

Electrical Characteristics (TA = 25 °C unless otherwise noted)

| Part Number (Bi) | Part Number (Uni) | MARKING | | Reverse Stand off Voltage V_R (Volts) | Breakdown Voltage V_{BR} (Volts)@ I_T | | Test Current I_T (mA) | Maximum Reverse Leakage I_R @ V_R (μ A) | Maximum Peak Pulse Current I_{pp} (A) | Maximum Clamping Voltage V_C @ I_{pp} (V) |
|------------------|-------------------|---------|-----|---|---|--------|-------------------------|--|---|---|
| | | BI | UNI | | Min .V | Max .V | | | | |
| SMDJ5.0CA | SMDJ5.0A | DDE | RDE | 5.0 | 6.40 | 7.00 | 10 | 800 | 326.1 | 9.2 |
| SMDJ6.0CA | SMDJ6.0A | DDG | RDG | 6.0 | 6.67 | 7.37 | 10 | 800 | 291.3 | 10.3 |
| SMDJ 6.5CA | SMDJ 6.5A | DDK | RDK | 6.5 | 7.22 | 7.98 | 10 | 500 | 267.9 | 11.2 |
| SMDJ7.0 CA | SMDJ7.0 A | DDM | PDM | 7.0 | 7.78 | 8.60 | 10 | 200 | 250.0 | 12.0 |
| SMDJ 7.5CA | SMDJ 7.5A | DDP | PDP | 7.5 | 8.33 | 9.21 | 1 | 100 | 232.6 | 12.9 |
| SMDJ 8.0CA | SMDJ 8.0A | DDR | PDR | 8.0 | 8.89 | 9.83 | 1 | 50 | 220.6 | 13.6 |
| SMDJ8.5 CA | SMDJ8.5 A | DDT | PDT | 8.5 | 9.44 | 10.40 | 1 | 20 | 208.3 | 14.4 |
| SMDJ9.0 CA | SMDJ9.0 A | DDV | PDV | 9.0 | 10.00 | 11.10 | 1 | 10 | 194.8 | 15.4 |
| SMDJ10CA | SMDJ10A | DDX | PDX | 10.0 | 11.10 | 12.30 | 1 | 5 | 176.5 | 17.0 |
| SMDJ11CA | SMDJ11A | DDZ | PDZ | 11.0 | 12.20 | 13.50 | 1 | 2 | 164.8 | 18.2 |
| SMDJ12CA | SMDJ12A | DEE | PEE | 12.0 | 13.30 | 14.70 | 1 | 2 | 150.8 | 19.9 |
| SMDJ13CA | SMDJ13A | DEG | PEG | 13.0 | 14.40 | 15.90 | 1 | 2 | 139.5 | 21.5 |
| SMDJ14CA | SMDJ14A | DEK | PEK | 14.0 | 15.60 | 17.20 | 1 | 2 | 129.3 | 23.2 |
| SMDJ15CA | SMDJ15A | DEM | PEM | 15.0 | 16.70 | 18.50 | 1 | 2 | 123.0 | 24.4 |
| SMDJ16CA | SMDJ16A | DEP | PEP | 16.0 | 17.80 | 19.70 | 1 | 2 | 115.4 | 26.0 |
| SMDJ17CA | SMDJ17A | DER | PER | 17.0 | 18.90 | 20.90 | 1 | 2 | 108.7 | 27.6 |
| SMDJ18CA | SMDJ18A | DET | PET | 18.0 | 20.00 | 22.10 | 1 | 2 | 102.7 | 29.2 |
| SMDJ20CA | SMDJ20A | DEV | PEV | 20.0 | 22.20 | 24.50 | 1 | 2 | 92.6 | 32.4 |
| SMDJ22CA | SMDJ22A | DEX | PEX | 22.0 | 24.40 | 26.90 | 1 | 2 | 84.5 | 35.5 |
| SMDJ24CA | SMDJ24A | DEZ | PEZ | 24.0 | 26.70 | 29.50 | 1 | 2 | 77.1 | 38.9 |
| SMDJ26CA | SMDJ26A | DFE | PFE | 26.0 | 28.90 | 31.90 | 1 | 2 | 71.3 | 42.1 |
| SMDJ28CA | SMDJ28A | DFG | PFG | 28.0 | 31.10 | 34.40 | 1 | 2 | 66.1 | 45.4 |
| SMDJ30CA | SMDJ30A | DFK | PFK | 30.0 | 33.30 | 36.80 | 1 | 2 | 62.0 | 48.4 |
| SMDJ33CA | SMDJ33A | DFM | PFM | 33.0 | 36.70 | 40.60 | 1 | 2 | 56.3 | 53.3 |
| SMDJ36CA | SMDJ36A | DFP | PFP | 36.0 | 40.00 | 44.20 | 1 | 2 | 51.6 | 58.1 |
| SMDJ40CA | SMDJ40A | DFR | PFR | 40.0 | 44.40 | 49.10 | 1 | 2 | 46.5 | 64.5 |
| SMDJ43CA | SMDJ43A | DFT | PFT | 43.0 | 47.80 | 52.80 | 1 | 2 | 43.2 | 69.4 |
| SMDJ45CA | SMDJ45A | DFV | PFV | 45.0 | 50.00 | 55.30 | 1 | 2 | 41.3 | 72.7 |
| SMDJ48CA | SMDJ48A | DFX | PFX | 48.0 | 53.30 | 58.90 | 1 | 2 | 38.8 | 77.4 |
| SMDJ51CA | SMDJ51A | DFZ | PFZ | 51.0 | 56.70 | 62.70 | 1 | 2 | 36.4 | 82.4 |
| SMDJ54CA | SMDJ54A | DGE | RGE | 54.0 | 60.00 | 66.30 | 1 | 2 | 34.4 | 87.1 |
| SMDJ58CA | SMDJ58A | DGG | PGG | 58.0 | 64.40 | 71.20 | 1 | 2 | 32.1 | 93.6 |
| SMDJ60CA | SMDJ60A | DGK | PGK | 60.0 | 66.70 | 73.70 | 1 | 2 | 31.0 | 96.8 |
| SMDJ64CA | SMDJ64A | DGM | PGM | 64.0 | 71.10 | 78.60 | 1 | 2 | 29.1 | 103.0 |
| SMDJ70CA | SMDJ70A | DGP | PGP | 70.0 | 77.80 | 86.00 | 1 | 2 | 26.5 | 113.0 |
| SMDJ75CA | SMDJ75A | DGR | PGR | 75.0 | 83.30 | 92.10 | 1 | 2 | 24.8 | 121.0 |

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|------------------|-------------------|---------|------|---|---|-------|-------------------------|--|---|---|
| | | RI | UNI | | Min V | Max V | | | | |
| SMDJ78CA | SMDJ78A | DGT | PGT | 78.0 | 86.70 | 95.80 | 1 | 2 | 23.8 | 126.0 |
| SMDJ85CA | SMDJ85A | DGV | PGV | 85.0 | 94.40 | 104.0 | 1 | 2 | 21.9 | 137.0 |
| SMDJ90CA | SMDJ90A | DGX | PGX | 90.0 | 100.0 | 111.0 | 1 | 2 | 20.5 | 146.0 |
| SMDJ100CA | SMDJ100A | DGZ | PGZ | 100.0 | 111.0 | 123.0 | 1 | 2 | 18.5 | 162.0 |
| SMDJ110CA | SMDJ110A | DHE | PHE | 110.0 | 122.0 | 135.0 | 1 | 2 | 16.9 | 177.0 |
| SMDJ120CA | SMDJ120A | DHG | PHG | 120.0 | 133.0 | 147.0 | 1 | 2 | 15.5 | 193.0 |
| SMDJ130CA | SMDJ130A | DHK | PHK | 130.0 | 144.0 | 159.0 | 1 | 2 | 14.4 | 209.0 |
| SMDJ150CA | SMDJ150A | DHM | PHM | 150.0 | 167.0 | 185.0 | 1 | 2 | 12.3 | 243.0 |
| SMDJ160CA | SMDJ160A | DHP | PHP | 160.0 | 178.0 | 197.0 | 1 | 2 | 11.6 | 259.0 |
| SMDJ170CA | SMDJ170A | DHR | PHR | 170.0 | 189.0 | 209.0 | 1 | 2 | 10.9 | 275.0 |
| SMDJ180CA | SMDJ180A | IHT | HHT | 180.0 | 201.0 | 222.0 | 1 | 2 | 10.3 | 292.0 |
| SMDJ190CA | SMDJ190A | IHV | HHV | 190.0 | 211.0 | 233.0 | 1 | 2 | 9.7 | 308.0 |
| SMDJ200CA | SMDJ200A | IHX | HHX | 200.0 | 224.0 | 247.0 | 1 | 2 | 9.3 | 324.0 |
| SMDJ210CA | SMDJ210A | IHZ | HHZ | 210.0 | 237.0 | 263.0 | 1 | 2 | 8.8 | 340.0 |
| SMDJ220CA | SMDJ220A | IIIC | IIIC | 220.0 | 246.0 | 272.0 | 1 | 2 | 8.4 | 356.0 |

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