

TVS Diode Single Uni-Dir 171V 600W 2-Pin DO-15 T/R

Manufacturer: [Littelfuse Inc](#)

Package/Case: DO-15

Product Type: Thyristors

Lifecycle: Active



Images are for reference only

[Inquiry](#)

General Description

The P6KE200A diode is a popular choice for transient voltage suppression. It is commonly used to protect sensitive components and circuits from voltage surges caused by electrostatic discharge (ESD), lightning strikes, or other transient events.

Key Features

Application

Peak pulse power: 600W (10/1000µs) Power Supply Protection: It can be used in power supplies to protect sensitive components, such as integrated circuits (ICs), from voltage surges.

Stand-off voltage range: 6.8 to 440V

Unidirectional and bidirectional types Communication Systems: The diode is employed in communication systems, such as Ethernet interfaces, to safeguard against voltage spikes that can damage sensitive circuitry.

Low clamping factor

Fast response time

Consumer Electronics: It is utilized in consumer electronic devices, such as TVs, computers, and smartphones, to protect against ESD events and other transient voltage disturbances.

UL recognized

Complies with the following standards

Automotive Electronics: The diode finds applications in automotive electronics to protect against voltage surges caused by load dump, electrostatic discharge, or other electrical disturbances.

IEC 61000-4-2 level 4

15kV (air discharge)

Industrial Equipment: It is used in industrial equipment and machinery to protect control systems and sensitive electronic components from voltage transients.

8kV (contact discharge)

MIL-STD-883G, method 3015-7 Class 3

HBM (human body model)



Recommended For You

P6KE6.8A

Littelfuse Inc

DO-15

P6KE6.8CA

Littelfuse Inc

DO-15

P6KE20CA

Littelfuse Inc

DO-15

P6SMB250A

Littelfuse Inc

SMB(DO-214AA)

P6SMB51A

Littelfuse Inc

DO-214AA

P6KE33CA

Littelfuse Inc

DO-15

P6KE24CA

Littelfuse Inc

DO-15

P6SMB62A

Littelfuse Inc

DO-214AA

P6KE15A

Littelfuse Inc

DO-15

P6KE33A

Littelfuse Inc

DO-15

P6KE12CA

Littelfuse Inc

DO-15

SZP6SMB33CAT3G

Littelfuse Inc

SMB

P6KE16CA

Littelfuse Inc

DO-15

P6SMB27CA

Littelfuse Inc

DO-214AA

P6SMB480CA

Littelfuse Inc

SMB