

## GENERAL PURPOSE &amp; INDUSTRIAL

## TRANSIENT VOLTAGE SUPPRESSORS «TRANSIL»

| Type           |               | Marking        |               | $I_{RM}$ @ $V_{RM}$ |     | $V_{(BR)}^*$ @ $I_R$ |     |     |      | $V_{(CL)}$ @ $I_{pp}$<br>1 ms expo |     | $\alpha_T$ max          | Package |
|----------------|---------------|----------------|---------------|---------------------|-----|----------------------|-----|-----|------|------------------------------------|-----|-------------------------|---------|
| Unidirectional | Bidirectional | Unidirectional | Bidirectional | ( $\mu A$ )         | (V) | min                  | nom | max | (mA) | (V)                                | (A) | ( $10^{-4}/^{\circ}C$ ) |         |

1.5 KW / 1 ms expo.

IFSM = 150 A - 10 ms for unidirectional

|            |             |     |     |      |      |      |     |      |    |      |      |      |        |
|------------|-------------|-----|-----|------|------|------|-----|------|----|------|------|------|--------|
| SM15T 6V8  | SM15T 6V8C  | MDD | BDD | 1000 | 5.5  | 6.12 | 6.8 | 7.48 | 10 | 10.8 | 139  | 5.7  | SOD 15 |
| SM15T 6V8A | SM15T 6V8CA | MDE | BDE | 1000 | 5.8  | 6.45 | 6.8 | 7.14 | 10 | 10.5 | 143  | 5.7  |        |
| SM15T 7V5  | SM15T 7V5C  | MDF | BDF | 1000 | 6.05 | 6.75 | 7.5 | 8.25 | 10 | 11.7 | 128  | 6.1  |        |
| SM15T 7V5A | SM15T 7V5CA | MDG | BDG | 1000 | 6.4  | 7.13 | 7.5 | 7.88 | 10 | 11.3 | 132  | 6.1  |        |
| SM15T 10   | SM15T 10C   | MDN | BDN | 10   | 8.1  | 9.0  | 10  | 11   | 1  | 15   | 100  | 7.3  |        |
| SM15T 10A  | SM15T 10CA  | MDP | BDP | 10   | 8.55 | 9.5  | 10  | 10.5 | 1  | 14.5 | 103  | 7.3  |        |
| SM15T 12   | SM15T 12C   | MDS | BDS | 5    | 9.72 | 10.8 | 12  | 13.2 | 1  | 17.3 | 87   | 7.8  |        |
| SM15T 12A  | SM15T 12CA  | MDT | BDT | 5    | 10.2 | 11.4 | 12  | 12.6 | 1  | 16.7 | 90   | 7.8  |        |
| SM15T 15   | SM15T 15C   | MDW | BDW | 5    | 12.1 | 13.5 | 15  | 16.5 | 1  | 22   | 68   | 8.4  |        |
| SM15T 15A  | SM15T 15CA  | MDX | BDX | 5    | 12.8 | 14.3 | 15  | 15.8 | 1  | 21.2 | 71   | 8.4  |        |
| SM15T 18   | SM15T 18C   | MED | BED | 5    | 14.5 | 16.2 | 18  | 19.8 | 1  | 26.5 | 56.5 | 8.8  |        |
| SM15T 18A  | SM15T 18CA  | MEE | BEE | 5    | 15.3 | 17.1 | 18  | 18.9 | 1  | 25.2 | 59.5 | 8.8  |        |
| SM15T 22   | SM15T 22C   | MEH | BEH | 5    | 17.8 | 19.8 | 22  | 24.2 | 1  | 31.9 | 47   | 9.2  |        |
| SM15T 22A  | SM15T 22CA  | MEK | BEK | 5    | 18.8 | 20.9 | 22  | 23.1 | 1  | 30.6 | 49   | 9.2  |        |
| SM15T 24   | SM15T 24C   | MEL | BEL | 5    | 19.4 | 21.6 | 24  | 26.4 | 1  | 34.7 | 43   | 9.4  |        |
| SM15T 24A  | SM15T 24CA  | MEM | BEM | 5    | 20.5 | 22.8 | 24  | 25.2 | 1  | 33.2 | 45   | 9.4  |        |
| SM15T 27   | SM15T 27C   | MEN | BEN | 5    | 21.8 | 24.3 | 27  | 29.7 | 1  | 39.1 | 38.5 | 9.6  |        |
| SM15T 27A  | SM15T 27CA  | MEP | BEP | 5    | 23.1 | 25.7 | 27  | 28.4 | 1  | 37.5 | 40   | 9.6  |        |
| SM15T 30   | SM15T 30C   | MEQ | BEQ | 5    | 24.3 | 27   | 30  | 33   | 1  | 43.5 | 34.5 | 9.7  |        |
| SM15T 30A  | SM15T 30CA  | MER | BER | 5    | 25.6 | 28.5 | 30  | 31.5 | 1  | 41.4 | 36   | 9.7  |        |
| SM15T 33   | SM15T 33C   | MES | BES | 5    | 26.8 | 29.7 | 33  | 36.3 | 1  | 47.7 | 31.5 | 9.8  |        |
| SM15T 33A  | SM15T 33CA  | MET | BET | 5    | 28.2 | 31.4 | 33  | 34.7 | 1  | 45.7 | 33   | 9.8  |        |
| SM15T 36   | SM15T 36C   | MEU | BEU | 5    | 29.1 | 32.4 | 36  | 39.6 | 1  | 52   | 29   | 9.9  |        |
| SM15T 36A  | SM15T 36CA  | MEV | BEV | 5    | 30.8 | 34.2 | 36  | 37.8 | 1  | 49.9 | 30   | 9.9  |        |
| SM15T 39   | SM15T 39C   | MEW | BEW | 5    | 31.6 | 35.1 | 39  | 42.9 | 1  | 56.4 | 26.5 | 10.0 |        |
| SM15T 39A  | SM15T 39CA  | MEX | BEX | 5    | 33.3 | 37.1 | 39  | 41   | 1  | 53.9 | 28   | 10.0 |        |
| SM15T 68   | SM15T 68C   | MFN | BFN | 5    | 55.1 | 61.2 | 68  | 74.8 | 1  | 98   | 15.3 | 10.4 |        |
| SM15T 68A  | SM15T 68CA  | MFP | BFP | 5    | 58.1 | 64.6 | 68  | 71.4 | 1  | 92   | 16.3 | 10.4 |        |
| SM15T 100  | SM15T 100C  | MFV | BFV | 5    | 81   | 90   | 100 | 110  | 1  | 144  | 10.4 | 10.6 |        |
| SM15T 100A | SM15T 100CA | MFN | BFN | 5    | 85.5 | 95   | 100 | 105  | 1  | 137  | 11   | 10.6 |        |
| SM15T 150  | SM15T 150C  | MGH | BGH | 5    | 121  | 135  | 150 | 165  | 1  | 215  | 7    | 10.8 |        |
| SM15T 150A | SM15T 150CA | MGK | BGK | 5    | 128  | 143  | 150 | 158  | 1  | 207  | 7.2  | 10.8 |        |
| SM15T 200  | SM15T 200C  | MGU | BGU | 5    | 162  | 180  | 200 | 220  | 1  | 287  | 5.2  | 10.8 |        |
| SM15T 200A | SM15T 200CA | MGV | BGV | 5    | 171  | 190  | 200 | 210  | 1  | 274  | 5.5  | 10.8 |        |
| SM15T 220  |             | MGW |     | 5    | 175  | 198  | 220 | 242  | 1  | 344  | 4.3  | 10.8 |        |
| SM15T 220A |             | MGX |     | 5    | 185  | 209  | 220 | 231  | 1  | 328  | 4.6  | 10.8 |        |

\* Pulse test  $t_p \leq 50$  ms  $\delta < 2\%$ .

For other voltages, please contact our sales offices.