown (Min)24.35VVoltage - Clamping (Max) @ Ipp39.38VCurrent - Peak Pulse (10/1000µs)-Power Line ProtectionKoApplicationsGeneral PurposeCapacitance @ Frequency-Operating Temperature-55°C ~ 175°C (TJ)Mounting TypeDo-204AC, DO-15, AxialSupplier Device PackageDO-204AC, DO-15, Axial       |                                  |                        |
|--|----------------------------------|------------------------|
| CategoryCircuit ProtectionTVS - DiodesPackageDO-204AC, DO-15, AxialSeriesP6KETypeZenerUnidirectional Channels-Bidirectional Channels1Voltage - Reverse Standoff (Typ)23.1VVoltage - Breakdown (Min)24.35VVoltage - Clamping (Max) @ Ipp39.38VCurrent - Peak Pulse (10/100µs)-Power Line ProtectionGoordApplicationsGeneral PurposeCapacitance @ Frequency-Operating Temperature-s°°C ~ 175°C (TJ)Mounting TypeThrough HolePackage / CaseDO-204AC, DO-15, AxialSupplier Device PackageDO-204AC, DO-15                         | Manufacturer Part Number         | P6KE27C-B              |
| TriggeryTrike FunctionPackageTVS - DiodesPackageDO-204AC, DO-15, AxialSeriesP6KETypeZenerUnidirectional Channels-Bidirectional Channels1Voltage - Reverse Standoff (Typ)23.1VVoltage - Breakdown (Min)24.35VVoltage - Clamping (Max) @ Ipp39.38VCurrent - Peak Pulse (10/1000µs)-Power - Peak Pulse600WPower Line ProtectionNoApplicationsGeneral PurposeCapacitance @ Frequency-Operating Temperature-55°C ~ 175°C (TJ)Mounting TypeThrough HolePackage / CaseDO-204AC, DO-15, AxialSupplier Device PackageDO-204AC (DO-15) | Manufacturer                     | Littelfuse Inc.        |
| PackageDO-204AC, DO-15, AxialSeriesP6KETypeZenerUndirectional Channels-Bidirectional Channels1Voltage - Reverse Standoff (Typ)23.1VVoltage - Breakdown (Min)24.35VVoltage - Clamping (Max) @ Ipp39.38VCurrent - Peak Pulse (10/1000µs)-Power - Peak Pulse600WPower Line ProtectionNoApplicationsGeneral PurposeCapacitance @ Frequency-Operating Temperature-55°C ~ 175°C (TJ)Mounting TypeThrough HolePackage / CaseDO-204AC, DO-15, AxialSupplier Device PackageDO-204AC, DO-15, Axial                                     | Category                         | Circuit Protection     |
| SeriesP6KETypeZenerUndirectional Channels-Bidirectional Channels1Voltage - Reverse Standoff (Typ)23.1VVoltage - Breakdown (Min)24.35VVoltage - Clamping (Max) @ Ipp39.38VCurrent - Peak Pulse (10/1000µs)-Power - Peak Pulse600WPower Line ProtectionNoApplicationsGeneral PurposeCapacitance @ Frequency-Operating Type55°C ~ 175°C (TJ)Mounting TypeThrough HolePackage / CaseDO-204AC, DO-15, AxialSupplier Device PackageDO-204AC (DO-15)  |                                  | TVS - Diodes           |
| TypeZenerUndirectional Channels-Bidirectional Channels1Voltage - Reverse Standoff (Typ)23.1VVoltage - Breakdown (Min)24.35VVoltage - Clamping (Max) @ Ipp39.38VCurrent - Peak Pulse (10/1000µs)-Power - Peak Pulse600WPower Line ProtectionNoApplicationsGeneral PurposeCapacitance @ Frequency-Operating Temperature55°C ~ 175°C (TJ)Mounting TypeThrough HolePackage / CaseDO-204AC, DO-15, Axial  | Package                          | DO-204AC, DO-15, Axial |
| UnitInitUnidirectional Channels-Bidirectional Channels1Voltage - Reverse Standoff (Typ)23.1VVoltage - Breakdown (Min)24.35VVoltage - Clamping (Max) @ Ipp39.38VCurrent - Peak Pulse (10/1000µs)-Power - Peak Pulse (10/1000µs)600WPower Line ProtectionNoApplicationsGeneral PurposeCapacitance @ Frequency-Operating Temperature-55°C ~ 175°C (TJ)Mounting TypeThrough HolePackage / CaseDO-204AC, DO-15, AxialSupplier Device PackageDO-204AC (DO-15)  | Series                           | P6KE                   |
| Bidirectional Channels1Bidirectional Channels1Voltage - Reverse Standoff (Typ)23.1VVoltage - Breakdown (Min)24.35VVoltage - Clamping (Max) @ Ipp39.38VCurrent - Peak Pulse (10/1000µs)-Power - Peak Pulse (10/1000µs)600WPower - Peak Pulse600WPower Line ProtectionNoApplicationsGeneral PurposeCapacitance @ Frequency-Operating Temperature-55°C ~ 175°C (TJ)Mounting TypeThrough HolePackage / CaseDO-204AC, DO-15, AxialSupplier Device PackageDO-204AC (DO-15)   | Туре                             | Zener                  |
| Voltage - Reverse Standoff (Typ)23.1VVoltage - Breakdown (Min)24.35VVoltage - Clamping (Max) @ Ipp39.38VCurrent - Peak Pulse (10/100µs)-Power - Peak Pulse (10/100µs)600WPower - Peak Pulse600WPower Line ProtectionNoApplicationsGeneral PurposeCapacitance @ Frequency-Operating Temperature-55°C ~ 175°C (TJ)Mounting TypeThrough HolePackage / CaseDO-204AC, DO-15, AxialSupplier Device PackageDO-204AC (DO-15)   | Unidirectional Channels          | -                      |
| Voltage - Breakdown (Min)24.35VVoltage - Clamping (Max) @ Ipp39.38VCurrent - Peak Pulse (10/1000µs)-Power - Peak Pulse600WPower Line ProtectionNoApplicationsGeneral PurposeCapacitance @ Frequency-Operating Temperature-55°C ~ 175°C (TJ)Mounting TypeThrough HolePackage / CaseDO-204AC, DO-15, AxialSupplier Device PackageDO-204AC (DO-15)  | Bidirectional Channels           | 1                      |
| Voltage - Clamping (Max) @ Ipp39.38VCurrent - Peak Pulse (10/1000µs)-Power - Peak Pulse600WPower Line ProtectionNoApplicationsGeneral PurposeCapacitance @ Frequency-Operating Temperature-55°C ~ 175°C (TJ)Mounting TypeThrough HolePackage / CaseDO-204AC, DO-15, AxialSupplier Device PackageDO-204AC (DO-15)   | Voltage - Reverse Standoff (Typ) | 23.1V                  |
| Current - Peak Pulse (10/1000µs)-Power - Peak Pulse600WPower Line ProtectionNoApplicationsGeneral PurposeCapacitance @ Frequency-Operating Temperature-55°C ~ 175°C (TJ)Mounting TypeThrough HolePackage / CaseDO-204AC, DO-15, AxialSupplier Device PackageDO-204AC (DO-15)   | Voltage - Breakdown (Min)        | 24.35V                 |
| Power - Peak Pulse600WPower Line ProtectionNoApplicationsGeneral PurposeCapacitance @ Frequency-Operating Temperature-55°C ~ 175°C (TJ)Mounting TypeThrough HolePackage / CaseDO-204AC, DO-15, AxialSupplier Device PackageDO-204AC (DO-15)  | Voltage - Clamping (Max) @ Ipp   | 39.38V                 |
| Power Line ProtectionNoApplicationsGeneral PurposeCapacitance @ Frequency-Operating Temperature-55°C ~ 175°C (TJ)Mounting TypeThrough HolePackage / CaseDO-204AC, DO-15, AxialSupplier Device PackageDO-204AC (DO-15)  | Current - Peak Pulse (10/1000µs) | -                      |
| ApplicationsGeneral PurposeCapacitance @ Frequency-Operating Temperature-55°C ~ 175°C (TJ)Mounting TypeThrough HolePackage / CaseDO-204AC, DO-15, AxialSupplier Device PackageDO-204AC (DO-15)   | Power - Peak Pulse               | 600W                   |
| Capacitance @ Frequency-Operating Temperature-55°C ~ 175°C (TJ)Mounting TypeThrough HolePackage / CaseDO-204AC, DO-15, AxialSupplier Device PackageDO-204AC (DO-15)  | Power Line Protection            | No                     |
| Operating Temperature-55°C ~ 175°C (TJ)Mounting TypeThrough HolePackage / CaseDO-204AC, DO-15, AxialSupplier Device PackageDO-204AC (DO-15)  | Applications                     | General Purpose        |
| Mounting TypeThrough HolePackage / CaseDO-204AC, DO-15, AxialSupplier Device PackageDO-204AC (DO-15)   | Capacitance @ Frequency          | -                      |
| Package / CaseDO-204AC, DO-15, AxialSupplier Device PackageDO-204AC (DO-15)  | Operating Temperature            | -55°C ~ 175°C (TJ)     |
| Supplier Device Package DO-204AC (DO-15)   | Mounting Type                    | Through Hole           |
|  | Package / Case                   | DO-204AC, DO-15, Axial |
| Report errors?   | Supplier Device Package          | DO-204AC (DO-15)       |
|  |                                  | Report errors?         |

#### P6KE27C-B 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 SUARANTEE

#### **Service Guarantees**

We guarantee 100% customer satisfaction. Our experienced sales team and tech support team back our services to satisfy all our customers.

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If you have any question about P6KE27C-B, please do not hesitate to contact us! Website: https://www.heisener.com E-mail: salesdept@heisener.com