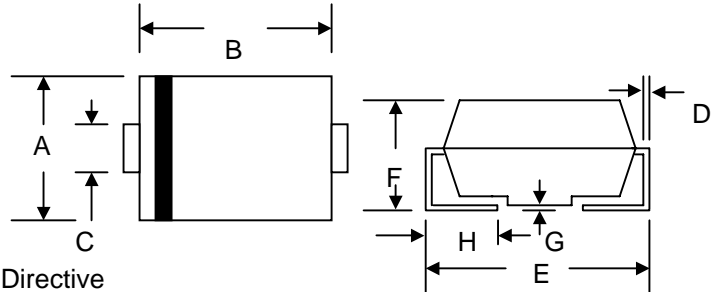


Data Sheet 5004, Rev.-

Green Products

Features

- Glass Passivated Die Construction
- 600W Peak Pulse Power Dissipation
- 5.0V – 170V Standoff Voltage
- Uni- and Bi-Directional Versions Available
- Excellent Clamping Capability
- Fast Response Time
- Plastic Case Material has UL Flammability Classification Rating 94V-O
- UL Recognized File # E224235
- Green Products in Compliance with the RoHS Directive



Mechanical Data

- Case: JEDEC DO-214AA Low Profile Molded Plastic
- Terminals: Solder Plated, Solderable per MIL-STD-750, Method 2026
- Polarity: Cathode Band or Cathode Notch
- Marking:
Unidirectional – Device Code and Cathode Band
Bidirectional – Device Code Only
- Weight: 0.093 grams (approx.)

| SMB/DO-214AA | | | | |
|--------------|-------|-------|-------|---------|
| Dim | Min | Max | Min | Max |
| A | 3.30 | 3.94 | 0.130 | 0.155 |
| B | 4.06 | 4.70 | 0.160 | 0.185 |
| C | 1.91 | 2.11 | 0.075 | 0.083 |
| D | 0.152 | 0.305 | 0.006 | 0.012 |
| E | 5.08 | 5.59 | 0.2 | 0.220 |
| F | 2.13 | 2.44 | 0.084 | 0.096 |
| G | 0.051 | 0.203 | 0.002 | 0.008 |
| H | 0.76 | 1.27 | 0.029 | 0.05 |
| | | in mm | | In inch |

"C" Suffix Designates Bi-directional Devices
"A" Suffix Designates 5% Tolerance Devices
No Suffix Designates 10% Tolerance Devices

Maximum Ratings and Electrical Characteristics @ $T_A=25^{\circ}\text{C}$ unless otherwise specified

| Characteristic | Symbol | Value | Unit |
|--|----------------|-------------|--------------------|
| Peak Pulse Power Dissipation 10/1000 μS Waveform (Note 1, 2) Figure 1 | PPPM | 600 Minimum | W |
| Peak Pulse Current on 10/1000 μS Waveform (Note 1) Figure 3 | IPPM | See Table 1 | A |
| Peak Forward Surge Current 8.3ms Single Half Sine-Wave Superimposed on Rated Load (JEDEC Method) (Note 2, 3) | IFSM | 100 | A |
| Operating and Storage Temperature Range | T_j, T_{STG} | -55 to +150 | $^{\circ}\text{C}$ |

- Note: 1. Non-repetitive current pulse, per Figure 3 and derated above $T_A = 25^{\circ}\text{C}$ per Figure 2
2. Mounted on 5.0mm²(0.013mm thick) land areas
3. Measured on 8.3ms single half sine-wave or equivalent square wave, duty cycle = 4 pulses per minutes maximum

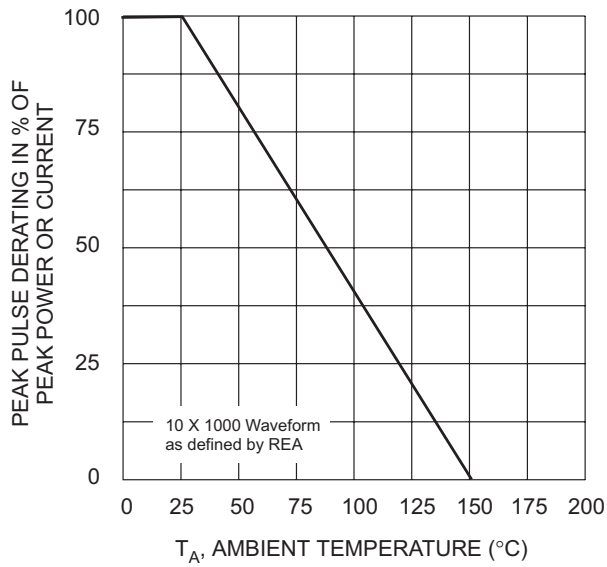


Fig. 1 Pulse Derating Curve

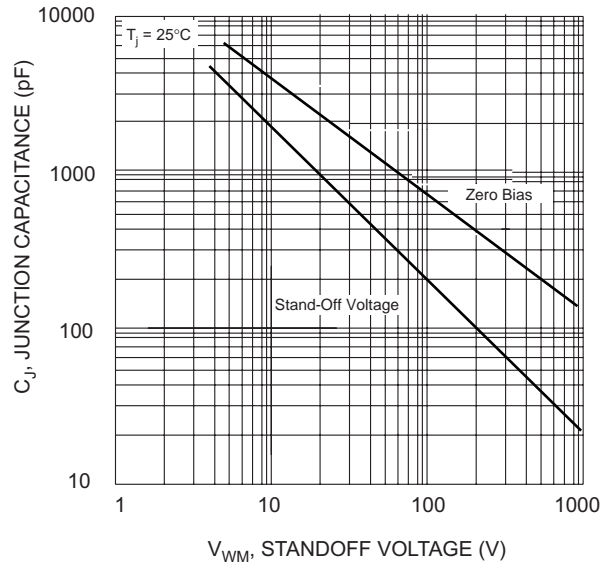


Fig. 2 Typical Junction Capacitance

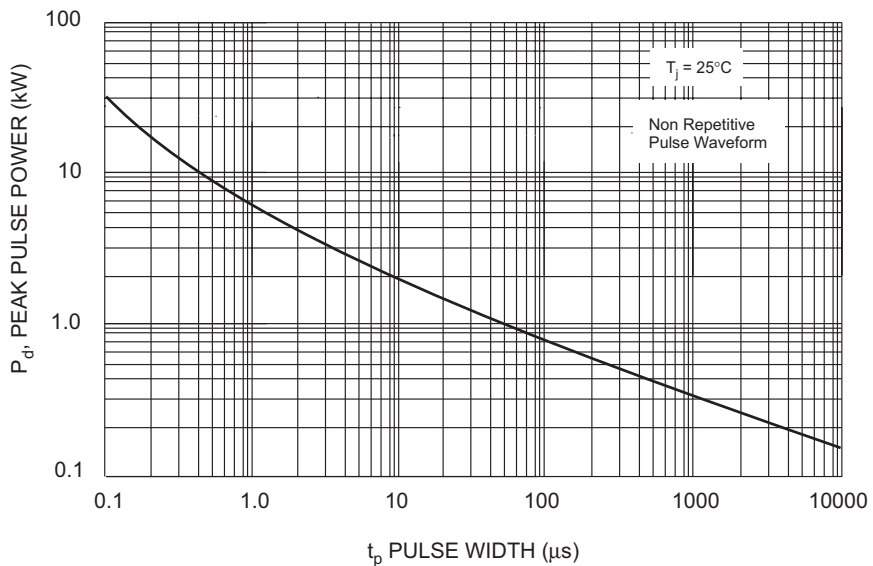


Fig. 3 Pulse Rating Curve

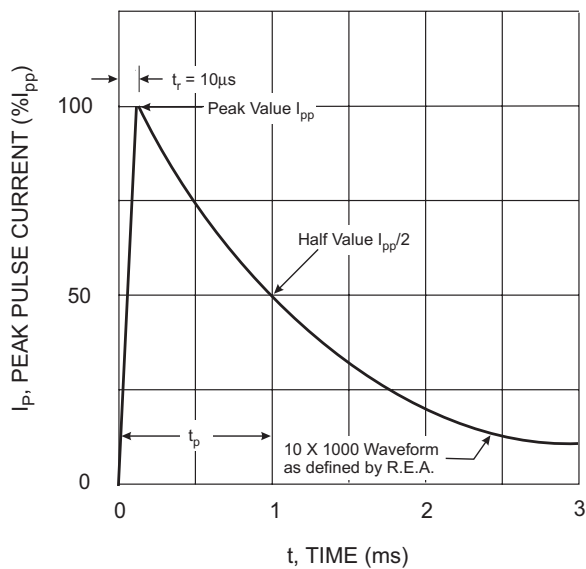


Fig. 4 Pulse Waveform

UNI-DIRECTIONAL 600 WATT SURFACE MOUNT TVS

| UNI-DIRECTIONAL PART NO. | DEVICE MARKING CODE | REVERSE STAND-OFF VOLTAGE VRWM (V) | BREAKDOWN VOLTAGE VBR (V) MIN. @IT | BREAKDOWN VOLTAGE VBR (V) MAX. @IT | TEST CURRENT IT (mA) | MAXIMUM CLAMPING VOLTAGE @Ipp Vc (V) | PEAK PULSE CURRENT Ipp (A) | REVERSE LEAKAGE @VRWM IR (uA) |
|--------------------------|---------------------|------------------------------------|------------------------------------|------------------------------------|----------------------|--------------------------------------|----------------------------|-------------------------------|
| SMBJ5.0-G | KD | 5.00 | 6.40 | 7.55 | 10 | 9.6 | 62.5 | 800 |
| SMBJ5.0A-G | KE | 5.00 | 6.40 | 7.25 | 10 | 9.2 | 65.2 | 800 |
| SMBJ6.0-G | KF | 6.00 | 6.67 | 8.45 | 10 | 11.4 | 52.6 | 800 |
| SMBJ6.0A-G | KG | 6.00 | 6.67 | 7.67 | 10 | 10.3 | 58.3 | 800 |
| SMBJ6.5-G | KH | 6.50 | 7.22 | 9.14 | 10 | 12.3 | 48.7 | 500 |
| SMBJ6.5A-G | KK | 6.50 | 7.22 | 8.30 | 10 | 11.2 | 53.6 | 500 |
| SMBJ7.0-G | KL | 7.00 | 7.78 | 9.86 | 10 | 13.3 | 45.1 | 200 |
| SMBJ7.0A-G | KM | 7.00 | 7.78 | 8.95 | 10 | 12.0 | 50.0 | 200 |
| SMBJ7.5-G | KN | 7.50 | 8.33 | 10.67 | 1 | 14.3 | 42.0 | 100 |
| SMBJ7.5A-G | KP | 7.50 | 8.33 | 9.58 | 1 | 12.9 | 46.5 | 100 |
| SMBJ8.0-G | KQ | 8.00 | 8.99 | 11.30 | 1 | 15.0 | 40.0 | 50 |
| SMBJ8.0A-G | KR | 8.00 | 8.99 | 10.23 | 1 | 13.6 | 44.1 | 50 |
| SMBJ8.5-G | KS | 8.50 | 9.44 | 11.92 | 1 | 15.9 | 37.7 | 10 |
| SMBJ8.5A-G | KT | 8.50 | 9.44 | 10.82 | 1 | 14.4 | 41.7 | 10 |
| SMBJ9.0-G | KU | 9.00 | 10.00 | 12.60 | 1 | 16.9 | 35.5 | 5 |
| SMBJ9.0A-G | KV | 9.00 | 10.00 | 11.50 | 1 | 15.4 | 39.0 | 5 |
| SMBJ10-G | KW | 10.00 | 11.10 | 14.10 | 1 | 18.8 | 31.9 | 5 |
| SMBJ10A-G | KX | 10.00 | 11.10 | 12.80 | 1 | 17.0 | 35.3 | 5 |
| SMBJ11-G | KY | 11.00 | 12.20 | 15.40 | 1 | 20.1 | 29.9 | 5 |
| SMBJ11A-G | KZ | 11.00 | 12.20 | 14.00 | 1 | 18.2 | 33.0 | 5 |
| SMBJ12-G | LD | 12.00 | 13.30 | 16.90 | 1 | 22.0 | 27.3 | 5 |
| SMBJ12A-G | LE | 12.00 | 13.30 | 15.30 | 1 | 19.9 | 30.2 | 5 |
| SMBJ13-G | LF | 13.00 | 14.40 | 18.20 | 1 | 23.8 | 25.2 | 5 |
| SMBJ13A-G | LG | 13.00 | 14.40 | 16.50 | 1 | 21.5 | 27.9 | 5 |
| SMBJ14-G | LH | 14.00 | 15.60 | 19.80 | 1 | 25.8 | 23.3 | 5 |
| SMBJ14A-G | LK | 14.00 | 15.60 | 17.90 | 1 | 23.2 | 25.8 | 5 |
| SMBJ15-G | LL | 15.00 | 16.70 | 21.10 | 1 | 26.9 | 22.3 | 5 |
| SMBJ15A-G | LM | 15.00 | 16.70 | 19.20 | 1 | 24.4 | 24.0 | 5 |
| SMBJ16-G | LN | 16.00 | 17.80 | 22.60 | 1 | 28.8 | 20.8 | 5 |
| SMBJ16A-G | LP | 16.00 | 17.80 | 20.50 | 1 | 26.0 | 23.1 | 5 |
| SMBJ17-G | LQ | 17.00 | 18.90 | 23.90 | 1 | 30.5 | 19.7 | 5 |
| SMBJ17A-G | LR | 17.00 | 18.90 | 21.70 | 1 | 27.6 | 21.7 | 5 |
| SMBJ18-G | LS | 18.00 | 20.00 | 25.30 | 1 | 32.2 | 18.6 | 5 |
| SMBJ18A-G | LT | 18.00 | 20.00 | 23.30 | 1 | 29.2 | 20.5 | 5 |
| SMBJ20-G | LU | 20.00 | 22.20 | 28.10 | 1 | 35.8 | 16.7 | 5 |
| SMBJ20A-G | LV | 20.00 | 22.20 | 25.50 | 1 | 32.4 | 18.5 | 5 |
| SMBJ22-G | LW | 22.00 | 24.40 | 30.90 | 1 | 39.4 | 15.2 | 5 |
| SMBJ22A-G | LX | 22.00 | 24.40 | 28.00 | 1 | 35.5 | 16.9 | 5 |
| SMBJ24-G | LY | 24.00 | 26.70 | 33.80 | 1 | 43.0 | 14.0 | 5 |
| SMBJ24A-G | LZ | 24.00 | 26.70 | 30.70 | 1 | 38.9 | 15.4 | 5 |
| SMBJ26-G | MD | 26.00 | 28.90 | 36.60 | 1 | 46.6 | 12.4 | 5 |
| SMBJ26A-G | ME | 26.00 | 28.90 | 33.20 | 1 | 42.1 | 14.2 | 5 |
| SMBJ28-G | MF | 28.00 | 31.10 | 39.40 | 1 | 50.0 | 12.0 | 5 |
| SMBJ28A-G | MG | 28.00 | 31.10 | 35.80 | 1 | 45.4 | 13.2 | 5 |
| SMBJ30-G | MH | 30.00 | 33.30 | 42.20 | 1 | 53.5 | 11.2 | 5 |
| SMBJ30A-G | MK | 30.00 | 33.30 | 38.30 | 1 | 48.4 | 12.4 | 5 |
| SMBJ33-G | ML | 33.00 | 36.70 | 46.50 | 1 | 59.0 | 10.2 | 5 |
| SMBJ33A-G | MM | 33.00 | 36.70 | 42.20 | 1 | 53.3 | 13.2 | 5 |
| SMBJ36-G | MN | 36.00 | 40.00 | 50.70 | 1 | 64.3 | 9.3 | 5 |
| SMBJ36A-G | MP | 36.00 | 40.00 | 46.00 | 1 | 58.1 | 10.3 | 5 |
| SMBJ40-G | MQ | 40.00 | 44.40 | 56.30 | 1 | 71.4 | 8.4 | 5 |
| SMBJ40A-G | MR | 40.00 | 44.40 | 51.10 | 1 | 64.5 | 9.3 | 5 |
| SMBJ43-G | MS | 43.00 | 47.80 | 60.50 | 1 | 76.7 | 7.8 | 5 |
| SMBJ43A-G | MT | 43.00 | 47.80 | 54.90 | 1 | 69.4 | 8.6 | 5 |
| SMBJ45-G | MU | 45.00 | 50.00 | 63.30 | 1 | 80.3 | 7.5 | 5 |
| SMBJ45A-G | MV | 45.00 | 50.00 | 57.50 | 1 | 72.7 | 8.3 | 5 |
| SMBJ48-G | MW | 48.00 | 53.30 | 67.50 | 1 | 85.5 | 7.0 | 5 |
| SMBJ48A-G | MX | 48.00 | 53.30 | 61.30 | 1 | 77.4 | 7.7 | 5 |
| SMBJ51-G | MY | 51.00 | 56.70 | 71.80 | 1 | 91.1 | 6.6 | 5 |
| SMBJ51A-G | MZ | 51.00 | 56.70 | 65.20 | 1 | 82.4 | 7.3 | 5 |
| SMBJ54-G | ND | 54.00 | 60.00 | 76.00 | 1 | 96.3 | 6.2 | 5 |
| SMBJ54A-G | NE | 54.00 | 60.00 | 69.00 | 1 | 87.1 | 6.9 | 5 |
| SMBJ58-G | NF | 58.00 | 64.40 | 81.60 | 1 | 103.0 | 5.8 | 5 |
| SMBJ58A-G | NG | 58.00 | 64.40 | 74.10 | 1 | 93.6 | 6.4 | 5 |
| SMBJ60-G | NH | 60.00 | 66.70 | 84.50 | 1 | 107.0 | 5.6 | 5 |
| SMBJ60A-G | NK | 60.00 | 66.70 | 76.70 | 1 | 96.8 | 6.2 | 5 |
| SMBJ64-G | NL | 64.00 | 71.10 | 90.10 | 1 | 114.0 | 5.3 | 5 |
| SMBJ64A-G | NM | 64.00 | 71.10 | 81.80 | 1 | 103.0 | 5.8 | 5 |
| SMBJ70-G | NN | 70.00 | 77.80 | 98.60 | 1 | 125.0 | 4.8 | 5 |
| SMBJ70A-G | NP | 70.00 | 77.80 | 89.50 | 1 | 113.0 | 5.3 | 5 |
| SMBJ75-G | NQ | 75.00 | 83.30 | 105.70 | 1 | 134.0 | 4.5 | 5 |
| SMBJ75A-G | NR | 75.00 | 83.30 | 95.80 | 1 | 121.0 | 4.9 | 5 |
| SMBJ78-G | NS | 78.00 | 86.70 | 109.80 | 1 | 139.0 | 4.3 | 5 |
| SMBJ78A-G | NT | 78.00 | 86.70 | 99.70 | 1 | 126.0 | 4.7 | 5 |
| SMBJ85-G | NU | 85.00 | 94.40 | 119.20 | 1 | 151.0 | 3.9 | 5 |
| SMBJ85A-G | NV | 85.00 | 94.40 | 108.20 | 1 | 137.0 | 4.4 | 5 |
| SMBJ90-G | NW | 90.00 | 100.00 | 126.50 | 1 | 160.0 | 3.8 | 5 |
| SMBJ90A-G | NX | 90.00 | 100.00 | 115.50 | 1 | 146.0 | 4.1 | 5 |
| SMBJ100-G | NY | 100.00 | 111.00 | 141.00 | 1 | 179.0 | 3.4 | 5 |
| SMBJ100A-G | NZ | 100.00 | 111.00 | 128.00 | 1 | 162.0 | 3.7 | 5 |
| SMBJ110-G | PD | 110.00 | 122.00 | 154.50 | 1 | 196.0 | 3.0 | 5 |
| SMBJ110A-G | PE | 110.00 | 122.00 | 140.50 | 1 | 177.0 | 3.4 | 5 |
| SMBJ120-G | PF | 120.00 | 133.00 | 169.00 | 1 | 214.0 | 2.8 | 5 |
| SMBJ120A-G | PG | 120.00 | 133.00 | 153.00 | 1 | 193.0 | 3.1 | 5 |
| SMBJ130-G | PH | 130.00 | 144.00 | 182.50 | 1 | 231.0 | 2.6 | 5 |
| SMBJ130A-G | PK | 130.00 | 144.00 | 165.50 | 1 | 209.0 | 2.9 | 5 |
| SMBJ150-G | PL | 150.00 | 167.00 | 211.50 | 1 | 269.0 | 2.2 | 5 |
| SMBJ150A-G | PM | 150.00 | 167.00 | 192.50 | 1 | 243.0 | 2.5 | 5 |
| SMBJ160-G | PN | 160.00 | 178.00 | 226.00 | 1 | 287.0 | 2.1 | 5 |
| SMBJ160A-G | PP | 160.00 | 178.00 | 205.00 | 1 | 259.0 | 2.3 | 5 |
| SMBJ170-G | PQ | 170.00 | 189.00 | 239.50 | 1 | 304.0 | 2.0 | 5 |
| SMBJ170A-G | PR | 170.00 | 189.00 | 217.50 | 1 | 275.0 | 2.2 | 5 |

BI-DIRECTIONAL 600 WATT SURFACE MOUNT TVS

| BI-DIRECTIONAL PART NO. | DEVICE MARKING CODE | REVERSE STAND-OFF VOLTAGE VRWM (V) | BREAKDOWN VOLTAGE VBR (V) MIN. @IT | BREAKDOWN VOLTAGE VBR (V) MAX. @IT | TEST CURRENT IT (mA) | MAXIMUM CLAMPING VOLTAGE @Ipp Vc (V) | PEAK PULSE CURRENT Ipp (A) | REVERSE LEAKAGE @VRWM IR (uA) |
|-------------------------|---------------------|------------------------------------|------------------------------------|------------------------------------|----------------------|--------------------------------------|----------------------------|-------------------------------|
| SMBJ5.0C-G | AD | 5.00 | 6.40 | 7.55 | 10 | 9.6 | 62.5 | 1600 |
| SMBJ5.0CA-G | AE | 5.00 | 6.40 | 7.25 | 10 | 9.2 | 65.2 | 1600 |
| SMBJ6.0C-G | AF | 6.00 | 6.67 | 8.45 | 10 | 11.4 | 52.6 | 1600 |
| SMBJ6.0CA-G | AG | 6.00 | 6.67 | 7.67 | 10 | 10.3 | 58.3 | 1600 |
| SMBJ6.5C-G | AH | 6.50 | 7.22 | 9.14 | 10 | 12.3 | 48.7 | 1000 |
| SMBJ6.5CA-G | AK | 6.50 | 7.22 | 8.30 | 10 | 11.2 | 53.6 | 1000 |
| SMBJ7.0C-G | AL | 7.00 | 7.78 | 9.86 | 10 | 13.3 | 45.1 | 400 |
| SMBJ7.0CA-G | AM | 7.00 | 7.78 | 8.95 | 10 | 12.0 | 50.0 | 400 |
| SMBJ7.5C-G | AN | 7.50 | 8.33 | 10.67 | 1 | 14.3 | 42.0 | 200 |
| SMBJ7.5CA-G | AP | 7.50 | 8.33 | 9.58 | 1 | 12.9 | 46.5 | 200 |
| SMBJ8.0C-G | AQ | 8.00 | 8.99 | 11.30 | 1 | 15.0 | 40.0 | 100 |
| SMBJ8.0CA-G | AR | 8.00 | 8.99 | 10.23 | 1 | 13.6 | 44.1 | 100 |
| SMBJ8.5C-G | AS | 8.50 | 9.44 | 11.92 | 1 | 15.9 | 37.7 | 20 |
| SMBJ8.5CA-G | AT | 8.50 | 9.44 | 10.82 | 1 | 14.4 | 41.7 | 20 |
| SMBJ9.0C-G | AU | 9.00 | 10.00 | 12.60 | 1 | 16.9 | 35.5 | 10 |
| SMBJ9.0CA-G | AV | 9.00 | 10.00 | 11.50 | 1 | 15.4 | 39.0 | 10 |
| SMBJ10C-G | AW | 10.00 | 11.10 | 14.10 | 1 | 18.8 | 31.9 | 5 |
| SMBJ10CA-G | AX | 10.00 | 11.10 | 12.80 | 1 | 17.0 | 35.3 | 5 |
| SMBJ11C-G | AY | 11.00 | 12.20 | 15.40 | 1 | 20.1 | 29.9 | 5 |
| SMBJ11CA-G | AZ | 11.00 | 12.20 | 14.00 | 1 | 18.2 | 33.0 | 5 |
| SMBJ12C-G | BD | 12.00 | 13.30 | 16.90 | 1 | 22.0 | 27.3 | 5 |
| SMBJ12CA-G | BE | 12.00 | 13.30 | 15.30 | 1 | 19.9 | 30.2 | 5 |
| SMBJ13C-G | BF | 13.00 | 14.40 | 18.20 | 1 | 23.8 | 25.2 | 5 |
| SMBJ13CA-G | BG | 13.00 | 14.40 | 16.50 | 1 | 21.5 | 27.9 | 5 |
| SMBJ14C-G | BH | 14.00 | 15.60 | 19.80 | 1 | 25.8 | 23.3 | 5 |
| SMBJ14CA-G | BK | 14.00 | 15.60 | 17.90 | 1 | 23.2 | 25.8 | 5 |
| SMBJ15C-G | BL | 15.00 | 16.70 | 21.10 | 1 | 26.9 | 22.3 | 5 |
| SMBJ15CA-G | BM | 15.00 | 16.70 | 19.20 | 1 | 24.4 | 24.0 | 5 |
| SMBJ16C-G | BN | 16.00 | 17.80 | 22.60 | 1 | 28.8 | 20.8 | 5 |
| SMBJ16CA-G | BP | 16.00 | 17.80 | 20.50 | 1 | 26.0 | 23.1 | 5 |
| SMBJ17C-G | BQ | 17.00 | 18.90 | 23.90 | 1 | 30.5 | 19.7 | 5 |
| SMBJ17CA-G | BR | 17.00 | 18.90 | 21.70 | 1 | 27.6 | 21.7 | 5 |
| SMBJ18C-G | BS | 18.00 | 20.00 | 25.30 | 1 | 32.2 | 18.6 | 5 |
| SMBJ18CA-G | BT | 18.00 | 20.00 | 23.30 | 1 | 29.2 | 20.5 | 5 |
| SMBJ20C-G | BU | 20.00 | 22.20 | 28.10 | 1 | 35.8 | 16.7 | 5 |
| SMBJ20CA-G | BV | 20.00 | 22.20 | 25.50 | 1 | 32.4 | 18.5 | 5 |
| SMBJ22C-G | BW | 22.00 | 24.40 | 30.90 | 1 | 39.4 | 15.2 | 5 |
| SMBJ22CA-G | BX | 22.00 | 24.40 | 28.00 | 1 | 35.5 | 16.9 | 5 |
| SMBJ24C-G | BY | 24.00 | 26.70 | 33.80 | 1 | 43.0 | 14.0 | 5 |
| SMBJ24CA-G | BZ | 24.00 | 26.70 | 30.70 | 1 | 38.9 | 15.4 | 5 |
| SMBJ26C-G | CD | 26.00 | 28.90 | 36.60 | 1 | 46.6 | 12.4 | 5 |
| SMBJ26CA-G | CE | 26.00 | 28.90 | 33.20 | 1 | 42.1 | 14.2 | 5 |
| SMBJ28C-G | CF | 28.00 | 31.10 | 39.40 | 1 | 50.0 | 12.0 | 5 |
| SMBJ28CA-G | CG | 28.00 | 31.10 | 35.80 | 1 | 45.4 | 13.2 | 5 |
| SMBJ30C-G | CH | 30.00 | 33.30 | 42.20 | 1 | 53.5 | 11.2 | 5 |
| SMBJ30CA-G | CK | 30.00 | 33.30 | 38.30 | 1 | 48.4 | 12.4 | 5 |
| SMBJ33C-G | CL | 33.00 | 36.70 | 46.50 | 1 | 59.0 | 10.2 | 5 |
| SMBJ33CA-G | CM | 33.00 | 36.70 | 42.20 | 1 | 53.3 | 13.2 | 5 |
| SMBJ36C-G | CN | 36.00 | 40.00 | 50.70 | 1 | 64.3 | 9.3 | 5 |
| SMBJ36CA-G | CP | 36.00 | 40.00 | 46.00 | 1 | 58.1 | 10.3 | 5 |
| SMBJ40C-G | CQ | 40.00 | 44.40 | 56.30 | 1 | 71.4 | 8.4 | 5 |
| SMBJ40CA-G | CR | 40.00 | 44.40 | 51.10 | 1 | 64.5 | 9.3 | 5 |
| SMBJ43C-G | CS | 43.00 | 47.80 | 60.50 | 1 | 76.7 | 7.8 | 5 |
| SMBJ43CA-G | CT | 43.00 | 47.80 | 54.90 | 1 | 69.4 | 8.6 | 5 |
| SMBJ45C-G | CU | 45.00 | 50.00 | 63.30 | 1 | 80.3 | 7.5 | 5 |
| SMBJ45CA-G | CV | 45.00 | 50.00 | 57.50 | 1 | 72.7 | 8.3 | 5 |
| SMBJ48C-G | CW | 48.00 | 53.30 | 67.50 | 1 | 85.5 | 7.0 | 5 |
| SMBJ48CA-G | CX | 48.00 | 53.30 | 61.30 | 1 | 77.4 | 7.7 | 5 |
| SMBJ51C-G | CY | 51.00 | 56.70 | 71.80 | 1 | 91.1 | 6.6 | 5 |
| SMBJ51CA-G | CZ | 51.00 | 56.70 | 65.20 | 1 | 82.4 | 7.3 | 5 |
| SMBJ54C-G | DD | 54.00 | 60.00 | 76.00 | 1 | 96.3 | 6.2 | 5 |
| SMBJ54CA-G | DE | 54.00 | 60.00 | 69.00 | 1 | 87.1 | 6.9 | 5 |
| SMBJ58C-G | DF | 58.00 | 64.40 | 81.60 | 1 | 103.0 | 5.8 | 5 |
| SMBJ58CA-G | DG | 58.00 | 64.40 | 74.10 | 1 | 93.6 | 6.4 | 5 |
| SMBJ60C-G | DH | 60.00 | 66.70 | 84.50 | 1 | 107.0 | 5.6 | 5 |
| SMBJ60CA-G | DK | 60.00 | 66.70 | 76.70 | 1 | 96.8 | 6.2 | 5 |
| SMBJ64C-G | DL | 64.00 | 71.10 | 90.10 | 1 | 114.0 | 5.3 | 5 |
| SMBJ64CA-G | DM | 64.00 | 71.10 | 81.80 | 1 | 103.0 | 5.8 | 5 |
| SMBJ70C-G | DN | 70.00 | 77.80 | 98.60 | 1 | 125.0 | 4.8 | 5 |
| SMBJ70CA-G | DP | 70.00 | 77.80 | 89.50 | 1 | 113.0 | 5.3 | 5 |
| SMBJ75C-G | DQ | 75.00 | 83.30 | 105.70 | 1 | 134.0 | 4.5 | 5 |
| SMBJ75CA-G | DR | 75.00 | 83.30 | 95.80 | 1 | 121.0 | 4.9 | 5 |
| SMBJ78C-G | DS | 78.00 | 86.70 | 109.80 | 1 | 139.0 | 4.3 | 5 |
| SMBJ78CA-G | DT | 78.00 | 86.70 | 99.70 | 1 | 126.0 | 4.7 | 5 |
| SMBJ85C-G | DU | 85.00 | 94.40 | 119.20 | 1 | 151.0 | 3.9 | 5 |
| SMBJ85CA-G | DV | 85.00 | 94.40 | 108.20 | 1 | 137.0 | 4.4 | 5 |
| SMBJ90C-G | DW | 90.00 | 100.00 | 126.50 | 1 | 160.0 | 3.8 | 5 |
| SMBJ90CA-G | DX | 90.00 | 100.00 | 115.50 | 1 | 146.0 | 4.1 | 5 |
| SMBJ100C-G | DY | 100.00 | 111.00 | 141.00 | 1 | 179.0 | 3.4 | 5 |
| SMBJ100CA-G | DZ | 100.00 | 111.00 | 128.00 | 1 | 162.0 | 3.7 | 5 |
| SMBJ110C-G | ED | 110.00 | 122.00 | 154.50 | 1 | 196.0 | 3.0 | 5 |
| SMBJ110CA-G | EE | 110.00 | 122.00 | 140.50 | 1 | 177.0 | 3.4 | 5 |
| SMBJ120C-G | EF | 120.00 | 133.00 | 169.00 | 1 | 214.0 | 2.8 | 5 |
| SMBJ120CA-G | EG | 120.00 | 133.00 | 153.00 | 1 | 193.0 | 3.1 | 5 |
| SMBJ130C-G | EH | 130.00 | 144.00 | 182.50 | 1 | 231.0 | 2.6 | 5 |
| SMBJ130CA-G | EK | 130.00 | 144.00 | 165.50 | 1 | 209.0 | 2.9 | 5 |
| SMBJ150C-G | EL | 150.00 | 167.00 | 211.50 | 1 | 269.0 | 2.2 | 5 |
| SMBJ150CA-G | EM | 150.00 | 167.00 | 192.50 | 1 | 243.0 | 2.5 | 5 |
| SMBJ160C-G | EN | 160.00 | 178.00 | 226.00 | 1 | 287.0 | 2.1 | 5 |
| SMBJ160CA-G | EP | 160.00 | 178.00 | 205.00 | 1 | 259.0 | 2.3 | 5 |
| SMBJ170C-G | EQ | 170.00 | 189.00 | 239.50 | 1 | 304.0 | 2.0 | 5 |
| SMBJ170CA-G | ER | 170.00 | 189.00 | 217.50 | 1 | 275.0 | 2.2 | 5 |

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