

TVS Diode Single Bi-Dir 12V 5KW 2-Pin SMC T/R

Manufacturer: [Littelfuse Inc](#)

Package/Case: DO-214AB

Product Type: Thyristors

Lifecycle: Active



Images are for reference only

[Inquiry](#)

General Description

The 5.0SMDJ series is designed specifically to protect sensitive electronic equipment from voltage transients induced by lightning and other transient voltage events.

Key Features

Halogen-Free

RoHS compliant

For surface mounted applications to optimize board space

Low profile package

Built-in strain relief

Typical maximum temperature coefficient $\Delta VBR = 0.1\% \times VBR@25^{\circ}C \times \Delta T$

Glass passivated chip junction 5000W peak pulse power capability at $10 \times 1000\mu s$ waveform, repetition rate (duty cycles): 0.01%

Fast response time: typically less than 1.0ps from 0V to BV min

Excellent clamping capability

Low incremental surge resistance

Typical IR less than $5\mu A$ above 22V

High Temperature soldering guaranteed: $260^{\circ}C/40$ seconds at terminals

Plastic package has Underwriters Laboratory Flammability 94V-O

Matte Tin Lead-free Plated



Recommended For You

SMBJ5.0A

Littelfuse Inc

SMB

SMAJ5.0A

Littelfuse Inc

DO-214AC

SA5.0A

Littelfuse Inc

DO-15

SMAJ5.0CA

Littelfuse Inc

SMA

SMCJ5.0A

Littelfuse Inc

SMC

5.0SMDJ28A

Littelfuse Inc

DO-214AB

5.0SMDJ33A

Littelfuse Inc

DO-214AB

5.0SMDJ45A

Littelfuse Inc

DO-214AB

5.0SMDJ14A

Littelfuse Inc

DO-214AB

5.0SMDJ70A

Littelfuse Inc

DO-214AB

5.0SMDJ45CA

Littelfuse Inc

DO-214AB

5.0SMDJ70CA

Littelfuse Inc

SMC

5.0SMDJ36CA

Littelfuse Inc

SMD

5.0SMDJ75A

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DO-214AB

5.0SMDJ33CA-T7

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