

## TVS Diode Single Bi-Dir 33V 1.5KW 2-Pin SMC T/R

**Manufacturer:** [Diodes Inc](#)

**Package/Case:** DO-214AB

**Product Type:** Thyristors

**Lifecycle:** Active



Images are for reference only

[Inquiry](#)

### General Description

SMCJ33CA is a surface mount, unidirectional TVS (Transient Voltage Suppressor) diode. The SMCJ33CA is designed to provide protection against transient voltage spikes in electronic circuits. It is specifically used to clamp voltage surges and divert excessive current away from sensitive components, thereby safeguarding them from potential damage.

### Key Features

Peak pulse power:

1500 W (10/1000  $\mu$ s)

up to 10 kW (8/20  $\mu$ s)

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Stand-off voltage range from 5 V to 188 V

Unidirectional and bidirectional types

Low leakage current: 0.2  $\mu$ A at 25 °C

Operating Tj max: 150 °C

High power capability at Tj max.: up to 1250 W (10/1000  $\mu$ s)

Lead finishing: matte tin plating

### Recommended For You

**SMAJ48A-13-F**

Diodes Inc

SMA

**SMAJ16A-13-F**

Diodes Inc

SMA

**SMBJ10A-13-F**

Diodes Inc

DO-214AA

**SMBJ33CA-13-F**

Diodes Inc

SMB

**SMAJ13A-13-F**

Diodes Inc

SMA

**SMCJ33A-13-F**

Diodes Inc

SMC

**SMAJ33CA-13-F**

Diodes Inc

SMA

**SMCJ5.0CA-13-F**

Diodes Inc

SMC

**SMBJ28A-13-F**

Diodes Inc

SMB

**SMAJ28A-13-F**

Diodes Inc

SMA

**SMAJ6.0A-13-F**

Diodes Inc

SMA

**SMAJ28CA-13-F**

Diodes Inc

SMA

**SMAJ58A-13-F**

Diodes Inc

SMA

**SMCJ24A-13-F**

Diodes Inc

SMC

**SMBJ17CA-13-F**

Diodes Inc

SMB