

## 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 t $I_T$ (mA) | Maximum Reverse Leakage $I_R$ @ $V_R$ ( $\mu$ A) | Maximum Peak Pulse Current $I_{pp}$ (A) | Maximum Clamping Voltage $V_C$ @ $I_{pp}$ (V) |
|------------------|-------------------|---------|-----|---|---|--------|---------------------------|--|---|---|
|                  |                   | BI      | UNI |   | Min .V                                    | Max .V |                           |  |   |   |
| SMAJ5.0CA        | SMAJ5.0A          | WE      | AE  | 5.0                                     | 6.40                                      | 7.00   | 10                        | 500  | 43.5                                    | 9.2   |
| SMAJ6.0CA        | SMAJ6.0A          | WG      | AG  | 6.0                                     | 6.67                                      | 7.37   | 10                        | 500  | 38.8                                    | 10.3  |
| SMAJ 6.5CA       | SMAJ 6.5A         | WK      | AK  | 6.5                                     | 7.22                                      | 7.90   | 10                        | 300  | 35.7                                    | 11.2  |
| SMAJ7.0CA        | SMAJ7.0 A         | WM      | AM  | 7.0                                     | 7.78                                      | 8.60   | 10                        | 200  | 33.3                                    | 12.0  |
| SMAJ 7.5CA       | SMAJ 7.5A         | WP      | AP  | 7.5                                     | 8.33                                      | 9.21   | 1                         | 100  | 31.0                                    | 12.9  |
| SMAJ 8.0CA       | SMAJ 8.0A         | WR      | AR  | 8.0                                     | 8.89                                      | 9.83   | 1                         | 50   | 29.4                                    | 13.6  |
| SMAJ8.5CA        | SMAJ8.5 A         | WT      | AT  | 8.5                                     | 9.44                                      | 10.40  | 1                         | 20   | 27.8                                    | 14.4  |
| SMAJ9.0CA        | SMAJ9.0 A         | WV      | AV  | 9.0                                     | 10.00                                     | 11.10  | 1                         | 10   | 26.0                                    | 15.4  |
| SMAJ10CA         | SMAJ10 A          | WX      | AX  | 10.0                                    | 11.10                                     | 12.30  | 1                         | 5  | 23.5                                    | 17.0  |
| SMAJ11CA         | SMAJ11 A          | WZ      | AZ  | 11.0                                    | 12.20                                     | 13.50  | 1                         | 1  | 22.0                                    | 18.2  |
| SMAJ12CA         | SMAJ12 A          | XE      | BE  | 12.0                                    | 13.30                                     | 14.70  | 1                         | 1  | 20.1                                    | 19.9  |
| SMAJ13CA         | SMAJ13A           | XG      | BG  | 13.0                                    | 14.40                                     | 15.90  | 1                         | 1  | 18.6                                    | 21.5  |
| SMAJ14CA         | SMAJ14A           | XK      | BK  | 14.0                                    | 15.60                                     | 17.20  | 1                         | 1  | 17.2                                    | 23.2  |
| SMAJ15CA         | SMAJ15A           | XM      | BM  | 15.0                                    | 16.70                                     | 18.50  | 1                         | 1  | 16.4                                    | 24.4  |
| SMAJ16CA         | SMAJ16A           | XP      | BP  | 16.0                                    | 17.80                                     | 19.70  | 1                         | 1  | 15.4                                    | 26.0  |
| SMAJ17CA         | SMAJ17A           | XR      | BR  | 17.0                                    | 18.90                                     | 20.90  | 1                         | 1  | 14.5                                    | 27.6  |
| SMAJ18CA         | SMAJ18A           | XT      | BT  | 18.0                                    | 20.00                                     | 22.10  | 1                         | 1  | 13.7                                    | 29.2  |
| SMAJ20CA         | SMAJ20A           | XV      | BV  | 20.0                                    | 22.20                                     | 24.50  | 1                         | 1  | 12.3                                    | 32.4  |
| SMAJ22CA         | SMAJ22A           | XX      | BX  | 22.0                                    | 24.40                                     | 26.90  | 1                         | 1  | 11.3                                    | 35.5  |
| SMAJ24CA         | SMAJ24A           | XZ      | BZ  | 24.0                                    | 26.70                                     | 29.50  | 1                         | 1  | 10.3                                    | 38.9  |
| SMAJ26CA         | SMAJ26A           | YE      | CE  | 26.0                                    | 28.90                                     | 31.90  | 1                         | 1  | 9.5                                     | 42.1  |
| SMAJ28CA         | SMAJ28A           | YG      | CG  | 28.0                                    | 31.10                                     | 34.40  | 1                         | 1  | 8.8                                     | 45.4  |
| SMAJ30CA         | SMAJ30A           | YK      | CK  | 30.0                                    | 33.30                                     | 36.80  | 1                         | 1  | 8.3                                     | 48.4  |
| SMAJ33CA         | SMAJ33A           | YM      | CM  | 33.0                                    | 36.70                                     | 40.60  | 1                         | 1  | 7.5                                     | 53.3  |
| SMAJ36CA         | SMAJ36A           | YP      | CP  | 36.0                                    | 40.00                                     | 44.20  | 1                         | 1  | 6.9                                     | 58.1  |
| SMAJ40CA         | SMAJ40A           | YR      | CR  | 40.0                                    | 44.40                                     | 49.10  | 1                         | 1  | 6.2                                     | 64.5  |
| SMAJ43CA         | SMAJ43A           | YT      | CT  | 43.0                                    | 47.80                                     | 52.80  | 1                         | 1  | 5.8                                     | 69.4  |
| SMAJ45CA         | SMAJ45A           | YV      | CV  | 45.0                                    | 50.00                                     | 55.30  | 1                         | 1  | 5.5                                     | 72.7  |
| SMAJ48CA         | SMAJ48A           | YX      | CX  | 48.0                                    | 53.30                                     | 58.90  | 1                         | 1  | 5.2                                     | 77.4  |
| SMAJ51CA         | SMAJ51A           | YZ      | CZ  | 51.0                                    | 56.70                                     | 62.70  | 1                         | 1  | 4.9                                     | 82.4  |
| SMAJ54CA         | SMAJ54A           | ZE      | RE  | 54.0                                    | 60.00                                     | 66.30  | 1                         | 1  | 4.6                                     | 87.1  |
| SMAJ58CA         | SMAJ58A           | ZG      | RG  | 58.0                                    | 64.40                                     | 71.20  | 1                         | 1  | 4.3                                     | 93.6  |
| SMAJ60CA         | SMAJ60A           | ZK      | RK  | 60.0                                    | 66.70                                     | 73.70  | 1                         | 1  | 4.1                                     | 96.8  |
| SMAJ64CA         | SMAJ64A           | ZM      | RM  | 64.0                                    | 71.10                                     | 78.60  | 1                         | 1  | 3.9                                     | 103.0   |
| SMAJ70CA         | SMAJ70A           | ZP      | RP  | 70.0                                    | 77.80                                     | 86.00  | 1                         | 1  | 3.5                                     | 113.0   |
| SMAJ75CA         | SMAJ75A           | ZR      | RR  | 75.0                                    | 83.30                                     | 92.10  | 1                         | 1  | 3.3                                     | 121.0   |
| SMAJ78CA         | SMAJ78A           | ZT      | RT  | 78.0                                    | 86.70                                     | 95.80  | 1                         | 1  | 3.2                                     | 126.0   |
| SMAJ85CA         | SMAJ85A           | ZV      | RV  | 85.0                                    | 94.4                                      | 104.0  | 1                         | 1  | 2.9                                     | 137.0   |

## 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 $I_R@V_R$ ( $\mu$ A) | Maximum Peak Pulse Current $I_{pp}$ (A) | Maximum Clamping Voltage $V_C$ @ $I_{pp}$ (V) |
|------------------|-------------------|---------|-----|---|---|--------|-------------------------|--|---|---|
|                  |                   | BI      | UNI |   | Min .V                                    | Max .V |                         |  |   |   |
| SMAJ90CA         | SMAJ90A           | ZX      | RX  | 90.0                                    | 100.0                                     | 111.0  | 1                       | 1  | 2.7                                     | 146.0   |
| SMAJ100CA        | SMAJ100A          | ZZ      | RZ  | 100.0                                   | 111.0                                     | 123.0  | 1                       | 1  | 2.5                                     | 162.0   |
| SMAJ110CA        | SMAJ110A          | VE      | SE  | 110.0                                   | 122.0                                     | 135.0  | 1                       | 1  | 2.3                                     | 177.0   |
| SMAJ120CA        | SMAJ120A          | VG      | SG  | 120.0                                   | 133.0                                     | 147.0  | 1                       | 1  | 2.1                                     | 193.0   |
| SMAJ130CA        | SMAJ130A          | VK      | SK  | 130.0                                   | 144.0                                     | 159.0  | 1                       | 1  | 1.9                                     | 209.0   |
| SMAJ150CA        | SMAJ150A          | VM      | SM  | 150.0                                   | 167.0                                     | 185.0  | 1                       | 1  | 1.6                                     | 243.0   |
| SMAJ160CA        | SMAJ160A          | VP      | SP  | 160.0                                   | 178.0                                     | 197.0  | 1                       | 1  | 1.5                                     | 259.0   |
| SMAJ170CA        | SMAJ170A          | VR      | SR  | 170.0                                   | 189.0                                     | 209.0  | 1                       | 1  | 1.5                                     | 275.0   |
| SMAJ180CA        | SMAJ180A          | VT      | ST  | 180.0                                   | 201.0                                     | 222.0  | 1                       | 1  | 1.4                                     | 292.0   |
| SMAJ190CA        | SMAJ190A          | YU      | SU  | 190.0                                   | 211.0                                     | 233.0  | 1                       | 1  | 1.3                                     | 308.0   |
| SMAJ200CA        | SMAJ200A          | VV      | SV  | 200.0                                   | 224.0                                     | 247.0  | 1                       | 1  | 1.2                                     | 324.0   |
| SMAJ210CA        | SMAJ210A          | YW      | SW  | 210.0                                   | 237.0                                     | 263.0  | 1                       | 1  | 1.2                                     | 340.0   |
| SMAJ220CA        | SMAJ220A          | VX      | GE  | 220.0                                   | 246.0                                     | 272.0  | 1                       | 1  | 1.1                                     | 356.0   |
| SMAJ250CA        | SMAJ250A          | VZ      | SZ  | 250.0                                   | 279.0                                     | 309.0  | 1                       | 1  | 1.0                                     | 405.0   |
| SMAJ300CA        | SMAJ300A          | UE      | TE  | 300.0                                   | 335.0                                     | 371.0  | 1                       | 1  | 0.8                                     | 486.0   |
| SMAJ350CA        | SMAJ350A          | UG      | TG  | 350.0                                   | 391.0                                     | 432.0  | 1                       | 1  | 0.7                                     | 567.0   |
| SMAJ400CA        | SMAJ400A          | UK      | TK  | 400.0                                   | 447.0                                     | 494.0  | 1                       | 1  | 0.6                                     | 648.0   |
| SMAJ440CA        | SMAJ440A          | UM      | TM  | 440.0                                   | 492.0                                     | 543.0  | 1                       | 1  | 0.6                                     | 713.0   |