

Diode TVS Single Uni-Dir 23V 600W 2-Pin DO-15 T/R

Manufacturer: [STMicroelectronics, Inc](#)

Package/Case: DO-15

Product Type: Thyristors

Lifecycle: Active



Images are for reference only

[Inquiry](#)

General Description

The P6KE TVS series is designed to protect sensitive equipment against electrostatic discharges according to IEC 61000-4-2, MIL STD 883 Method 3015, and electrical overstress such as IEC 61000-4-4 and 5. They are used for surges below 600 W 10/1000 μ s. This planar technology makes it compatible with high-end equipment and SMPS where low leakage current and high junction temperature are required to provide reliability and stability over time.

Key Features

Peak pulse power:

600 W (10/1000 μ s)

up to 4 kW (8/20 μ s)

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Stand-off voltage range from 5.8 V to 376 V

Unidirectional and bidirectional types

Operating Tj max: 175 °C

High power capability at Tj max.: up to 420 W (10/1000 μ s)

Lead finishing: matte tin plating

Recommended For You

P6KE250ARL

STMicroelectronics, Inc
N

ESDLIN1524BJ

STMicroelectronics, Inc
SOD-323

BZW06-33

STMicroelectronics, Inc
DO-15

ESDA6V1W5

STMicroelectronics, Inc
SOT-353

SMI5T68A

STMicroelectronics, Inc
DO-214AB

ESDCAN24-2BLY

STMicroelectronics, Inc
SOT-23-3

LDP24A

STMicroelectronics, Inc
R-6

DALC208SC6

STMicroelectronics, Inc
SOT23-6

1.5KE350A

STMicroelectronics, Inc
DO-201AD

ESDA14V2LY

STMicroelectronics, Inc
SOT-23

ESDA5V3LY

STMicroelectronics, Inc
SOT-23

SMAJ24A-TR

STMicroelectronics, Inc
SMA

DA108S1RL

STMicroelectronics, Inc
SOP8

ESDALC6V1P5

STMicroelectronics, Inc
SOT-665

DVIULC6-4SC6Y

STMicroelectronics, Inc
SOT23-6