

| Type Number <sup>1</sup> | V <sub>RWM</sub> | V <sub>BR</sub> @ I <sub>T</sub> (Note 2) |      |                | I <sub>R</sub> @ V <sub>RWM</sub> | V <sub>C</sub> @ I <sub>PP</sub> |   |
|--------------------------|------------------|---|------|----------------|-----------------------------------|----------------------------------|---|
|                          |                  | Min.                                      | Max. | I <sub>T</sub> | UNI- / BI-                        | V                                | A |
|                          | V                | V   | V    | mA             | μA                                |                                  |   |

## 1500W Transient Voltage Suppressors / SMC



|              |      |       |       |     |           |       |       |
|--------------|------|-------|-------|-----|-----------|-------|-------|
| SMCJ5.0(C)A* | 5.0  | 6.40  | 7.25  | 10  | 1000/2000 | 9.2   | 163.0 |
| SMCJ6.0(C)A* | 6.0  | 6.67  | 7.67  | 10  | 1000/2000 | 10.3  | 145.6 |
| SMCJ6.5(C)A  | 6.5  | 7.22  | 8.30  | 10  | 500/1000  | 11.2  | 133.9 |
| SMCJ7.0(C)A  | 7.0  | 7.78  | 8.95  | 10  | 200/400   | 12.0  | 125.0 |
| SMCJ7.5(C)A  | 7.5  | 8.33  | 9.58  | 1.0 | 100/200   | 12.9  | 116.3 |
| SMCJ8.0(C)A  | 8.0  | 8.89  | 10.23 | 1.0 | 50/100    | 13.6  | 110.3 |
| SMCJ8.5(C)A  | 8.5  | 9.44  | 10.82 | 1.0 | 20/40     | 14.4  | 104.2 |
| SMCJ9.0(C)A  | 9.0  | 10.00 | 11.50 | 1.0 | 10/20     | 15.4  | 97.4  |
| SMCJ10(C)A   | 10.0 | 11.10 | 12.80 | 1.0 | 5/10      | 17.0  | 88.2  |
| SMCJ11(C)A   | 11.0 | 12.20 | 14.40 | 1.0 | 5.0       | 18.2  | 82.4  |
| SMCJ12(C)A*  | 12.0 | 13.30 | 15.30 | 1.0 | 5.0       | 19.9  | 75.3  |
| SMCJ13(C)A   | 13.0 | 14.40 | 16.50 | 1.0 | 5.0       | 21.5  | 69.7  |
| SMCJ14(C)A   | 14.0 | 15.60 | 17.90 | 1.0 | 5.0       | 23.2  | 64.7  |
| SMCJ15(C)A*  | 15.0 | 16.70 | 19.20 | 1.0 | 5.0       | 24.4  | 61.5  |
| SMCJ16(C)A   | 16.0 | 17.80 | 20.50 | 1.0 | 5.0       | 26.0  | 57.7  |
| SMCJ17(C)A   | 17.0 | 18.90 | 21.70 | 1.0 | 5.0       | 27.6  | 53.3  |
| SMCJ18(C)A   | 18.0 | 20.00 | 23.30 | 1.0 | 5.0       | 29.2  | 51.4  |
| SMCJ20(C)A   | 20.0 | 22.20 | 25.50 | 1.0 | 5.0       | 32.4  | 46.3  |
| SMCJ22(C)A   | 22.0 | 24.40 | 28.00 | 1.0 | 5.0       | 35.5  | 42.2  |
| SMCJ24(C)A   | 24.0 | 26.70 | 30.70 | 1.0 | 5.0       | 38.9  | 38.6  |
| SMCJ26(C)A   | 26.0 | 28.90 | 33.20 | 1.0 | 5.0       | 42.1  | 35.6  |
| SMCJ28(C)A*  | 28.0 | 31.10 | 35.80 | 1.0 | 5.0       | 45.4  | 33.0  |
| SMCJ30(C)A*  | 30.0 | 33.30 | 38.30 | 1.0 | 5.0       | 48.4  | 31.0  |
| SMCJ33(C)A   | 33.0 | 36.70 | 42.20 | 1.0 | 5.0       | 53.3  | 28.1  |
| SMCJ36(C)A*  | 36.0 | 40.00 | 46.00 | 1.0 | 5.0       | 58.1  | 25.8  |
| SMCJ40(C)A   | 40.0 | 44.40 | 51.10 | 1.0 | 5.0       | 64.5  | 23.2  |
| SMCJ43(C)A   | 43.0 | 47.80 | 54.90 | 1.0 | 5.0       | 69.4  | 21.6  |
| SMCJ45(C)A   | 45.0 | 50.00 | 57.50 | 1.0 | 5.0       | 72.7  | 20.6  |
| SMCJ48(C)A   | 48.0 | 53.30 | 61.30 | 1.0 | 5.0       | 77.4  | 19.4  |
| SMCJ51(C)A   | 51.0 | 56.70 | 65.20 | 1.0 | 5.0       | 82.4  | 18.2  |
| SMCJ54(C)A   | 54.0 | 60.00 | 69.00 | 1.0 | 5.0       | 87.1  | 17.2  |
| SMCJ58(C)A   | 58.0 | 64.40 | 74.60 | 1.0 | 5.0       | 93.6  | 16.0  |
| SMCJ60(C)A   | 60.0 | 66.70 | 76.70 | 1.0 | 5.0       | 96.8  | 15.5  |
| SMCJ64(C)A   | 64.0 | 71.10 | 81.80 | 1.0 | 5.0       | 103.0 | 14.6  |
| SMCJ70(C)A   | 70.0 | 77.80 | 89.50 | 1.0 | 5.0       | 113.0 | 13.3  |
| SMCJ75(C)A   | 75.0 | 83.30 | 95.80 | 1.0 | 5.0       | 121.0 | 12.4  |
| SMCJ78(C)A   | 78.0 | 86.70 | 99.70 | 1.0 | 5.0       | 126.0 | 11.4  |
| SMCJ85(C)A   | 85.0 | 94.40 | 108.2 | 1.0 | 5.0       | 137.0 | 10.4  |
| SMCJ90(C)A   | 90.0 | 100.0 | 115.5 | 1.0 | 5.0       | 146.0 | 10.3  |

1. 'C' suffix denotes bi-directional device.  
2. V<sub>BR</sub> measured with I<sub>T</sub> current pulse = 300μs.  
(\*) Preferred Part.