




## ZINC OXIDE VARISTOR 200

| Part No. | Maximum Allowable Voltage |           | Maximum Energy<br>10/1000 $\mu$ s<br>(J) | Withstanding Surge Current |         | Rated Wattage<br>(W) | Varistor Voltage<br>V1mA<br>(V) | Maximum Clamping Voltage<br>V100A<br>(V) |    |
|----------|---------------------------|-----------|--|----------------------------|---------|----------------------|---------------------------------|--|---|
|          | ACrms<br>(V)              | DC<br>(V) |  | 1 time<br>(A)              | 2 times |                      |                                 |  |   |
| 182KD20  | 1000                      | 1465      | 560.0                                    | 6500                       | 4000    | 1.0                  | 1800 (1620-1980)                | 2970                                     |   |
| 152KD20  | 750                       | 1300      | 420.0                                    |                            |         |                      | 1500(1350-1650)                 | 2475                                     |   |
| 112KD20  | 680                       | 895       | 280.0                                    |                            |         |                      | 1100 (990-1210)                 | 1815                                     | •   |
| 102KD20  | 625                       | 825       | 280.0                                    |                            |         |                      | 1000 (900-1100)                 | 1650                                     | •   |
| 911KD20  | 550                       | 745       | 280.0                                    |                            |         |                      | 910 (819-1001)                  | 1500                                     | •   |
| 821KD20  | 510                       | 670       | 266.0                                    |                            |         |                      | 820 (738-902)                   | 1355                                     | •   |
| 781KD20  | 485                       | 640       | 266.0                                    |                            |         |                      | 780 (702-858)                   | 1290                                     | •   |
| 751KD20  | 460                       | 615       | 266.0                                    |                            |         |                      | 750 (675-825)                   | 1240                                     | •   |
| 681KD20  | 420                       | 560       | 224.0                                    |                            |         |                      | 680 (612-748)                   | 1120                                     | •   |
| 621KD20  | 385                       | 505       | 224.0                                    |                            |         |                      | 620 (558-682)                   | 1025                                     | •   |
| 561KD20  | 350                       | 460       | 210.0                                    |                            |         |                      | 560 (504-616)                   | 920                                      | •   |
| 511KD20  | 320                       | 415       | 210.0                                    |                            |         |                      | 510 (459-561)                   | 845                                      | •   |
| 471KD20  | 300                       | 385       | 210.0                                    |                            |         |                      | 470 (423-517)                   | 775                                      | •   |
| 431KD20  | 275                       | 350       | 196.0                                    |                            |         |                      | 430 (387-473)                   | 710                                      | •   |
| 391KD20  | 250                       | 320       | 182.0                                    |                            |         |                      | 390 (351-429)                   | 650                                      | •   |
| 361KD20  | 230                       | 300       | 168.0                                    |                            |         |                      | 360 (324-396)                   | 595                                      | •   |
| 331KD20  | 210                       | 275       | 140.0                                    |                            |         |                      | 330 (297-363)                   | 550                                      | •   |
| 301KD20  | 190                       | 250       | 133.0                                    |                            |         |                      | 300 (270-330)                   | 500                                      | •   |
| 271KD20  | 175                       | 225       | 126.0                                    |                            |         |                      | 270 (243-297)                   | 455                                      | •   |
| 241KD20  | 150                       | 200       | 112.0                                    |                            |         |                      | 240 (216-264)                   | 395                                      | •   |
| 221KD20  | 140                       | 180       | 105.0                                    | 220 (198-242)              | 360     | •                    |                                 |  |   |
| 201KD20  | 130                       | 170       | 98.0                                     | 200 (180-220)              | 330     | •                    |                                 |  |   |
| 181KD20  | 115                       | 150       | 84.0                                     | 180 (162-198)              | 300     | •                    |                                 |  |   |
| 151KD20  | 95                        | 125       | 70.0                                     | 150 (135-165)              | 250     | •                    |                                 |  |   |
| 121KD20  | 75                        | 100       | 56.0                                     | 120 (108-132)              | 200     | •                    |                                 |  |   |
| 101KD20  | 60                        | 85        | 42.0                                     | 100 (90-110)               | 165     | •                    |                                 |  |   |
| 820KD20  | 50                        | 65        | 37.8                                     | 82 (74-90)                 | 135     | •                    |                                 |  |   |
| 680KD20  | 40                        | 56        | 23.8                                     | 68 (61-75)                 | *135    | •                    |                                 |  |   |
| 560KD20  | 35                        | 45        | 19.6                                     | 56 (50-62)                 | *110    | •                    |                                 |  |   |
| 470KD20  | 30                        | 38        | 16.8                                     | 47 (42-52)                 | *93     | •                    |                                 |  |   |
| 390KD20  | 25                        | 31        | 13.2                                     | 39 (35-43)                 | *77     | •                    |                                 |  |   |
| 330KD20  | 20                        | 26        | 11.2                                     | 33 (36-30)                 | *65     | •                    |                                 |  |   |
| 270KD20  | 17                        | 22        | 9.1                                      | 27(24-30)                  | *53     | •                    |                                 |  |   |
| 220KD20  | 14                        | 18        | 7.4                                      | 22(20-24)                  | *43     | •                    |                                 |  |   |
| 180KD20  | 10                        | 14        | 6.1                                      | 18(15-21)                  | *38     | •                    |                                 |  |   |

\*680K-180L Max. Clamping Voltage testing current 25A.

# STANDARD SERIES