



## Hot Sell SMCJ100A TVS DIODE 100VWM 162VC DO214AB SMCJ100A

Our Product Introduction

### Basic Information

- Place of Origin: Shenzhen, Guangdong, China
- Brand Name: SOCAY
- Certification: UL, REACH, RoHS, ISO
- Model Number: SMCJ100A
- Minimum Order Quantity: 3000PCS
- Price: Negotiable
- Delivery Time: 5-8 work days
- Supply Ability: 1000000pcs



### Product Specification

- SMCJ100A Name: TVS Diodes
- Package Type: DO-214AB/SMC
- SMCJ100A V<sub>rw</sub>m: 100V
- V<sub>br</sub>@I<sub>t</sub> (Min.): 111V
- V<sub>br</sub>@I<sub>t</sub> (Max.): 123V
- SMCJ100A I<sub>t</sub>: 1mA
- SMCJ100A V<sub>c</sub>@I<sub>pp</sub>: 162V
- SMCJ100A I<sub>pp</sub>: 10.27A
- I<sub>r</sub>@V<sub>rw</sub>m: 1000μA
- Storage Temperature Range: -55 To +150

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## Product Description

Hot Sell SMCJ100A TVS DIODE 100VWM 162VC DO214AB SMCJ100A

DATASHEET: [SMDJ\\_v2107.1 .pdf](#)

TVS DIODE Electrical Characteristics ( $T_A=25$  unless otherwise noted) :

| TVS DIODE Part Number |           | TVS DIODE Marking |     | TVS DIODE Reverse Stand-Off Voltage VRWM (V) | TVS DIODE Breakdown Voltage VBR (V) @IT |        | TVS DIODE Test Current IT (mA) | Maximum Clamping Voltage VC @IPP (V) | Maximum Peak Pulse Current IPP (A) | Maximum Reverse Leakage IR @VRWM ( $\mu$ A) |
|-----------------------|-----------|-------------------|-----|----------------------------------------------|-----------------------------------------|--------|--------------------------------|--------------------------------------|------------------------------------|---------------------------------------------|
| Uni                   | Bi        | Uni               | Bi  |                                              | MIN                                     | MAX    |                                |                                      |                                    |                                             |
| SMCJ45A               | SMCJ45CA  | GFV               | BFV | 45.0                                         | 50.00                                   | 55.30  | 1                              | 72.7                                 | 20.63                              | 5                                           |
| SMCJ48A               | SMCJ48CA  | GFX               | BFX | 48.0                                         | 53.30                                   | 58.90  | 1                              | 77.4                                 | 19.38                              | 5                                           |
| SMCJ51A               | SMCJ51CA  | GFZ               | BFZ | 51.0                                         | 56.70                                   | 62.70  | 1                              | 82.4                                 | 18.20                              | 5                                           |
| SMCJ54A               | SMCJ54CA  | GGE               | BGE | 54.0                                         | 60.00                                   | 66.30  | 1                              | 87.1                                 | 17.22                              | 5                                           |
| SMCJ58A               | SMCJ58CA  | GGG               | BGG | 58.0                                         | 64.40                                   | 71.20  | 1                              | 93.6                                 | 16.03                              | 5                                           |
| SMCJ60A               | SMCJ60CA  | GGK               | BGK | 60.0                                         | 66.70                                   | 73.70  | 1                              | 96.8                                 | 15.50                              | 5                                           |
| SMCJ64A               | SMCJ64CA  | GGM               | BGM | 64.0                                         | 71.10                                   | 78.60  | 1                              | 103.0                                | 14.56                              | 5                                           |
| SMCJ70A               | SMCJ70CA  | GGP               | BGP | 70.0                                         | 77.80                                   | 86.00  | 1                              | 113.0                                | 13.27                              | 5                                           |
| SMCJ75A               | SMCJ75CA  | GGR               | BGR | 75.0                                         | 83.30                                   | 92.10  | 1                              | 121.0                                | 12.40                              | 5                                           |
| SMCJ78A               | SMCJ78CA  | GGT               | BGT | 78.0                                         | 86.70                                   | 95.80  | 1                              | 126.0                                | 11.90                              | 5                                           |
| SMCJ80A               | SMCJ80CA  | GGB               | BGB | 80.0                                         | 88.80                                   | 97.60  | 1                              | 129.6                                | 11.57                              | 5                                           |
| SMCJ85A               | SMCJ85CA  | GGV               | BGV | 85.0                                         | 94.40                                   | 104.00 | 1                              | 137.0                                | 10.95                              | 5                                           |
| SMCJ90A               | SMCJ90CA  | GGX               | BGX | 90.0                                         | 100.00                                  | 111.00 | 1                              | 146.0                                | 10.27                              | 5                                           |
| SMCJ100A              | SMCJ100CA | GGZ               | BGZ | 100.0                                        | 111.00                                  | 123.00 | 1                              | 162.0                                | 9.26                               | 5                                           |

Electrical Characteristics (T<sub>A</sub>=25°C unless otherwise noted)

| Part Number |           | Marking |     | Reverse Stand-Off Voltage V <sub>RSO</sub> (V) | Breakdown Voltage V <sub>BR</sub> (V) @I <sub>R</sub> |       | Test Current I <sub>R</sub> (mA) | Maximum Clamping Voltage V <sub>C</sub> @I <sub>RR</sub> (V) | Maximum Peak Pulse Current I <sub>PP</sub> (A) | Maximum Reverse Leakage I <sub>RS</sub> @V <sub>RSO</sub> (μA) |
|-------------|-----------|---------|-----|------------------------------------------------|-------------------------------------------------------|-------|----------------------------------|--------------------------------------------------------------|------------------------------------------------|----------------------------------------------------------------|
| Uni         | Bi        | Uni     | Bi  |                                                | MIN                                                   | MAX   |                                  |                                                              |                                                |                                                                |
| SMDJ5.0A    | SMDJ5.0CA | RDE     | DDE | 5.0                                            | 6.40                                                  | 7.00  | 10                               | 9.2                                                          | 326.09                                         | 1000                                                           |
| SMDJ6.0A    | SMDJ6.0CA | RDG     | DDG | 6.0                                            | 6.67                                                  | 7.37  | 10                               | 10.3                                                         | 291.26                                         | 1000                                                           |
| SMDJ6.5A    | SMDJ6.5CA | RDK     | DDK | 6.5                                            | 7.22                                                  | 7.98  | 10                               | 11.2                                                         | 267.86                                         | 500                                                            |
| SMDJ7.0A    | SMDJ7.0CA | PDM     | DDM | 7.0                                            | 7.78                                                  | 8.60  | 10                               | 12.0                                                         | 250.00                                         | 200                                                            |
| SMDJ7.5A    | SMDJ7.5CA | PDP     | DDP | 7.5                                            | 8.33                                                  | 9.21  | 1                                | 12.9                                                         | 232.56                                         | 100                                                            |
| SMDJ8.0A    | SMDJ8.0CA | PDR     | DDR | 8.0                                            | 8.89                                                  | 9.83  | 1                                | 13.6                                                         | 220.59                                         | 50                                                             |
| SMDJ8.5A    | SMDJ8.5CA | PDT     | DDT | 8.5                                            | 9.44                                                  | 10.40 | 1                                | 14.4                                                         | 208.33                                         | 25                                                             |
| SMDJ9.0A    | SMDJ9.0CA | PDV     | DDV | 9.0                                            | 10.00                                                 | 11.10 | 1                                | 15.4                                                         | 194.81                                         | 10                                                             |
| SMDJ10A     | SMDJ10CA  | PDX     | DDX | 10.0                                           | 11.10                                                 | 12.30 | 1                                | 17.0                                                         | 176.47                                         | 5                                                              |
| SMDJ11A     | SMDJ11CA  | PDZ     | DDZ | 11.0                                           | 12.20                                                 | 13.50 | 1                                | 18.2                                                         | 164.84                                         | 5                                                              |
| SMDJ12A     | SMDJ12CA  | PEE     | DEE | 12.0                                           | 13.30                                                 | 14.70 | 1                                | 19.9                                                         | 150.75                                         | 5                                                              |
| SMDJ13A     | SMDJ13CA  | PEG     | DEG | 13.0                                           | 14.40                                                 | 15.90 | 1                                | 21.5                                                         | 139.53                                         | 5                                                              |
| SMDJ14A     | SMDJ14CA  | PEK     | DEK | 14.0                                           | 15.60                                                 | 17.20 | 1                                | 23.2                                                         | 129.31                                         | 5                                                              |
| SMDJ15A     | SMDJ15CA  | PEM     | DEM | 15.0                                           | 16.70                                                 | 18.50 | 1                                | 24.4                                                         | 122.95                                         | 5                                                              |
| SMDJ16A     | SMDJ16CA  | PEP     | DEP | 16.0                                           | 17.80                                                 | 19.70 | 1                                | 26.0                                                         | 115.38                                         | 5                                                              |
| SMDJ17A     | SMDJ17CA  | PER     | DER | 17.0                                           | 18.90                                                 | 20.90 | 1                                | 27.6                                                         | 108.70                                         | 5                                                              |
| SMDJ18A     | SMDJ18CA  | PET     | DET | 18.0                                           | 20.00                                                 | 22.10 | 1                                | 29.2                                                         | 102.74                                         | 5                                                              |
| SMDJ19A     | SMDJ19CA  | PEB     | DEB | 19.0                                           | 21.10                                                 | 23.30 | 1                                | 30.8                                                         | 97.47                                          | 5                                                              |
| SMDJ20A     | SMDJ20CA  | PEV     | DEV | 20.0                                           | 22.20                                                 | 24.50 | 1                                | 32.4                                                         | 92.59                                          | 5                                                              |
| SMDJ22A     | SMDJ22CA  | PEX     | DEX | 22.0                                           | 24.40                                                 | 26.90 | 1                                | 35.5                                                         | 84.51                                          | 5                                                              |
| SMDJ24A     | SMDJ24CA  | PEZ     | DEZ | 24.0                                           | 26.70                                                 | 29.50 | 1                                | 38.9                                                         | 77.12                                          | 5                                                              |
| SMDJ26A     | SMDJ26CA  | PFE     | DFE | 26.0                                           | 28.90                                                 | 31.90 | 1                                | 42.1                                                         | 71.26                                          | 5                                                              |
| SMDJ28A     | SMDJ28CA  | PFG     | DFG | 28.0                                           | 31.10                                                 | 34.40 | 1                                | 45.4                                                         | 66.08                                          | 5                                                              |
| SMDJ30A     | SMDJ30CA  | PFK     | DFK | 30.0                                           | 33.30                                                 | 36.80 | 1                                | 48.4                                                         | 61.98                                          | 5                                                              |
| SMDJ33A     | SMDJ33CA  | PFM     | DFM | 33.0                                           | 36.70                                                 | 40.60 | 1                                | 53.3                                                         | 56.29                                          | 5                                                              |
| SMDJ36A     | SMDJ36CA  | PFP     | DFP | 36.0                                           | 40.00                                                 | 44.20 | 1                                | 58.1                                                         | 51.64                                          | 5                                                              |
| SMDJ40A     | SMDJ40CA  | PFR     | DFR | 40.0                                           | 44.40                                                 | 49.10 | 1                                | 64.5                                                         | 46.51                                          | 5                                                              |
| SMDJ43A     | SMDJ43CA  | PFT     | DFT | 43.0                                           | 47.80                                                 | 52.80 | 1                                | 69.4                                                         | 43.23                                          | 5                                                              |

| Part Number |           | Marking |     | Reverse Stand-Off Voltage V <sub>RSO</sub> (V) | Breakdown Voltage V <sub>BR</sub> (V) @I <sub>R</sub> |        | Test Current I <sub>R</sub> (mA) | Maximum Clamping Voltage V <sub>C</sub> @I <sub>RR</sub> (V) | Maximum Peak Pulse Current I <sub>PP</sub> (A) | Maximum Reverse Leakage I <sub>RS</sub> @V <sub>RSO</sub> (μA) |
|-------------|-----------|---------|-----|------------------------------------------------|-------------------------------------------------------|--------|----------------------------------|--------------------------------------------------------------|------------------------------------------------|----------------------------------------------------------------|
| Uni         | Bi        | Uni     | Bi  |                                                | MIN                                                   | MAX    |                                  |                                                              |                                                |                                                                |
| SMDJ45A     | SMDJ45CA  | PFV     | DFV | 45.0                                           | 50.00                                                 | 55.30  | 1                                | 72.7                                                         | 41.27                                          | 5                                                              |
| SMDJ48A     | SMDJ48CA  | PFX     | DFX | 48.0                                           | 53.30                                                 | 58.90  | 1                                | 77.4                                                         | 38.76                                          | 5                                                              |
| SMDJ51A     | SMDJ51CA  | PFZ     | DFZ | 51.0                                           | 56.70                                                 | 62.70  | 1                                | 82.4                                                         | 36.41                                          | 5                                                              |
| SMDJ54A     | SMDJ54CA  | RGE     | DGE | 54.0                                           | 60.00                                                 | 66.30  | 1                                | 87.1                                                         | 34.44                                          | 5                                                              |
| SMDJ58A     | SMDJ58CA  | PGG     | DGG | 58.0                                           | 64.40                                                 | 71.20  | 1                                | 93.6                                                         | 32.05                                          | 5                                                              |
| SMDJ60A     | SMDJ60CA  | PGK     | DGK | 60.0                                           | 66.70                                                 | 73.70  | 1                                | 96.8                                                         | 30.99                                          | 5                                                              |
| SMDJ64A     | SMDJ64CA  | PGM     | DGM | 64.0                                           | 71.10                                                 | 78.60  | 1                                | 103.0                                                        | 29.13                                          | 5                                                              |
| SMDJ70A     | SMDJ70CA  | PGP     | DGP | 70.0                                           | 77.80                                                 | 86.00  | 1                                | 113.0                                                        | 26.55                                          | 5                                                              |
| SMDJ75A     | SMDJ75CA  | PGR     | DGR | 75.0                                           | 83.30                                                 | 92.10  | 1                                | 121.0                                                        | 24.79                                          | 5                                                              |
| SMDJ78A     | SMDJ78CA  | PGT     | DGT | 78.0                                           | 86.70                                                 | 95.80  | 1                                | 126.0                                                        | 23.81                                          | 5                                                              |
| SMDJ80A     | SMDJ80CA  | PGB     | DGB | 80.0                                           | 88.80                                                 | 97.60  | 1                                | 129.6                                                        | 23.15                                          | 5                                                              |
| SMDJ85A     | SMDJ85CA  | PGV     | DGV | 85.0                                           | 94.40                                                 | 104.00 | 1                                | 137.0                                                        | 21.90                                          | 5                                                              |
| SMDJ90A     | SMDJ90CA  | PGX     | DGX | 90.0                                           | 100.00                                                | 111.00 | 1                                | 146.0                                                        | 20.55                                          | 5                                                              |
| SMDJ100A    | SMDJ100CA | PGZ     | DGZ | 100.0                                          | 111.00                                                | 123.00 | 1                                | 162.0                                                        | 18.52                                          | 5                                                              |
| SMDJ110A    | SMDJ110CA | PHE     | DHE | 110.0                                          | 122.00                                                | 135.00 | 1                                | 177.0                                                        | 16.95                                          | 5                                                              |
| SMDJ120A    | SMDJ120CA | PHG     | DHG | 120.0                                          | 133.00                                                | 147.00 | 1                                | 193.0                                                        | 15.54                                          | 5                                                              |
| SMDJ130A    | SMDJ130CA | PHK     | DHK | 130.0                                          | 144.00                                                | 159.00 | 1                                | 209.0                                                        | 14.35                                          | 5                                                              |
| SMDJ140A    | SMDJ140CA | PHB     | DHB | 140.0                                          | 155.00                                                | 171.00 | 1                                | 226.8                                                        | 13.23                                          | 5                                                              |
| SMDJ150A    | SMDJ150CA | PHM     | DHM | 150.0                                          | 167.00                                                | 185.00 | 1                                | 243.0                                                        | 12.35                                          | 5                                                              |
| SMDJ160A    | SMDJ160CA | PHP     | DHP | 160.0                                          | 178.00                                                | 197.00 | 1                                | 259.0                                                        | 11.58                                          | 5                                                              |
| SMDJ170A    | SMDJ170CA | PHR     | DHR | 170.0                                          | 189.00                                                | 209.00 | 1                                | 275.0                                                        | 10.91                                          | 5                                                              |
| SMDJ180A    | SMDJ180CA | PHT     | DHT | 180.0                                          | 201.00                                                | 220.00 | 1                                | 291.6                                                        | 10.29                                          | 5                                                              |
| SMDJ190A    | SMDJ190CA | PHV     | DHV | 190.0                                          | 211.00                                                | 232.00 | 1                                | 307.8                                                        | 9.75                                           | 5                                                              |
| SMDJ200A    | SMDJ200CA | PHW     | DHW | 200.0                                          | 224.00                                                | 247.00 | 1                                | 324.0                                                        | 9.26                                           | 5                                                              |
| SMDJ220A    | SMDJ220CA | PHX     | DHX | 220.0                                          | 246.00                                                | 272.00 | 1                                | 356.0                                                        | 8.43                                           | 5                                                              |
| SMDJ250A    | SMDJ250CA | PHZ     | DHZ | 250.0                                          | 279.00                                                | 309.00 | 1                                | 405.0                                                        | 7.41                                           | 5                                                              |
| SMDJ300A    | SMDJ300CA | PJE     | DJE | 300.0                                          | 335.00                                                | 371.00 | 1                                | 486.0                                                        | 6.17                                           | 5                                                              |
| SMDJ350A    | SMDJ350CA | PJG     | DJG | 350.0                                          | 391.00                                                | 432.00 | 1                                | 567.0                                                        | 5.29                                           | 5                                                              |
| SMDJ400A    | SMDJ400CA | PJK     | DJK | 400.0                                          | 447.00                                                | 494.00 | 1                                | 648.0                                                        | 4.63                                           | 5                                                              |
| SMDJ440A    | SMDJ440CA | PJM     | DJM | 440.0                                          | 492.00                                                | 543.00 | 1                                | 713.0                                                        | 4.21                                           | 5                                                              |

Note:

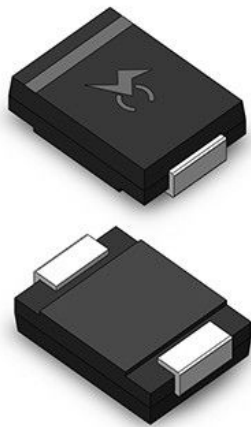
1. Suffix 'A' denotes 5% tolerance device.
2. Add suffix 'CA' after part number to specify Bi-directional devices.
3. For Bi-Directional devices having V<sub>BR</sub> of 10 volts and under, the I<sub>RS</sub> limit is double.

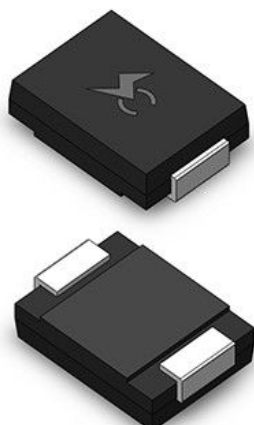
## Description

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

## Features

- ◆ For surface mounted applications in order to optimize board space
- ◆ Low leakage
- ◆ Uni and Bidirectional unit
- ◆ Glass passivated junction
- ◆ Low inductance
- ◆ Excellent clamping capability
- ◆ 3000W Peak power capability at  $10 \times 1000\mu\text{s}$  wave form Repetition rate (duty cycle):0.01%
- ◆ Fast response time: typically less than 1.0ps from 0 Volts to  $V_{BR\min}$
- ◆ Typical  $I_R$  less than 5 $\mu\text{A}$  above 12V.
- ◆ High Temperature soldering: 260°C/40 seconds at terminals
- ◆ Typical maximum temperature coefficient  $\Delta V_{BR} = 0.1\% \times V_{BR@25^\circ\text{C}} \times \Delta T$
- ◆ Plastic package has Underwriters Laboratory Flammability 94V-0
- ◆ Matte tin lead-free Plated
- ◆ Halogen free and RoHS compliant
- ◆ Typical failure mode is short from over-specified voltage or current
- ◆ Whisker test is conducted based on JEDEC JESD201A per its table 4a and 4c
- ◆ IEC-61000-4-2 ESD 15kV(Air), 8kV (Contact)
- ◆ ESD protection of data lines in accordance with IEC 61000-4-2 (IEC801-2)
- ◆ EFT protection of data lines in accordance with IEC 61000-4-4 (IEC801-4)

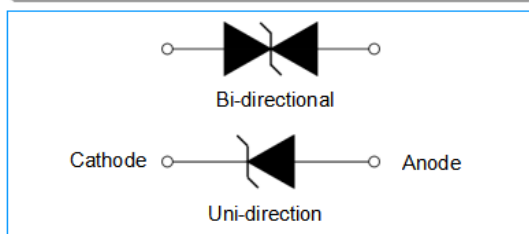




## Applications

TVS devices are ideal for the protection of I/O interfaces, V<sub>CC</sub> bus and other vulnerable circuits used in Telecom, Computer, Industrial and Consumer electronic applications.

## Functional Diagram



## Maximum Ratings (T<sub>A</sub>=25°C unless otherwise noted)

| Parameter                                                                        | Symbol                            | Value          | Unit    |
|----------------------------------------------------------------------------------|-----------------------------------|----------------|---------|
| Peak Pulse Power Dissipation with a 10/1000µs waveform (Fig.1)(Note 1), (Note 2) | P <sub>PPM</sub>                  | 3000           | Watts   |
| Peak Pulse Current with a 10/1000µs waveform.(Note1, Fig.3)                      | I <sub>PP</sub>                   | See Next Table | Amps    |
| Power Dissipation on Infinite Heat Sink at T <sub>C</sub> =75°C                  | P <sub>MAV</sub>                  | 6.0            | Watt    |
| Peak Forward Surge Current, 8.3ms Single Half Sine Wave (Note 3)                 | I <sub>FSM</sub>                  | 300            | Amps    |
| Maximum Instantaneous Forward Voltage at 25A for Unidirectional Only (Note 4)    | V <sub>F</sub>                    | 3.5/5.0        | Voltage |
| Operating junction and Storage Temperature Range.                                | T <sub>J</sub> , T <sub>STG</sub> | -55 to +150    | °C      |

### Notes:

1. Non-repetitive current pulse, per Fig. 3 and derated above T<sub>A</sub> = 25°C per Fig.2.
2. Mounted on 5.0mmx 5.0mm(0.03mmthick) Copper Pads to each terminal.
3. 8.3ms single half sine-wave, or equivalent square wave, Duty cycle = 4 pulses per minutes maximum.
4. V<sub>F</sub> < 3.5V for V<sub>BR</sub> < 200V and V<sub>F</sub> < 6.5V for V<sub>BR</sub> > 201V.

## Ratings and Characteristic Curves ( $T_A=25^\circ\text{C}$ unless otherwise noted)

Figure 1 - Peak Pulse Power Rating Curve

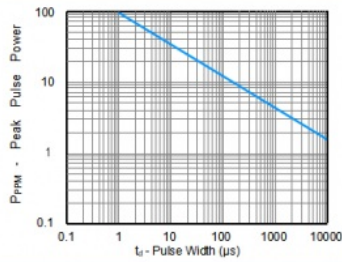


Figure 2 - Pulse Derating Curve

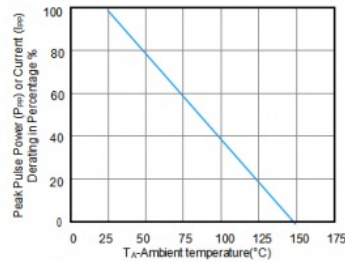


Figure 3 - Pulse Waveform

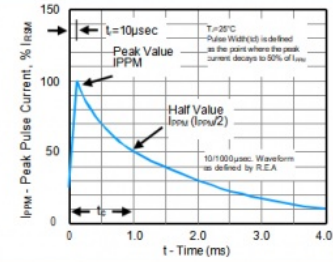


Figure 4 - Typical Junction Capacitance

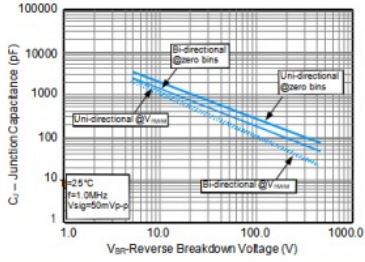


Figure 5 - Steady State Power Derating Curve

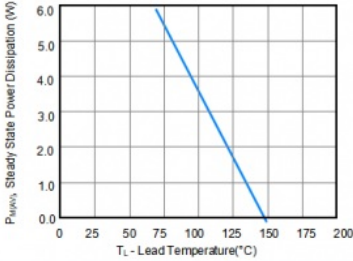
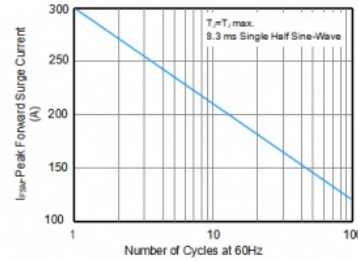
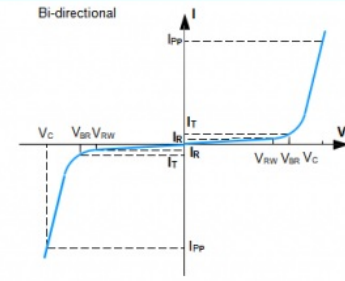
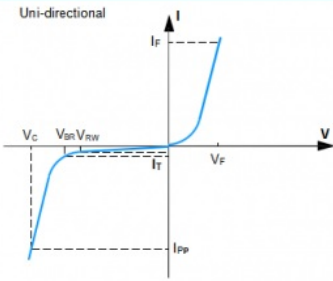


Figure 6 - Maximum Non-Repetitive Surge Current



## I-V Curve Characteristics



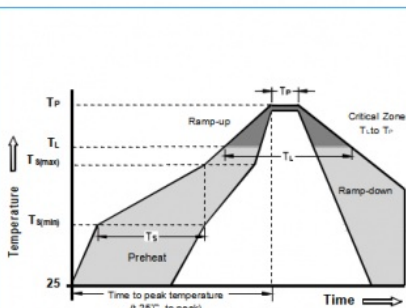
## Physical Specifications

|          |                                                              |
|----------|--------------------------------------------------------------|
| Weight   | 0.007 ounce, 0.21 gram                                       |
| Case     | JEDEC DO-214AB Molded Plastic over glass passivated junction |
| Polarity | Color band denotes cathode except Bipolar                    |
| Terminal | Matte Tin-plated leads, Solderable per JESD22-B102D          |

## Environmental Specifications

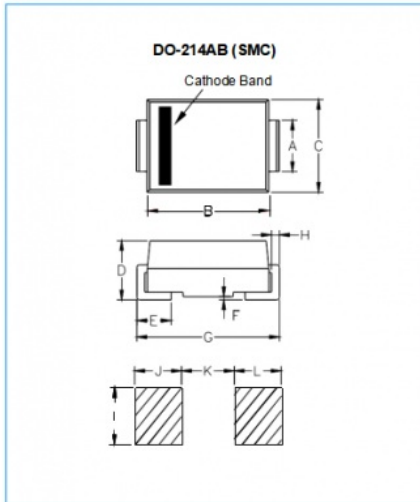
|                    |             |
|--------------------|-------------|
| Temperature Cycle  | JESD22-A104 |
| Pressure Cooker    | JESD22-A102 |
| High Temp. Storage | JESD22-A103 |
| HTRB               | JESD22-A108 |
| Thermal Shock      | JESD22-A106 |

## Soldering Parameters



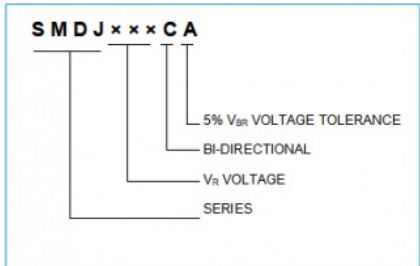
| Reflow Condition                                     |                                   | Lead-free assembly |
|------------------------------------------------------|-----------------------------------|--------------------|
| Pre Heat                                             | -Temperature Min ( $T_{S(min)}$ ) | 150°C              |
|                                                      | -Temperature Max ( $T_{S(max)}$ ) | 200°C              |
|                                                      | -Time (min to max) ( $T_S$ )      | 60 - 180 Seconds   |
| Average ramp up rate (Liquidus Temp $T_L$ ) to peak  |                                   | 3°C/second max     |
| $T_{S(max)}$ to $T_L$ - Ramp-up Rate                 |                                   | 3°C/second max     |
| Reflow                                               | -Temperature ( $T_L$ ) (Liquidus) | 217°C              |
|                                                      | -Time (min to max) ( $T_L$ )      | 60 - 150 Seconds   |
| Peak Temperature ( $T_P$ )                           |                                   | 260 ±0/-5°C        |
| Time within 5°C of actual peak Temperature ( $t_P$ ) |                                   | 20 - 40 Seconds    |
| Ramp-down Rate                                       |                                   | 6°C/second max     |
| Time 25°C to peak Temperature ( $T_P$ )              |                                   | 8 minutes Max      |
| Do not exceed                                        |                                   | 280°C              |

## Dimensions

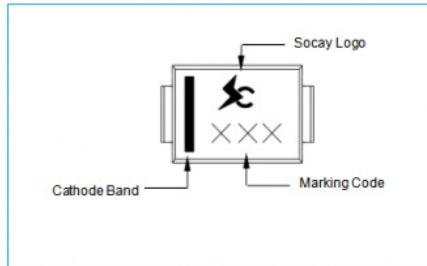


| Dimensions | Inches |       | Millimeters |       |
|------------|--------|-------|-------------|-------|
|            | Min    | Max   | Min         | Max   |
| A          | 0.108  | 0.126 | 2.750       | 3.200 |
| B          | 0.260  | 0.280 | 6.520       | 7.110 |
| C          | 0.217  | 0.244 | 5.520       | 6.220 |
| D          | 0.080  | 0.112 | 2.050       | 2.850 |
| E          | 0.030  | 0.060 | 0.750       | 1.520 |
| F          | -      | 0.008 | -           | 0.203 |
| G          | 0.305  | 0.320 | 7.640       | 8.130 |
| H          | 0.006  | 0.012 | 0.150       | 0.310 |
| I          | 0.121  | -     | 3.070       | -     |
| J          | 0.068  | -     | 1.715       | -     |
| K          | -      | 0.185 | -           | 4.690 |
| L          | 0.068  | -     | 1.715       | -     |

## Part Numbering



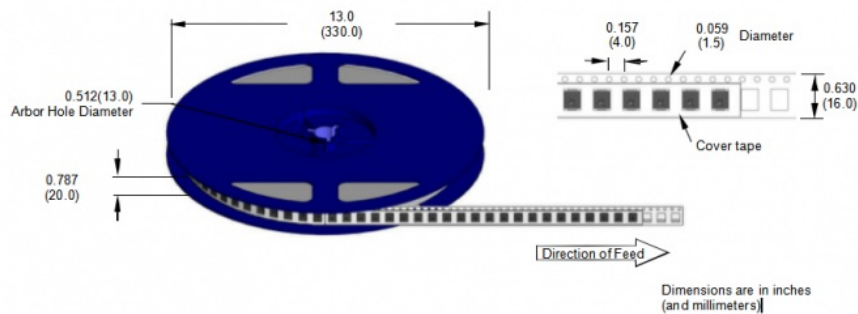
## Part Marking



## Packaging

| Part Number | Component Package | Reel (pcs) | Per Carton (pcs) | Packaging Option          | Reel Diameters (mm) |
|-------------|-------------------|------------|------------------|---------------------------|---------------------|
| SMDJXXXXX   | DO-214AB (SMC)    | 3000       | 48000            | Tape & Reel -20mm/13*tape | 330.0               |

## Tape and Reel Specifications



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