

**Diode TVS Single Uni-Dir 5.8V 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 BZW06 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  $\mu$ 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  $\mu$ s)up to 4 kW (8/20  $\mu$ s)600 W (10/1000  $\mu$ s)up to 4 kW (8/20  $\mu$ s)

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  $\mu$ s)

Lead finishing: matte tin plating

**Recommended For You**

**BZW06-33**

STMicroelectronics, Inc  
DO-15

**BZW50-68**

STMicroelectronics, Inc  
R6

**BZW04-28B**

STMicroelectronics, Inc  
DO-41

**BZW50-15**

STMicroelectronics, Inc  
R-6

**BZW50-15B**

STMicroelectronics, Inc  
R-6

**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