

TVS Diode Single Bi-Dir 180V 5KW 2-Pin Case P-600 T/R

Manufacturer: [Littelfuse Inc](#)

Package/Case: R-6

Product Type: Thyristors

Lifecycle: Active



Images are for reference only

[Inquiry](#)

General Description

The 5KP Series is designed specifically to protect sensitive electronic equipment from voltage transients induced by lightning and other transient voltage events.

Key Features

Halogen-Free and RoHS compliant

Typical maximum temperature coefficient $\Delta VBR = 0.1\% \text{ } \bar{\Delta} \text{---} VBR@25\text{ } \bar{\Delta} \text{ } ^\circ\text{C}$

Glass passivated junction

5000W peak pulse capability at $10\bar{\Delta} \text{---} 1000\hat{1}/\text{s}$ waveform, repetition rate (duty cycles):0.01%

Fast response time: typically less than 1.0ps from 0 Volts to BV min

Excellent clamping capability

Low incremental surge resistance

Typical IR less than $2\hat{1}/\text{A}$ above 12V

High temperature soldering guaranteed: $265\hat{\Delta} \text{ } ^\circ\text{C}/10$ seconds/ $0.375\hat{\Delta} \text{ } \bar{\Delta} \text{ } (9.5\text{mm})$ lead length, 51bs., (2.3kg) tension

Plastic package has Underwriters LaboratoryFlammability classification 94V-O

Matte Tin Lead $\hat{\Delta} \text{ } \bar{\Delta} \text{ } \text{free plated}$

Recommended For You

5KP33A

Littelfuse Inc
R-6

5KP48CA

Littelfuse Inc
P-600

1.5KE18CA

Littelfuse Inc
DO-201AD

5KP33CA

Littelfuse Inc
R-6

15KPA48CA

Littelfuse Inc
R-6

1.5KE24A

Littelfuse Inc
DO-201AD

5KP24CA

Littelfuse Inc
R-6

1.5KE22CA

Littelfuse Inc
DO-201AD

1.5KE33A

Littelfuse Inc
DO-201

1.5KE43A

Littelfuse Inc
DO-201AD

5KP28A

Littelfuse Inc
R-6

1.5KE12A

Littelfuse Inc
DO-201

1.5KE27CA

Littelfuse Inc
DO-201

1.5KE75CA

Littelfuse Inc
DO-201AD

15KPA33A

Littelfuse Inc
R-6