

Diode TVS Single Uni-Dir 58V 400W 2-Pin SMA T/R

Manufacturer: [Bourns Electronic Solutions](#)

Package/Case: SMA

Product Type: Thyristors

Lifecycle: Active



Images are for reference only

[Inquiry](#)

General Description

The SMAJ58A is a surface mount transient voltage suppressor (TVS) diode. It is designed to protect sensitive electronic components from voltage spikes and transient overvoltage events. The "A" in the part number indicates that it has a nominal standoff voltage of 58V.

Key Features

Halogen-Free and RoHS compliant

For surface mounted applications in order to optimize board space

Low profile package

Built-in strain relief

Glass passivated junction

Low Inductance

Excellent clamping capability

Repetition Rate (duty cycle): 0.01%

Fast response time: typically less than 1.0ps from 0 Volts to V(BR) for unidirectional types.

Typical IR less than 1mA above 10V

High temperature soldering: 250 degrees C/10 seconds at terminals

Plastic package has Underwriters Laboratory Flammability 94V-O

Application

The SMAJ58A is widely used in various electronic circuits and systems to protect components such as integrated circuits (ICs), diodes, and other voltage-sensitive devices. It is commonly employed in applications such as power supplies, communications equipment, industrial control systems, automotive electronics, and more.

Recommended For You

SMF4L12A

Bourns Electronic Solutions

SOD-123FL

SMBJ6.0A

Bourns Electronic Solutions

SMB

SMBS36CA-Q

Bourns Electronic Solutions

DO-218

SMAJ170CA

Bourns Electronic Solutions

DO-214AC

SMLJ36CA

Bourns Electronic Solutions

DO-214AB

SMAJ7.0CA

Bourns Electronic Solutions

SMA

SMCJ60A

Bourns Electronic Solutions

DO-214AB

P6SMB440CA

Bourns Electronic Solutions

SMB

SMBJ15A

Bourns Electronic Solutions

SMB

5.0SMDJ12A

Bourns Electronic Solutions

SMC

1.5SMBJ14A

Bourns Electronic Solutions

SMB

1.5SMBJ30CA

Bourns Electronic Solutions

SMB

5.0SMDJ36A

Bourns Electronic Solutions

DO-214AB

5.0SMDJ26A-Q

Bourns Electronic Solutions

SMC

SMLJ110A

Bourns Electronic Solutions

DO-214AB