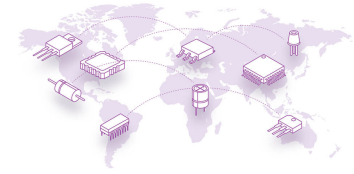


Diode TVS Single Uni-Dir 68V 5KW 2-Pin Case R-6 T/R



Images are for reference only

[Inquiry](#)

Manufacturer: [STMicroelectronics, Inc](#)

Package/Case: R6

Product Type: Thyristors

Lifecycle: Active

General Description

The BZW50 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 5000 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:

5000 W (10/1000 μ s)

up to 60 kW (8/20 μ s)

5000 W (10/1000 μ s)

up to 60 kW (8/20 μ s)

Stand-off voltage range from 12 V to 180 V

Unidirectional and bidirectional types

Operating Tj max: 175 °C

High power capability at Tj max.: up to 3700 W (10/1000 μ s)

Lead finishing: matte tin plating

Recommended For You

BZW06-33

STMicroelectronics, Inc
DO-15

BZW04-28B

STMicroelectronics, Inc
DO-41

BZW50-15

STMicroelectronics, Inc
R-6

BZW50-15B

STMicroelectronics, Inc
R-6

BZW06-5V8

STMicroelectronics, Inc
DO-15

ESDLIN1524BJ

STMicroelectronics, Inc
SOD-323

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