






1500 W Surface Mount Transient Voltage Suppressor

| | | | | | |
|--|--|----------------|--------------|--|------------|
| <p>DO-214AB / SMC</p>  | <table style="width: 100%; border: none;"> <tr> <td style="text-align: center;">Voltage</td> <td style="text-align: center;">Power</td> </tr> <tr> <td style="text-align: center;">6.8 V to 440 V (Uni) 6.8 V to 250 V (Bid)</td> <td style="text-align: center;">1500 W /ms</td> </tr> </table> <div style="text-align: center; margin-top: 10px;">  </div> | Voltage | Power | 6.8 V to 440 V (Uni) 6.8 V to 250 V (Bid) | 1500 W /ms |
| Voltage | Power | | | | |
| 6.8 V to 440 V (Uni) 6.8 V to 250 V (Bid) | 1500 W /ms | | | | |
| <p>FEATURES</p> <ul style="list-style-type: none"> Low profile package Ideal for automated placement 1500 W peak pulse power capability with a 10/1000 μs waveform, repetitive rate (duty cycle): 0.01 % Excellent clamping capability Very fast response time Low incremental surge resistance Available in uni-directional and bi-directional Solder dip 260°C, 10s Component in accordance to RoHS 2002/95/EC and WEEE 2002/96/EC Meets MSL level 1, per J-STD-020, LF maximum peak of 260° C <div style="float: right; text-align: center;">    RoHS COMPLIANT </div> | | | | | |
| <p>MECHANICAL DATA</p> <ul style="list-style-type: none"> Case: DO-214AB (SMC). Epoxy meets UL 94V-0 flammability rating. Polarity: For unidirectional types color band denotes cathode end. No marking on bidirectional types. Terminals: Matte tin plated leads, solderable per MIL-STD-750 Method 2026, J-STD-002 and JESD22-B102. Consumer grade, meets JESD 201 class 1A whisker test. HE3 suffix for high reliability grade (AEC Q101 qualified), meets JESD 201 class 2 whisker test. | | | | | |
| <p>TYPICAL APPLICATIONS</p> <p>Used in sensitive electronics protection against voltage transients induced by inductive load switching and lighting on ICs, MOSFET, signal lines of sensor units for consumer, computer, industrial, automotive and telecommunication.</p> | | | | | |

Maximun Ratings and Electrical Characteristics at 25°C

| | | |
|-----------------|---|------------------|
| P_{PPM} | Peak Pulse Power Dissipation with 10/1000 μ s exponential pulse | 1500 W |
| I_{FSM} | Peak Forward Surge Current 8.3 ms. (Note 1) (Jedec Method) (Note 2) | 200 A |
| V_F | Max. forward voltage drop at $I_F = 100$ A (Note 1) | 3.5 V |
| $T_J - T_{STG}$ | Operating Junction and Storage Temperature Range | - 65 to + 150 °C |

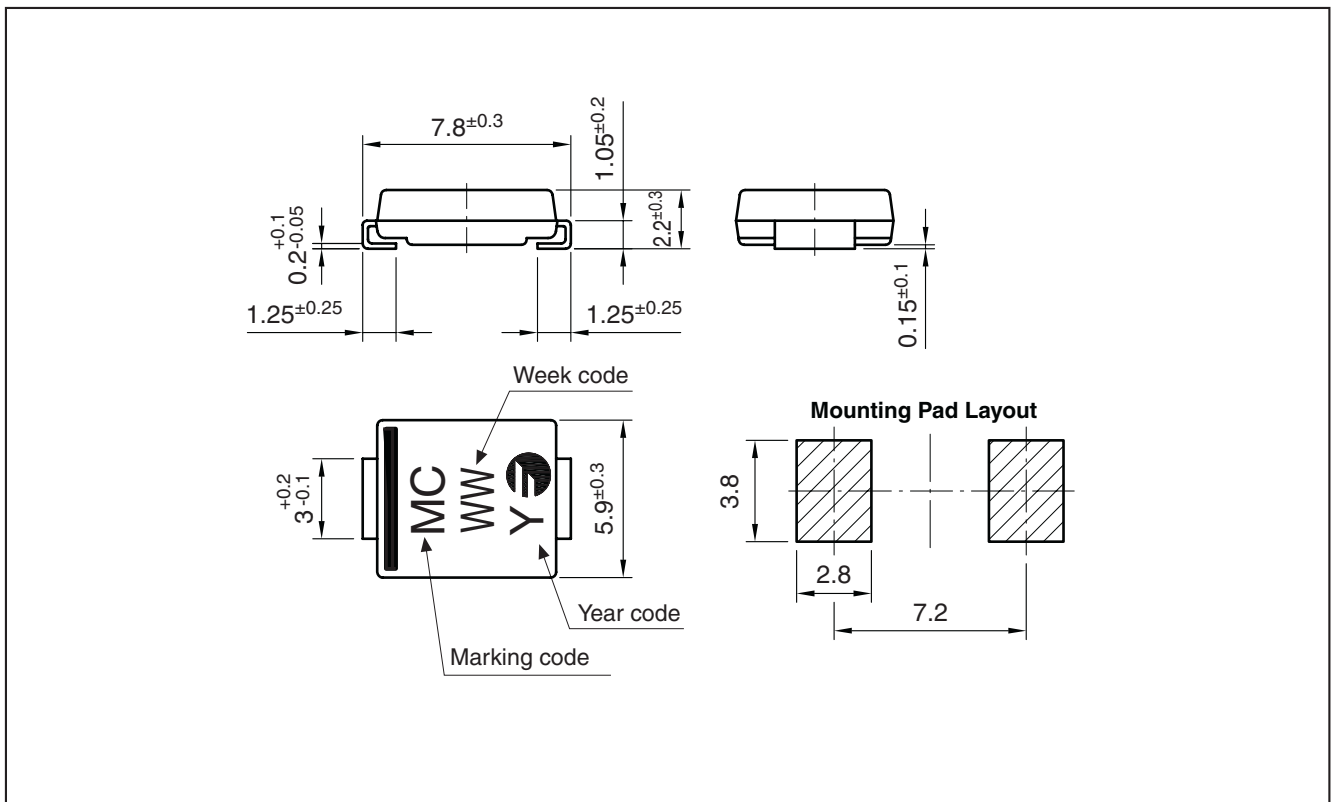
Notes: 1. Only for Unidirectional
 2. Mounted on 0.31 x 0.31" (8.0 x 8.0 mm) copper pads to each terminal

1500 W Surface Mount Transient Voltage Suppressor

Ordering information

| PREFERRED P/N | PACKAGE CODE | DELIVERY MODE | BASE QUANTITY | UNIT WEIGHT (g) |
|---------------------|--------------|----------------------------|---------------|-----------------|
| 1.5SMC33A TRTB | TRTB | 13" diameter tape and reel | 3,500 | 0.201 |
| 1.5SMC33A TRTS | TRTS | 7" diameter tape and reel | 850 | 0.201 |
| 1.5SMC33A HE3 TRTB | TRTB | 13" diameter tape and reel | 3,500 | 0.201 |
| 1.5SMC33A HE3 TRTS | TRTS | 7" diameter tape and reel | 850 | 0.201 |
| 1.5SMC33CA TRTB | TRTB | 13" diameter tape and reel | 3,500 | 0.201 |
| 1.5SMC33CA TRTS | TRTS | 7" diameter tape and reel | 850 | 0.201 |
| 1.5SMC33CA HE3 TRTB | TRTB | 13" diameter tape and reel | 3,500 | 0.201 |
| 1.5SMC33CA HE3 TRTS | TRTS | 7" diameter tape and reel | 850 | 0.201 |

Package Outline Dimensions: (mm) DO-214AB / SMC



1500 W Surface Mount Transient Voltage Suppressor

| Type | | Maximum Reverse Leakage Current | | (1) Breakdown Voltage | | | I_R | Max. Clamping Voltage | |
|----------------|--------------|---------------------------------|-------------|-----------------------|------|------|-------|-----------------------|-------------|
| | | I_{RM} | at V_{RM} | V_{BR} at | | | | V_{CL} | at I_{pp} |
| Unidirectional | Marking Code | (μA) | (V) | Min. | Nom. | Max. | (mA) | (V) | (A) |
| 1.5SMC6V8 | UAA | 1000 | 5.50 | 6.12 | 6.8 | 7.48 | 10 | 10.8 | 139 |
| 1.5SMC6V8A | UAB | 1000 | 5.80 | 6.45 | 6.8 | 7.14 | 10 | 10.5 | 143 |
| 1.5SMC7V5 | UAC | 500 | 6.05 | 6.75 | 7.5 | 8.25 | 10 | 11.7 | 128 |
| 1.5SMC7V5A | UAD | 500 | 6.40 | 7.13 | 7.5 | 7.88 | 10 | 11.3 | 132 |
| 1.5SMC8V2 | UAE | 200 | 6.63 | 7.38 | 8.2 | 9.02 | 10 | 12.5 | 120 |
| 1.5SMC8V2A | UAF | 200 | 7.02 | 7.79 | 8.2 | 8.61 | 10 | 12.1 | 124 |
| 1.5SMC9V1 | UAG | 50 | 7.37 | 8.19 | 9.1 | 10.0 | 1 | 13.8 | 109 |
| 1.5SMC9V1A | UAH | 50 | 7.78 | 8.65 | 9.1 | 9.55 | 1 | 13.4 | 112 |
| 1.5SMC10 | UAK | 10 | 8.10 | 9.00 | 10 | 11.0 | 1 | 15.0 | 100 |
| 1.5SMC10A | UAL | 10 | 8.55 | 9.50 | 10 | 10.5 | 1 | 14.5 | 103 |
| 1.5SMC11 | UAM | 5 | 8.92 | 9.90 | 11 | 12.1 | 1 | 16.2 | 93 |
| 1.5SMC11A | UAN | 5 | 9.40 | 10.5 | 11 | 11.6 | 1 | 15.6 | 96 |
| 1.5SMC12 | UAP | 5 | 9.72 | 10.8 | 12 | 13.2 | 1 | 17.3 | 87 |
| 1.5SMC12A | UAR | 5 | 10.2 | 11.4 | 12 | 12.6 | 1 | 16.7 | 90 |
| 1.5SMC13 | UAS | 5 | 10.5 | 11.7 | 13 | 14.3 | 1 | 19.0 | 79 |
| 1.5SMC13A | UAT | 5 | 11.1 | 12.4 | 13 | 13.7 | 1 | 18.2 | 82 |
| 1.5SMC15 | UAU | 5 | 12.1 | 13.5 | 15 | 16.5 | 1 | 22.0 | 68 |
| 1.5SMC15A | UAV | 5 | 12.8 | 14.3 | 15 | 15.8 | 1 | 21.2 | 71 |
| 1.5SMC16 | UAW | 5 | 12.9 | 14.4 | 16 | 17.6 | 1 | 23.5 | 64 |
| 1.5SMC16A | UAX | 5 | 13.6 | 15.2 | 16 | 16.8 | 1 | 22.5 | 67 |
| 1.5SMC18 | UAY | 5 | 14.5 | 16.2 | 18 | 19.8 | 1 | 26.5 | 56.5 |
| 1.5SMC18A | UAZ | 5 | 15.3 | 17.1 | 18 | 18.9 | 1 | 25.5 | 59.5 |
| 1.5SMC20 | UBA | 5 | 16.2 | 18.0 | 20 | 22.0 | 1 | 29.1 | 51.5 |
| 1.5SMC20A | UBB | 5 | 17.1 | 19.0 | 20 | 21.0 | 1 | 27.7 | 54 |
| 1.5SMC22 | UBC | 5 | 17.8 | 19.8 | 22 | 24.2 | 1 | 31.9 | 47 |
| 1.5SMC22A | UBD | 5 | 18.8 | 20.9 | 22 | 23.1 | 1 | 30.6 | 49 |
| 1.5SMC24 | UBE | 5 | 19.4 | 21.6 | 24 | 26.4 | 1 | 34.7 | 43 |
| 1.5SMC24A | UBF | 5 | 20.5 | 22.8 | 24 | 25.2 | 1 | 33.2 | 45 |
| 1.5SMC27 | UBG | 5 | 21.8 | 24.3 | 27 | 29.7 | 1 | 39.1 | 38.5 |
| 1.5SMC27A | UBH | 5 | 23.1 | 25.7 | 27 | 28.4 | 1 | 37.5 | 40 |
| 1.5SMC30 | UBK | 5 | 24.3 | 27.0 | 30 | 33.0 | 1 | 43.5 | 34.5 |
| 1.5SMC30A | UBL | 5 | 25.6 | 28.5 | 30 | 31.5 | 1 | 41.4 | 36 |
| 1.5SMC33 | UBM | 5 | 26.8 | 29.7 | 33 | 36.3 | 1 | 47.7 | 31.5 |
| 1.5SMC33A | UBN | 5 | 28.2 | 31.4 | 33 | 34.7 | 1 | 45.7 | 33 |
| 1.5SMC36 | UBP | 5 | 29.1 | 32.4 | 36 | 39.6 | 1 | 52.0 | 29 |
| 1.5SMC36A | UBR | 5 | 30.8 | 34.2 | 36 | 37.8 | 1 | 49.9 | 30 |
| 1.5SMC39 | UBS | 5 | 31.6 | 35.1 | 39 | 42.9 | 1 | 56.4 | 26.5 |
| 1.5SMC39A | UBT | 5 | 33.3 | 37.1 | 39 | 41.0 | 1 | 53.9 | 28 |
| 1.5SMC43 | UBU | 5 | 34.8 | 38.7 | 43 | 47.3 | 1 | 61.9 | 24 |
| 1.5SMC43A | UBV | 5 | 36.8 | 40.9 | 43 | 45.2 | 1 | 59.3 | 25.3 |
| 1.5SMC47 | UBW | 5 | 38.1 | 42.3 | 47 | 51.7 | 1 | 67.8 | 22.2 |
| 1.5SMC47A | UBX | 5 | 40.2 | 44.7 | 47 | 49.4 | 1 | 64.8 | 23.2 |
| 1.5SMC51 | UBY | 5 | 41.3 | 45.9 | 51 | 56.1 | 1 | 73.5 | 20.4 |
| 1.5SMC51A | UBZ | 5 | 43.6 | 48.5 | 51 | 53.6 | 1 | 70.1 | 21.4 |

(1) Tested with pulses.
Pulse test: $t_p \leq 50$ ms; $\delta < 2\%$

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| Type | | Maximum Reverse Leakage Current I_{RM} at V_{RM} | | (1) Breakdown Voltage V_{BR} at I_R | | | | Max. Clamping Voltage V_{CL} at I_{PP} max. 1ms. Expo. | |
|----------------|--------------|---|------|--|------|------|------|--|------|
| Unidirectional | Marking Code | (μ A) | (V) | Min. | Nom. | Max. | (mA) | (V) | (A) |
| 1.5SMC56 | UCA | 5 | 45.4 | 50.4 | 56 | 61.6 | 1 | 80.5 | 18.6 |
| 1.5SMC56A | UCB | 5 | 47.8 | 53.2 | 56 | 58.8 | 1 | 77.0 | 19.5 |
| 1.5SMC62 | UCC | 5 | 50.2 | 55.8 | 62 | 68.2 | 1 | 89.0 | 16.9 |
| 1.5SMC62A | UCD | 5 | 53.0 | 58.9 | 62 | 65.1 | 1 | 85.0 | 17.7 |
| 1.5SMC68 | UCE | 5 | 55.1 | 61.2 | 68 | 74.8 | 1 | 98.0 | 15.3 |
| 1.5SMC68A | UCF | 5 | 58.1 | 64.6 | 68 | 71.4 | 1 | 92.0 | 16.3 |
| 1.5SMC75 | UCG | 5 | 60.7 | 67.5 | 75 | 82.5 | 1 | 108 | 13.9 |
| 1.5SMC75A | UCH | 5 | 64.1 | 71.3 | 75 | 78.8 | 1 | 103 | 14.6 |
| 1.5SMC82 | UCK | 5 | 66.4 | 73.8 | 82 | 90.2 | 1 | 118 | 12.7 |
| 1.5SMC82A | UCL | 5 | 70.1 | 77.9 | 82 | 86.1 | 1 | 113 | 13.3 |
| 1.5SMC91 | UCM | 5 | 73.7 | 81.9 | 91 | 100 | 1 | 131 | 11.4 |
| 1.5SMC91A | UCN | 5 | 77.8 | 86.5 | 91 | 95.5 | 1 | 125 | 12 |
| 1.5SMC100 | UCP | 5 | 81.0 | 90.0 | 100 | 110 | 1 | 144 | 10.4 |
| 1.5SMC100A | UCR | 5 | 85.5 | 95.0 | 100 | 105 | 1 | 137 | 11 |
| 1.5SMC110 | UCS | 5 | 89.2 | 99.0 | 110 | 121 | 1 | 158 | 9.5 |
| 1.5SMC110A | UCT | 5 | 94.0 | 105 | 110 | 116 | 1 | 152 | 9.9 |
| 1.5SMC120 | UCU | 5 | 97.2 | 108 | 120 | 132 | 1 | 173 | 8.7 |
| 1.5SMC120A | UCV | 5 | 102 | 114 | 120 | 126 | 1 | 165 | 9.1 |
| 1.5SMC130 | UCW | 5 | 105 | 117 | 130 | 143 | 1 | 187 | 8 |
| 1.5SMC130A | UCX | 5 | 111 | 124 | 130 | 137 | 1 | 179 | 8.4 |
| 1.5SMC150 | UCY | 5 | 121 | 135 | 150 | 165 | 1 | 215 | 7 |
| 1.5SMC150A | UCZ | 5 | 128 | 143 | 150 | 158 | 1 | 207 | 7.2 |
| 1.5SMC160 | UDA | 5 | 130 | 144 | 160 | 176 | 1 | 230 | 6.5 |
| 1.5SMC160A | UDB | 5 | 136 | 152 | 160 | 168 | 1 | 219 | 6.8 |
| 1.5SMC170 | UDC | 5 | 138 | 153 | 170 | 187 | 1 | 244 | 6.2 |
| 1.5SMC170A | UDD | 5 | 145 | 162 | 170 | 179 | 1 | 234 | 6.4 |
| 1.5SMC180 | UDE | 5 | 146 | 162 | 180 | 198 | 1 | 258 | 5.8 |
| 1.5SMC180A | UDF | 5 | 154 | 171 | 180 | 189 | 1 | 246 | 6.1 |
| 1.5SMC200 | UDG | 5 | 162 | 180 | 200 | 220 | 1 | 287 | 5.2 |
| 1.5SMC200A | UDH | 5 | 171 | 190 | 200 | 210 | 1 | 274 | 5.5 |
| 1.5SMC220 | UDK | 5 | 175 | 198 | 220 | 242 | 1 | 344 | 4.3 |
| 1.5SMC220A | UDL | 5 | 185 | 209 | 220 | 231 | 1 | 328 | 4.6 |
| 1.5SMC250A | UDI | 5 | 214 | 237 | 250 | 262 | 1 | 344 | 4.4 |
| 1.5SMC300A | UDJ | 5 | 256 | 285 | 300 | 315 | 1 | 414 | 3.6 |
| 1.5SMC350A | UDQ | 5 | 300 | 333 | 350 | 368 | 1 | 482 | 3.1 |
| 1.5SMC400A | UDU | 5 | 342 | 380 | 400 | 420 | 1 | 548 | 2.7 |
| 1.5SMC440A | UDV | 5 | 376 | 418 | 440 | 482 | 1 | 602 | 2.5 |

(1) Tested with pulses.
Pulse test: $t_p \leq 50$ ms; $\delta < 2\%$

1500 W Surface Mount Transient Voltage Suppressor

| Type | | Maximum Reverse Leakage Current I_{RM} at V_{RM} | | (1) Breakdown Voltage V_{BR} at I_R (V) | | | Max. Clamping Voltage V_{CL} at I_{pp} max. 1ms. Expo. | | |
|---------------|--------------|---|------|---|------|-------|--|------|------|
| Bidirectional | Marking Code | (μ A) | (V) | Min. | Nom. | Max. | (mA) | (V) | (A) |
| 1.5SMC6V8C | BGA | 1000 | 5.50 | 6.12 | 6.8 | 7.48 | 10 | 10.8 | 139 |
| 1.5SMC6V8CA | BGB | 1000 | 5.80 | 6.45 | 6.8 | 7.14 | 10 | 10.5 | 143 |
| 1.5SMC7V5C | BGC | 500 | 6.05 | 6.75 | 7.5 | 8.25 | 10 | 11.7 | 128 |
| 1.5SMC7V5CA | BGD | 500 | 6.40 | 7.13 | 7.5 | 7.88 | 10 | 11.3 | 132 |
| 1.5SMC8V2C | BGE | 200 | 6.63 | 7.38 | 8.2 | 9.02 | 10 | 12.5 | 120 |
| 1.5SMC8V2CA | BGF | 200 | 7.02 | 7.79 | 8.2 | 8.61 | 10 | 12.1 | 124 |
| 1.5SMC9V1C | BGG | 50 | 7.37 | 8.19 | 9.1 | 10.00 | 1 | 13.8 | 109 |
| 1.5SMC9V1CA | BGH | 50 | 7.78 | 8.65 | 9.1 | 9.55 | 1 | 13.4 | 112 |
| 1.5SMC10C | BGK | 10 | 8.10 | 9.00 | 10 | 11.0 | 1 | 15.0 | 100 |
| 1.5SMC10CA | BGL | 10 | 8.55 | 9.50 | 10 | 10.5 | 1 | 14.5 | 103 |
| 1.5SMC11C | BGM | 5 | 8.92 | 9.90 | 11 | 12.1 | 1 | 16.2 | 93 |
| 1.5SMC11CA | BGN | 5 | 9.40 | 10.5 | 11 | 11.6 | 1 | 15.6 | 96 |
| 1.5SMC12C | BGP | 5 | 9.72 | 10.8 | 12 | 13.2 | 1 | 17.3 | 87 |
| 1.5SMC12CA | BGR | 5 | 10.2 | 11.4 | 12 | 12.6 | 1 | 16.7 | 90 |
| 1.5SMC13C | BGS | 5 | 10.5 | 11.7 | 13 | 14.3 | 1 | 19.0 | 79 |
| 1.5SMC13CA | BGT | 5 | 11.1 | 12.4 | 13 | 13.7 | 1 | 18.2 | 82 |
| 1.5SMC15C | BGU | 5 | 12.1 | 13.5 | 15 | 16.5 | 1 | 22.0 | 68 |
| 1.5SMC15CA | BGV | 5 | 12.8 | 14.3 | 15 | 15.8 | 1 | 21.2 | 71 |
| 1.5SMC16C | BGW | 5 | 12.9 | 14.4 | 16 | 17.6 | 1 | 23.5 | 64 |
| 1.5SMC16CA | BGX | 5 | 13.6 | 15.2 | 16 | 16.8 | 1 | 22.5 | 67 |
| 1.5SMC18C | BGY | 5 | 14.5 | 16.2 | 18 | 19.8 | 1 | 26.5 | 56.5 |
| 1.5SMC18CA | BGZ | 5 | 15.3 | 17.1 | 18 | 18.9 | 1 | 25.5 | 59.5 |
| 1.5SMC20C | BHA | 5 | 16.2 | 18.0 | 20 | 22.0 | 1 | 29.1 | 51.5 |
| 1.5SMC20CA | BHB | 5 | 17.1 | 19.0 | 20 | 21.0 | 1 | 27.7 | 54 |
| 1.5SMC22C | BHC | 5 | 17.8 | 19.8 | 22 | 24.2 | 1 | 31.9 | 47 |
| 1.5SMC22CA | BHD | 5 | 18.8 | 20.9 | 22 | 23.1 | 1 | 30.6 | 49 |
| 1.5SMC24C | BHE | 5 | 19.4 | 21.6 | 24 | 26.4 | 1 | 34.7 | 43 |
| 1.5SMC24CA | BHF | 5 | 20.5 | 22.8 | 24 | 25.2 | 1 | 33.2 | 45 |
| 1.5SMC27C | BHG | 5 | 21.8 | 24.3 | 27 | 29.7 | 1 | 39.1 | 38.5 |
| 1.5SMC27CA | BHH | 5 | 23.1 | 25.7 | 27 | 28.4 | 1 | 37.5 | 40 |
| 1.5SMC30C | BHK | 5 | 24.3 | 27.0 | 30 | 33.0 | 1 | 43.5 | 34.5 |
| 1.5SMC30CA | BHL | 5 | 25.6 | 28.5 | 30 | 31.5 | 1 | 41.4 | 36 |
| 1.5SMC33C | BHM | 5 | 26.8 | 29.7 | 33 | 36.3 | 1 | 47.7 | 31.5 |
| 1.5SMC33CA | BHN | 5 | 28.2 | 31.4 | 33 | 34.7 | 1 | 45.7 | 33 |
| 1.5SMC36C | BHP | 5 | 29.1 | 32.4 | 36 | 39.6 | 1 | 52.0 | 29 |
| 1.5SMC36CA | BHR | 5 | 30.8 | 34.2 | 36 | 37.8 | 1 | 49.9 | 30 |
| 1.5SMC39C | BHS | 5 | 31.6 | 35.1 | 39 | 42.9 | 1 | 56.4 | 26.5 |
| 1.5SMC39CA | BHT | 5 | 33.3 | 37.1 | 39 | 41.0 | 1 | 53.9 | 28 |
| 1.5SMC43C | BHU | 5 | 34.8 | 38.7 | 43 | 47.3 | 1 | 61.9 | 24 |
| 1.5SMC43CA | BHV | 5 | 36.8 | 40.9 | 43 | 45.2 | 1 | 59.3 | 25.3 |
| 1.5SMC47C | BHW | 5 | 38.1 | 42.3 | 47 | 51.7 | 1 | 67.8 | 22.2 |
| 1.5SMC47CA | BHX | 5 | 40.2 | 44.7 | 47 | 49.4 | 1 | 64.8 | 23.2 |
| 1.5SMC51C | BHY | 5 | 41.3 | 45.9 | 51 | 56.1 | 1 | 73.5 | 20.4 |
| 1.5SMC51CA | BHZ | 5 | 43.6 | 48.5 | 51 | 53.6 | 1 | 70.1 | 21.4 |

(1) Tested with pulses.
Pulse test: $t_p \leq 50$ ms; $\delta < 2\%$

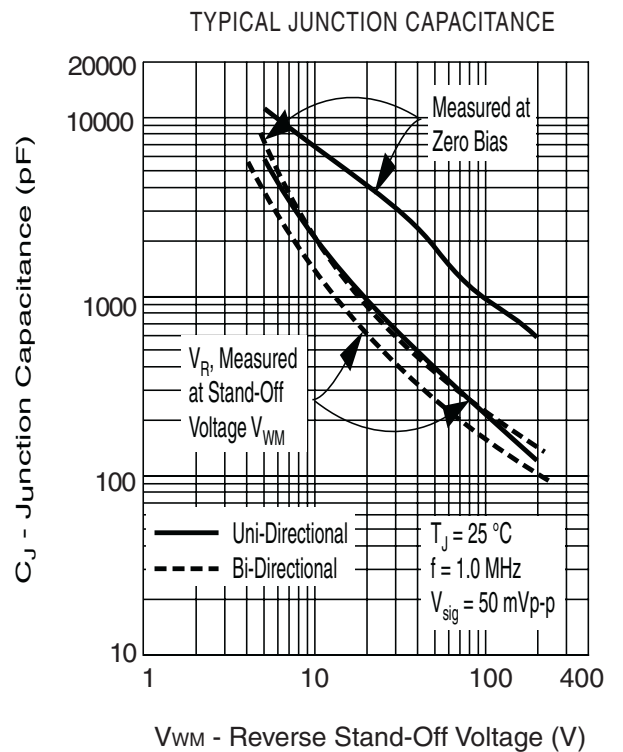
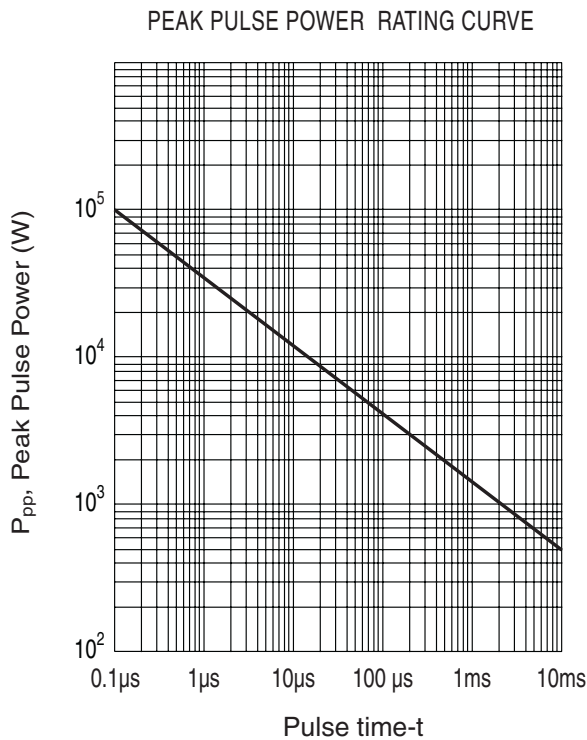
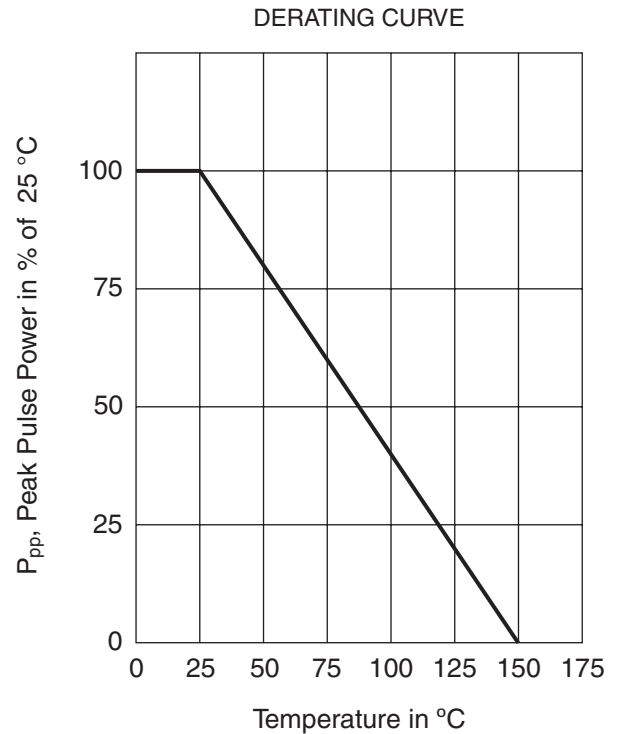
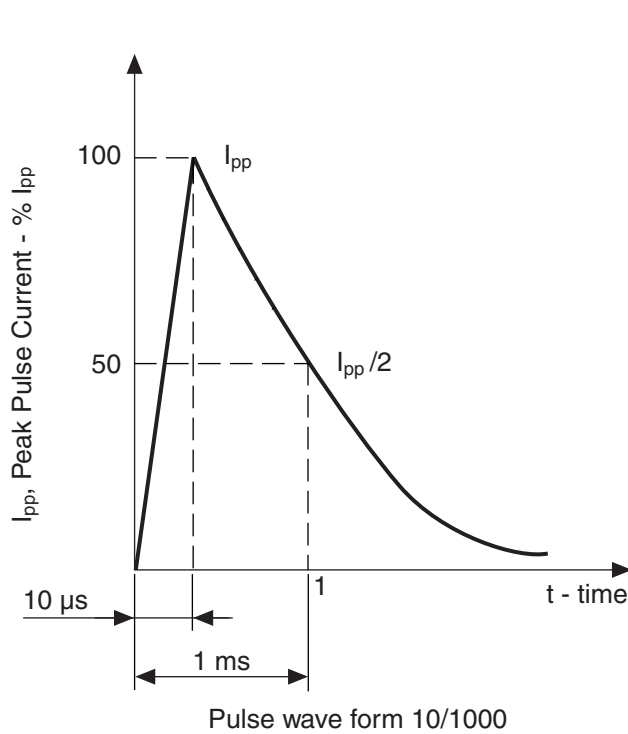
1500 W Surface Mount Transient Voltage Suppressor

| Type | | Maximum Reverse Leakage Current I_{RM} at V_{RM} | | (1) Breakdown Voltage V_{BR} at I_R | | | | Max. Clamping Voltage V_{CL} at I_{PP} max. 1ms. Expo. | |
|---------------|--------------|---|------|--|------|------|------|--|------|
| Bidirectional | Marking Code | (μ A) | (V) | Min. | Nom. | Max. | (mA) | (V) | (A) |
| 1.5SMC56C | BKA | 5 | 45.4 | 50.4 | 56 | 61.6 | 1 | 80.5 | 18.6 |
| 1.5SMC56CA | BKB | 5 | 47.8 | 53.2 | 56 | 58.8 | 1 | 77.0 | 19.5 |
| 1.5SMC62C | BKC | 5 | 50.2 | 55.8 | 62 | 68.2 | 1 | 89.0 | 16.9 |
| 1.5SMC62CA | BKD | 5 | 53.0 | 58.9 | 62 | 65.1 | 1 | 85.0 | 17.7 |
| 1.5SMC68C | BKE | 5 | 55.1 | 61.2 | 68 | 74.8 | 1 | 98.0 | 15.3 |
| 1.5SMC68CA | BKF | 5 | 58.1 | 64.6 | 68 | 71.4 | 1 | 92.0 | 16.3 |
| 1.5SMC75C | BKG | 5 | 60.7 | 67.5 | 75 | 82.5 | 1 | 108 | 13.9 |
| 1.5SMC75CA | BKH | 5 | 64.1 | 71.3 | 75 | 78.8 | 1 | 103 | 14.6 |
| 1.5SMC82C | BKK | 5 | 66.4 | 73.8 | 82 | 90.2 | 1 | 118 | 12.7 |
| 1.5SMC82CA | BKL | 5 | 70.1 | 77.9 | 82 | 86.1 | 1 | 113 | 13.3 |
| 1.5SMC91C | BKM | 5 | 73.7 | 81.9 | 91 | 100 | 1 | 131 | 11.4 |
| 1.5SMC91CA | BKN | 5 | 77.8 | 86.5 | 91 | 95.5 | 1 | 125 | 12 |
| 1.5SMC100C | BKP | 5 | 81.0 | 90.0 | 100 | 110 | 1 | 144 | 10.4 |
| 1.5SMC100CA | BKR | 5 | 85.5 | 95.0 | 100 | 105 | 1 | 137 | 11 |
| 1.5SMC110C | BKS | 5 | 89.2 | 99.0 | 110 | 121 | 1 | 158 | 9.5 |
| 1.5SMC110CA | BKT | 5 | 94.0 | 105 | 110 | 116 | 1 | 152 | 9.9 |
| 1.5SMC120C | BKU | 5 | 97.2 | 108 | 120 | 132 | 1 | 173 | 8.7 |
| 1.5SMC120CA | BKV | 5 | 102 | 114 | 120 | 126 | 1 | 165 | 9.1 |
| 1.5SMC130C | BKW | 5 | 105 | 117 | 130 | 143 | 1 | 187 | 8 |
| 1.5SMC130CA | BKX | 5 | 111 | 124 | 130 | 137 | 1 | 179 | 8.4 |
| 1.5SMC150C | BKY | 5 | 121 | 135 | 150 | 165 | 1 | 215 | 7 |
| 1.5SMC150CA | BKZ | 5 | 128 | 143 | 150 | 158 | 1 | 207 | 7.2 |
| 1.5SMC160C | BLA | 5 | 130 | 144 | 160 | 176 | 1 | 230 | 6.5 |
| 1.5SMC160CA | BLB | 5 | 136 | 152 | 160 | 168 | 1 | 219 | 6.8 |
| 1.5SMC170C | BLC | 5 | 138 | 153 | 170 | 187 | 1 | 244 | 6.2 |
| 1.5SMC170CA | BLD | 5 | 145 | 162 | 170 | 179 | 1 | 234 | 6.4 |
| 1.5SMC180C | BLE | 5 | 146 | 162 | 180 | 198 | 1 | 258 | 5.8 |
| 1.5SMC180CA | BLF | 5 | 154 | 171 | 180 | 189 | 1 | 246 | 6.1 |
| 1.5SMC200C | BLG | 5 | 162 | 180 | 200 | 220 | 1 | 287 | 5.2 |
| 1.5SMC200CA | BLH | 5 | 171 | 190 | 200 | 210 | 1 | 274 | 5.5 |
| 1.5SMC220C | BLK | 5 | 175 | 198 | 220 | 242 | 1 | 344 | 4.3 |
| 1.5SMC220CA | BLL | 5 | 185 | 209 | 220 | 231 | 1 | 328 | 4.6 |
| 1.5SMC250C | BHI | 5 | 204 | 225 | 250 | 275 | 1 | 350 | 4.1 |
| 1.5SMC250CA | BHJ | 5 | 214 | 237 | 250 | 262 | 1 | 344 | 4.4 |

(1) Tested with pulses.
Pulse test: $t_p \leq 50$ ms; $\delta < 2\%$

1500 W Surface Mount Transient Voltage Suppressor

Ratings and Characteristics (Ta 25 °C unless otherwise noted)



1500 W Surface Mount Transient Voltage Suppressor

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