



Micro Commercial Components
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P4SMAJ5.0 THRU P4SMAJ170CA

Features

- For Surface Mount Applications
- Unidirectional And Bidirectional
- Low Inductance
- High Temp Soldering: 250°C for 10 Seconds At Terminals
- For Bidirectional Devices Add "C" To The Suffix Of The Part Number: i.e. P4SMAJ5.0C or P4SMAJ5.0CA for 5% Tolerance

Mechanical Data

- Case: JEDEC DO-214AC
- Terminals: Solderable per MIL-STD-750, Method 2026
- Polarity: Indicated by cathode band except bi-directional types

Maximum Rating:

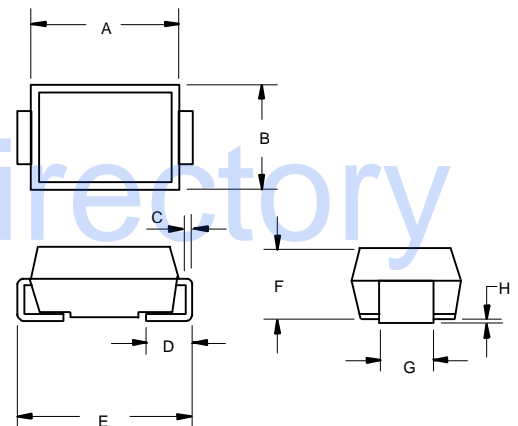
- Operating Temperature: -55°C to +150°C
- Storage Temperature: -55°C to +150°C
- Typical Thermal Resistance: 25°C/W Junction to Ambient

| | | | |
|--|--------------------|-------------|-----------|
| Peak Pulse Current on 10/1000µs Waveform | I _{PPM} | See Table 1 | Note 1 |
| Peak Pulse Power Dissipation | P _{PPM} | Min 400 W | Note 1, 5 |
| Steady State Power Dissipation | P _{M(AV)} | 1.0 W | Note 2, 4 |
| Peak Forward Surge Current | I _{FSM} | 40A | Note:4 |

- Notes: 1. Non-repetitive current pulse, per Fig.3 and derated above T_A=25°C per Fig.2.
2. Mounted on 5.0mm² copper pads to each terminal.
3. 8.3ms, single half sine wave duty cycle = 4 pulses per Minutes maximum.
4. Lead temperature at T_L = 75°C.
5. Peak pulse power waveform is 10/1000µs.

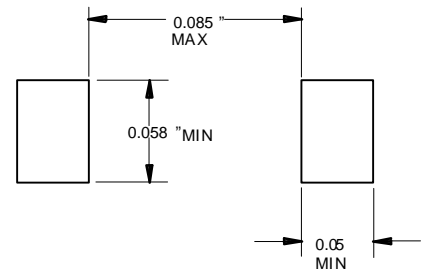
400 Watt Transient Voltage Suppressors 5.0 to 170 Volts

DO-214AC (SMAJ)(LEAD FRAME)



| DIM | INCHES | | MM | | NOTE |
|-----|--------|------|-------|-------|------|
| | MIN | MAX | MIN | MAX | |
| A | .157 | .181 | 4.00 | 4.60 | |
| B | .098 | .114 | 2.50 | 2.90 | |
| C | .006 | .012 | 0.152 | 0.305 | |
| D | .030 | .060 | 0.76 | 1.52 | |
| E | .188 | .208 | 4.80 | 5.28 | |
| F | .078 | .096 | 2.00 | 2.44 | |
| G | .055 | .062 | 1.40 | 1.60 | |
| H | .002 | .008 | 0.051 | 0.203 | |

SUGGESTED SOLDER PAD LAYOUT



P4SMAJ5.0 thru P4SMAJ170CA

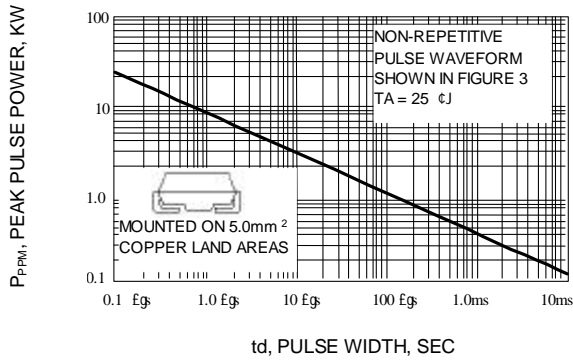


Fig. 1-PEAK PULSE POWER RATING CURVE

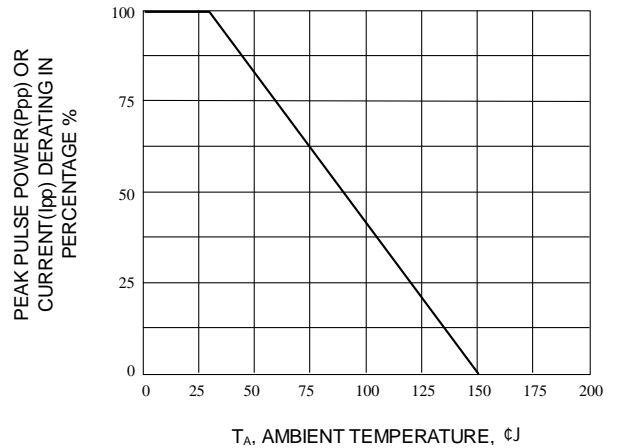


Fig. 2-PULSE RATING CURVE

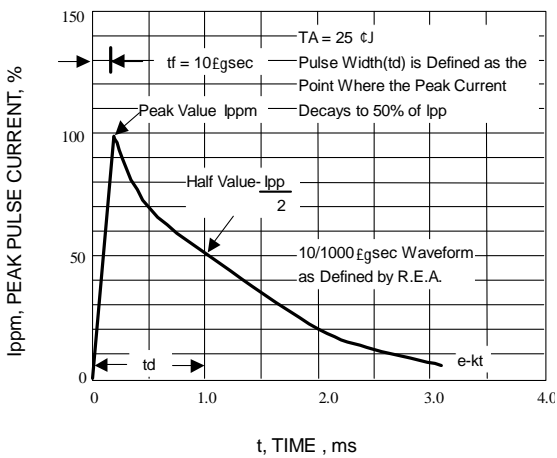


Fig. 3-PULSE WAVEFORM

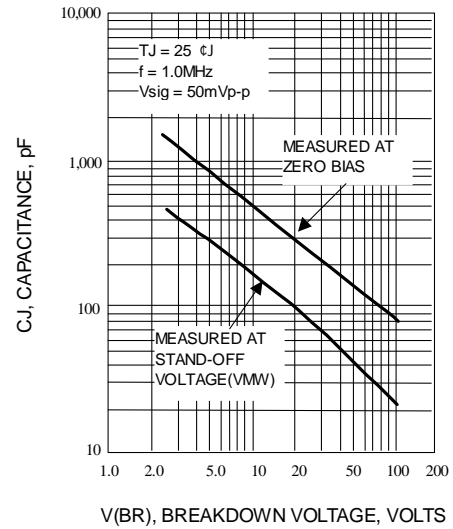


Fig. 4-TYPICAL JUNCTION CAPACITANCE

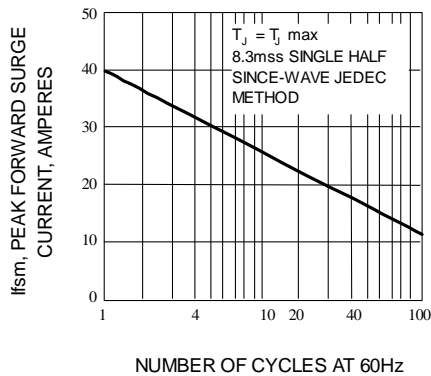


Fig. 5-MAXIMUM NON-REPETITIVE PEAK FORWARD SURGE CURRENT

P4SMAJ5.0 thru P4SMAJ170CA

ELECTRICAL CHARACTERISTICS @25°C

| MCC PART NUMBER | REVERSE STAND-OFF VOLTAGE V_{WM} | BREAKDOWN VOLTAGE $V_{(BR)} @ I_T$ (VOLTS) | | | MAXIMUM CLAMPING VOLTAGE @ I_{PP} | PEAK PULSE CURRENT I_{PP} | MAXIMUM REVERSE LEAKAGE @ V_{WM} I_b | MARKING CODE |
|--------------------|---|--|------|------------|--|-----------------------------------|--|-----------------|
| | (VOLTS) | MIN | MAX | I_T (mA) | (VOLTS) | (AMPS) | (μ A) | |
| P4SMAJ5.0 | 5.0 | 6.40 | 7.30 | 10 | 9.6 | 41.6 | 800 | HD |
| P4SMAJ5.0A | 5.0 | 6.40 | 7.00 | 10 | 9.2 | 43.5 | 800 | HE |
| P4SMAJ6.0 | 6.0 | 6.67 | 8.15 | 10 | 11.4 | 35.1 | 800 | HF |
| P4SMAJ6.0A | 6.0 | 6.67 | 7.37 | 10 | 10.3 | 38.8 | 800 | HG |
| P4SMAJ6.5 | 6.5 | 7.22 | 8.82 | 10 | 12.3 | 32.5 | 500 | HH |
| P4SMAJ6.5A | 6.5 | 7.22 | 7.98 | 10 | 11.2 | 35.7 | 500 | HK |
| P4SMAJ7.0 | 7.0 | 7.78 | 9.51 | 10 | 13.3 | 30.1 | 200 | HL |
| P4SMAJ7.0A | 7.0 | 7.78 | 8.60 | 10 | 12.0 | 33.3 | 200 | HM |
| P4SMAJ7.5 | 7.5 | 8.33 | 10.2 | 1 | 14.3 | 28.0 | 100 | HN |
| P4SMAJ7.5A | 7.5 | 8.33 | 9.21 | 1 | 12.9 | 31.0 | 100 | HP |
| P4SMAJ8.0 | 8.0 | 8.89 | 10.9 | 1 | 15.0 | 26.5 | 50 | HQ |
| P4SMAJ8.0A | 8.0 | 8.89 | 9.83 | 1 | 13.6 | 29.4 | 50 | HR |
| P4SMAJ8.5 | 8.5 | 9.44 | 11.5 | 1 | 15.9 | 25.1 | 10 | HS |
| P4SMAJ8.5A | 8.5 | 9.44 | 10.4 | 1 | 14.4 | 27.7 | 10 | HT |
| P4SMAJ9.0 | 9.0 | 10.0 | 12.2 | 1 | 16.9 | 23.6 | 5 | HU |
| P4SMAJ9.0A | 9.0 | 10.0 | 11.1 | 1 | 15.4 | 26.0 | 5 | HV |
| P4SMAJ10 | 10 | 11.1 | 13.6 | 1 | 18.8 | 21.2 | 5 | HW |
| P4SMAJ10A | 10 | 11.1 | 12.3 | 1 | 17.0 | 23.5 | 5 | HX |
| P4SMAJ11 | 11 | 12.2 | 14.9 | 1 | 20.1 | 20.0 | 5 | HY |
| P4SMAJ11A | 11 | 12.2 | 13.5 | 1 | 18.2 | 22.0 | 5 | HZ |
| P4SMAJ12 | 12 | 13.3 | 16.3 | 1 | 22.0 | 18.1 | 5 | ID |
| P4SMAJ12A | 12 | 13.3 | 14.7 | 1 | 19.9 | 20.1 | 5 | IE |
| P4SMAJ13 | 13 | 14.4 | 17.6 | 1 | 23.8 | 16.8 | 5 | IF |
| P4SMAJ13A | 13 | 14.4 | 15.9 | 1 | 21.5 | 18.6 | 5 | IG |
| P4SMAJ14 | 14 | 15.6 | 19.1 | 1 | 25.8 | 15.5 | 5 | IH |
| P4SMAJ14A | 14 | 15.6 | 17.2 | 1 | 23.2 | 17.2 | 5 | IK |
| P4SMAJ15 | 15 | 16.7 | 20.4 | 1 | 26.9 | 14.8 | 5 | IL |
| P4SMAJ15A | 15 | 16.7 | 18.5 | 1 | 24.4 | 16.4 | 5 | IM |
| P4SMAJ16 | 16 | 17.8 | 21.8 | 1 | 28.8 | 13.8 | 5 | IN |
| P4SMAJ16A | 16 | 17.8 | 19.7 | 1 | 26.0 | 15.3 | 5 | IP |
| P4SMAJ17 | 17 | 18.9 | 23.1 | 1 | 30.5 | 13.1 | 5 | IQ |
| P4SMAJ17A | 17 | 18.9 | 20.9 | 1 | 27.6 | 14.5 | 5 | IR |
| P4SMAJ18 | 18 | 20.0 | 24.4 | 1 | 32.2 | 12.4 | 5 | IS |
| P4SMAJ18A | 18 | 20.0 | 22.1 | 1 | 29.2 | 13.7 | 5 | IT |
| P4SMAJ20 | 20 | 22.2 | 27.1 | 1 | 35.8 | 11.1 | 5 | IU |
| P4SMAJ20A | 20 | 22.2 | 24.5 | 1 | 32.4 | 12.3 | 5 | IV |

P4SMAJ5.0 thru P4SMAJ170CA



ELECTRICAL CHARACTERISTICS @25°C

| MCC PART NUMBER | REVERSE STAND-OFF VOLTAGE V_{WM} | BREAKDOWN VOLTAGE $V_{(BR)}$ @ I_T (VOLTS) | | | MAXIMUM CLAMPING VOLTAGE @ I_{PP} | PEAK PULSE CURRENT I_{PP} | MAXIMUM REVERSE LEAKAGE @ V_{WM} I_b | MARKING CODE |
|--------------------|---|--|------|-----|--|-----------------------------------|--|-----------------|
| | | (VOLTS) | MIN | MAX | | | | |
| P4SMAJ22 | 22 | 24.4 | 29.8 | 1 | 39.4 | 10.1 | 5 | IW |
| P4SMAJ22A | 22 | 24.4 | 26.9 | 1 | 35.5 | 11.2 | 5 | IX |
| P4SMAJ24 | 24 | 26.7 | 32.6 | 1 | 43.0 | 9.3 | 5 | IY |
| P4SMAJ24A | 24 | 26.7 | 29.5 | 1 | 38.9 | 10.3 | 5 | IZ |
| P4SMAJ26 | 26 | 28.9 | 35.3 | 1 | 46.6 | 8.6 | 5 | JD |
| P4SMAJ26A | 26 | 28.9 | 31.9 | 1 | 42.1 | 9.5 | 5 | JE |
| P4SMAJ28 | 28 | 31.1 | 38.0 | 1 | 50.0 | 8.0 | 5 | JF |
| P4SMAJ28A | 28 | 31.1 | 34.4 | 1 | 45.4 | 8.8 | 5 | JG |
| P4SMAJ30 | 30 | 33.3 | 40.7 | 1 | 53.5 | 7.5 | 5 | JH |
| P4SMAJ30A | 30 | 33.3 | 36.8 | 1 | 48.4 | 8.3 | 5 | JK |
| P4SMAJ33 | 33 | 36.7 | 44.9 | 1 | 59.0 | 6.8 | 5 | JL |
| P4SMAJ33A | 33 | 36.7 | 40.6 | 1 | 53.3 | 7.5 | 5 | JM |
| P4SMAJ36 | 36 | 40.0 | 48.9 | 1 | 64.3 | 6.2 | 5 | JN |
| P4SMAJ36A | 36 | 40.0 | 44.2 | 1 | 58.1 | 6.9 | 5 | JP |
| P4SMAJ40 | 40 | 44.4 | 54.3 | 1 | 71.4 | 5.6 | 5 | JQ |
| P4SMAJ40A | 40 | 44.4 | 49.1 | 1 | 64.5 | 6.2 | 5 | JR |
| P4SMAJ43 | 43 | 47.8 | 58.4 | 1 | 76.7 | 5.2 | 5 | JS |
| P4SMAJ43A | 43 | 47.8 | 52.8 | 1 | 69.4 | 5.7 | 5 | JT |
| P4SMAJ45 | 45 | 50.0 | 61.1 | 1 | 80.3 | 5.0 | 5 | JU |
| P4SMAJ45A | 45 | 50.0 | 55.3 | 1 | 72.7 | 5.5 | 5 | JV |
| P4SMAJ48 | 48 | 53.3 | 65.1 | 1 | 85.5 | 4.7 | 5 | JW |
| P4SMAJ48A | 48 | 53.3 | 58.9 | 1 | 77.4 | 5.2 | 5 | JX |
| P4SMAJ51 | 51 | 56.7 | 69.3 | 1 | 91.1 | 4.4 | 5 | JY |
| P4SMAJ51A | 51 | 56.7 | 62.7 | 1 | 82.4 | 4.9 | 5 | JZ |
| P4SMAJ54 | 54 | 60.0 | 73.3 | 1 | 96.3 | 4.2 | 5 | RD |
| P4SMAJ54A | 54 | 60.0 | 66.3 | 1 | 87.1 | 4.6 | 5 | RE |
| P4SMAJ58 | 58 | 64.4 | 78.7 | 1 | 103 | 3.9 | 5 | RF |
| P4SMAJ58A | 58 | 64.4 | 71.2 | 1 | 93.6 | 4.3 | 5 | RG |
| P4SMAJ60 | 60 | 66.7 | 81.5 | 1 | 107 | 3.7 | 5 | RH |
| P4SMAJ60A | 60 | 66.7 | 73.7 | 1 | 96.8 | 4.1 | 5 | RK |
| P4SMAJ64 | 64 | 71.1 | 86.9 | 1 | 114 | 3.5 | 5 | RL |
| P4SMAJ64A | 64 | 71.1 | 78.6 | 1 | 103 | 3.9 | 5 | RM |
| P4SMAJ70 | 70 | 77.8 | 95.1 | 1 | 125 | 3.2 | 5 | RN |
| P4SMAJ70A | 70 | 77.8 | 86.0 | 1 | 113 | 3.5 | 5 | RP |
| P4SMAJ75 | 75 | 83.3 | 102 | 1 | 134 | 3.0 | 5 | RQ |
| P4SMAJ75A | 75 | 83.3 | 92.1 | 1 | 121 | 3.3 | 5 | RR |
| P4SMAJ78 | 78 | 86.7 | 106 | 1 | 139 | 2.9 | 5 | RS |
| P4SMAJ78A | 78 | 86.7 | 95.8 | 1 | 126 | 2.2 | 5 | RT |
| P4SMAJ85 | 85 | 94.4 | 115 | 1 | 151 | 2.6 | 5 | RU |
| P4SMAJ85A | 85 | 94.4 | 104 | 1 | 137 | 2.9 | 5 | RV |
| P4SMAJ90 | 90 | 100 | 122 | 1 | 160 | 2.5 | 5 | RW |
| P4SMAJ90A | 90 | 100 | 111 | 1 | 146 | 2.7 | 5 | RX |
| P4SMAJ100 | 100 | 111 | 136 | 1 | 179 | 2.2 | 5 | RY |
| P4SMAJ100A | 100 | 111 | 123 | 1 | 162 | 2.5 | 5 | RZ |
| P4SMAJ110 | 110 | 122 | 149 | 1 | 196 | 2.0 | 5 | SD |
| P4SMAJ110A | 110 | 122 | 135 | 1 | 177 | 2.3 | 5 | SE |
| P4SMAJ120 | 120 | 133 | 163 | 1 | 214 | 1.9 | 5 | SF |
| P4SMAJ120A | 120 | 133 | 147 | 1 | 193 | 2.0 | 5 | SG |
| P4SMAJ130 | 130 | 144 | 176 | 1 | 231 | 1.7 | 5 | SH |
| P4SMAJ130A | 130 | 144 | 159 | 1 | 209 | 1.9 | 5 | SK |
| P4SMAJ150 | 150 | 167 | 204 | 1 | 268 | 1.5 | 5 | SL |
| P4SMAJ150A | 150 | 167 | 185 | 1 | 243 | 1.6 | 5 | SM |
| P4SMAJ160 | 160 | 178 | 218 | 1 | 287 | 1.4 | 5 | SN |
| P4SMAJ160A | 160 | 178 | 197 | 1 | 259 | 1.5 | 5 | SP |
| P4SMAJ170 | 170 | 189 | 231 | 1 | 304 | 1.3 | 5 | SQ |
| P4SMAJ170A | 170 | 189 | 209 | 1 | 275 | 1.4 | 5 | SR |

P4SMAJ5.0 thru P4SMAJ170CA



ELECTRICAL CHARACTERISTICS @25°C

| MCC PART NUMBER | REVERSE STAND-OFF VOLTAGE V_{WM} (VOLTS) | BREAKDOWN VOLTAGE $V_{(BR)}$ @ I_T (VOLTS) | | | MAXIMUM CLAMPING VOLTAGE @ I_{PP} (VOLTS) | PEAK PULSE CURRENT I_{PP} (AMPS) | MAXIMUM REVERSE LEAKAGE @ V_{WM} I_b (μ A) | MARKING CODE |
|--------------------|--|--|------|------------|---|---|--|-----------------|
| | | MIN | MAX | I_T (mA) | | | | |
| P4SMAJ5.0C | 5.0 | 6.40 | 7.30 | 10 | 9.6 | 41.6 | 1600 | TD |
| P4SMAJ5.0CA | 5.0 | 6.40 | 7.00 | 10 | 9.2 | 43.5 | 1600 | TE |
| P4SMAJ6.0C | 6.0 | 6.67 | 8.15 | 10 | 11.4 | 35.1 | 1600 | TF |
| P4SMAJ6.0CA | 6.0 | 6.67 | 7.37 | 10 | 10.3 | 38.8 | 1600 | TG |
| P4SMAJ6.5C | 6.5 | 7.22 | 8.82 | 10 | 12.3 | 32.5 | 1000 | TH |
| P4SMAJ6.5CA | 6.5 | 7.22 | 7.98 | 10 | 11.2 | 35.7 | 1000 | TK |
| P4SMAJ7.0C | 7.0 | 7.78 | 9.51 | 10 | 13.3 | 30.1 | 400 | TL |
| P4SMAJ7.0CA | 7.0 | 7.78 | 8.60 | 10 | 12.0 | 33.3 | 400 | TM |
| P4SMAJ7.5C | 7.5 | 8.33 | 10.2 | 1 | 14.3 | 28.0 | 200 | TN |
| P4SMAJ7.5CA | 7.5 | 8.33 | 9.21 | 1 | 12.9 | 31.0 | 200 | TP |
| P4SMAJ8.0C | 8.0 | 8.89 | 10.9 | 1 | 15.0 | 26.5 | 100 | TQ |
| P4SMAJ8.0CA | 8.0 | 8.89 | 9.83 | 1 | 13.6 | 29.4 | 100 | TR |
| P4SMAJ8.5C | 8.5 | 9.44 | 11.5 | 1 | 15.9 | 25.1 | 20 | TS |
| P4SMAJ8.5CA | 8.5 | 9.44 | 10.4 | 1 | 14.4 | 27.7 | 20 | TT |
| P4SMAJ9.0C | 9.0 | 10.0 | 12.2 | 1 | 16.9 | 23.6 | 10 | TU |
| P4SMAJ9.0CA | 9.0 | 10.0 | 11.1 | 1 | 15.4 | 26.0 | 10 | TV |
| P4SMAJ10C | 10 | 11.1 | 13.6 | 1 | 18.8 | 21.2 | 5 | TW |
| P4SMAJ10CA | 10 | 11.1 | 12.3 | 1 | 17.0 | 23.5 | 5 | TX |
| P4SMAJ11C | 11 | 12.2 | 14.9 | 1 | 20.1 | 20.0 | 5 | TY |
| P4SMAJ11CA | 11 | 12.2 | 13.5 | 1 | 18.2 | 22.0 | 5 | TZ |
| P4SMAJ12C | 12 | 13.3 | 16.3 | 1 | 22.0 | 18.1 | 5 | UD |
| P4SMAJ12CA | 12 | 13.3 | 14.7 | 1 | 19.9 | 20.1 | 5 | UE |
| P4SMAJ13C | 13 | 14.4 | 17.6 | 1 | 23.8 | 16.8 | 5 | UF |
| P4SMAJ13CA | 13 | 14.4 | 15.9 | 1 | 21.5 | 18.6 | 5 | UG |
| P4SMAJ14C | 14 | 15.6 | 19.1 | 1 | 25.8 | 15.5 | 5 | UH |
| P4SMAJ14CA | 14 | 15.6 | 17.2 | 1 | 23.2 | 17.2 | 5 | UK |
| P4SMAJ15C | 15 | 16.7 | 20.4 | 1 | 26.9 | 14.8 | 5 | UL |
| P4SMAJ15CA | 15 | 16.7 | 18.5 | 1 | 24.4 | 16.4 | 5 | UM |
| P4SMAJ16C | 16 | 17.8 | 21.8 | 1 | 28.8 | 13.8 | 5 | UN |
| P4SMAJ16CA | 16 | 17.8 | 19.7 | 1 | 26.0 | 15.3 | 5 | UP |
| P4SMAJ17C | 17 | 18.9 | 23.1 | 1 | 30.5 | 13.1 | 5 | UQ |
| P4SMAJ17CA | 17 | 18.9 | 20.9 | 1 | 27.6 | 14.5 | 5 | UR |
| P4SMAJ18C | 18 | 20.0 | 24.4 | 1 | 32.2 | 12.4 | 5 | US |
| P4SMAJ18CA | 18 | 20.0 | 22.1 | 1 | 29.2 | 13.7 | 5 | UT |
| P4SMAJ20C | 20 | 22.2 | 27.1 | 1 | 35.8 | 11.1 | 5 | UU |
| P4SMAJ20CA | 20 | 22.2 | 24.5 | 1 | 32.4 | 12.3 | 5 | UV |

P4SMAJ5.0 thru P4SMAJ170CA

ELECTRICAL CHARACTERISTICS @25°C

| MCC PART NUMBER | REVERSE STAND-OFF VOLTAGE V_{WM} | BREAKDOWN VOLTAGE $V_{(BR)}$ @ I_T (VOLTS) | | | MAXIMUM CLAMPING VOLTAGE @ I_{PP} | PEAK PULSE CURRENT I_{PP} | MAXIMUM REVERSE LEAKAGE @ V_{WM} I_b | MARKING CODE |
|--------------------|---|--|------|------------|--|-----------------------------------|--|-----------------|
| | (VOLTS) | MIN | MAX | I_T (mA) | (VOLTS) | (AMPS) | (μ A) | |
| P4SMAJ22C | 22 | 24.4 | 29.8 | 1 | 39.4 | 10.1 | 5 | UW |
| P4SMAJ22CA | 22 | 24.4 | 26.9 | 1 | 35.5 | 11.2 | 5 | UX |
| P4SMAJ24C | 24 | 26.7 | 32.6 | 1 | 43.0 | 9.3 | 5 | UY |
| P4SMAJ24CA | 24 | 26.7 | 29.5 | 1 | 38.9 | 10.3 | 5 | UZ |
| P4SMAJ26C | 26 | 28.9 | 35.3 | 1 | 46.6 | 8.6 | 5 | VD |
| P4SMAJ26CA | 26 | 28.9 | 31.9 | 1 | 42.1 | 9.5 | 5 | VE |
| P4SMAJ28C | 28 | 31.1 | 38.0 | 1 | 50.0 | 8.0 | 5 | VF |
| P4SMAJ28CA | 28 | 31.1 | 34.4 | 1 | 45.4 | 8.8 | 5 | VG |
| P4SMAJ30C | 30 | 33.3 | 40.7 | 1 | 53.5 | 7.5 | 5 | VH |
| P4SMAJ30CA | 30 | 33.3 | 36.8 | 1 | 48.4 | 8.3 | 5 | VK |
| P4SMAJ33C | 33 | 36.7 | 44.9 | 1 | 59.0 | 6.8 | 5 | VL |
| P4SMAJ33CA | 33 | 36.7 | 40.6 | 1 | 53.3 | 7.5 | 5 | VM |
| P4SMAJ36C | 36 | 40.0 | 48.9 | 1 | 64.3 | 6.2 | 5 | VN |
| P4SMAJ36CA | 36 | 40.0 | 44.2 | 1 | 58.1 | 6.9 | 5 | VP |
| P4SMAJ40C | 40 | 44.4 | 54.3 | 1 | 71.4 | 5.6 | 5 | VQ |
| P4SMAJ40CA | 40 | 44.4 | 49.1 | 1 | 64.5 | 6.2 | 5 | VR |
| P4SMAJ43C | 43 | 47.8 | 58.4 | 1 | 76.7 | 5.2 | 5 | VS |
| P4SMAJ43CA | 43 | 47.8 | 52.8 | 1 | 69.4 | 5.7 | 5 | VT |
| P4SMAJ45C | 45 | 50.0 | 61.1 | 1 | 80.3 | 5.0 | 5 | VU |
| P4SMAJ45CA | 45 | 50.0 | 55.3 | 1 | 72.7 | 5.5 | 5 | VV |
| P4SMAJ48C | 48 | 53.3 | 65.1 | 1 | 85.5 | 4.7 | 5 | VW |
| P4SMAJ48CA | 48 | 53.3 | 58.9 | 1 | 77.4 | 5.2 | 5 | VX |
| P4SMAJ51C | 51 | 56.7 | 69.3 | 1 | 91.1 | 4.4 | 5 | VY |
| P4SMAJ51CA | 51 | 56.7 | 62.7 | 1 | 82.4 | 4.9 | 5 | VZ |
| P4SMAJ54C | 54 | 60.0 | 73.3 | 1 | 96.3 | 4.2 | 5 | WD |
| P4SMAJ54CA | 54 | 60.0 | 66.3 | 1 | 87.1 | 4.6 | 5 | WE |
| P4SMAJ58C | 58 | 64.4 | 78.7 | 1 | 103 | 3.9 | 5 | WF |
| P4SMAJ58CA | 58 | 64.4 | 71.2 | 1 | 93.6 | 4.3 | 5 | WG |
| P4SMAJ60C | 60 | 66.7 | 81.5 | 1 | 107 | 3.7 | 5 | WH |
| P4SMAJ60CA | 60 | 66.7 | 73.7 | 1 | 96.8 | 4.1 | 5 | WK |
| P4SMAJ64C | 64 | 71.1 | 86.9 | 1 | 114 | 3.5 | 5 | WL |
| P4SMAJ64CA | 64 | 71.1 | 78.6 | 1 | 103 | 3.9 | 5 | WM |
| P4SMAJ70C | 70 | 77.8 | 95.1 | 1 | 125 | 3.2 | 5 | WN |
| P4SMAJ70CA | 70 | 77.8 | 86.0 | 1 | 113 | 3.5 | 5 | WP |
| P4SMAJ75C | 75 | 83.3 | 102 | 1 | 134 | 3.0 | 5 | WQ |
| P4SMAJ75CA | 75 | 83.3 | 92.1 | 1 | 121 | 3.3 | 5 | WR |
| P4SMAJ78C | 78 | 86.7 | 106 | 1 | 139 | 2.9 | 5 | WS |
| P4SMAJ78CA | 78 | 86.7 | 95.8 | 1 | 126 | 2.2 | 5 | WT |
| P4SMAJ85C | 85 | 94.4 | 115 | 1 | 151 | 2.6 | 5 | WU |
| P4SMAJ85CA | 85 | 94.4 | 104 | 1 | 137 | 2.9 | 5 | WV |
| P4SMAJ90C | 90 | 100 | 122 | 1 | 160 | 2.5 | 5 | WW |
| P4SMAJ90CA | 90 | 100 | 111 | 1 | 146 | 2.7 | 5 | WX |
| P4SMAJ100C | 100 | 111 | 136 | 1 | 179 | 2.2 | 5 | WY |
| P4SMAJ100CA | 100 | 111 | 123 | 1 | 162 | 2.5 | 5 | WZ |
| P4SMAJ110C | 110 | 122 | 149 | 1 | 196 | 2.0 | 5 | XD |
| P4SMAJ110CA | 110 | 122 | 135 | 1 | 177 | 2.3 | 5 | XE |
| P4SMAJ120C | 120 | 133 | 163 | 1 | 214 | 1.9 | 5 | XF |
| P4SMAJ120CA | 120 | 133 | 147 | 1 | 193 | 2.0 | 5 | XG |
| P4SMAJ130C | 130 | 144 | 176 | 1 | 231 | 1.7 | 5 | XH |
| P4SMAJ130CA | 130 | 144 | 159 | 1 | 209 | 1.9 | 5 | XK |
| P4SMAJ150C | 150 | 167 | 204 | 1 | 268 | 1.5 | 5 | XL |
| P4SMAJ150CA | 150 | 167 | 185 | 1 | 243 | 1.6 | 5 | XM |
| P4SMAJ160C | 160 | 178 | 218 | 1 | 287 | 1.4 | 5 | XN |
| P4SMAJ160CA | 160 | 178 | 197 | 1 | 259 | 1.5 | 5 | XP |
| P4SMAJ170C | 170 | 189 | 231 | 1 | 304 | 1.3 | 5 | XQ |
| P4SMAJ170CA | 170 | 189 | 209 | 1 | 275 | 1.4 | 5 | XR |