

## ● 07D Series

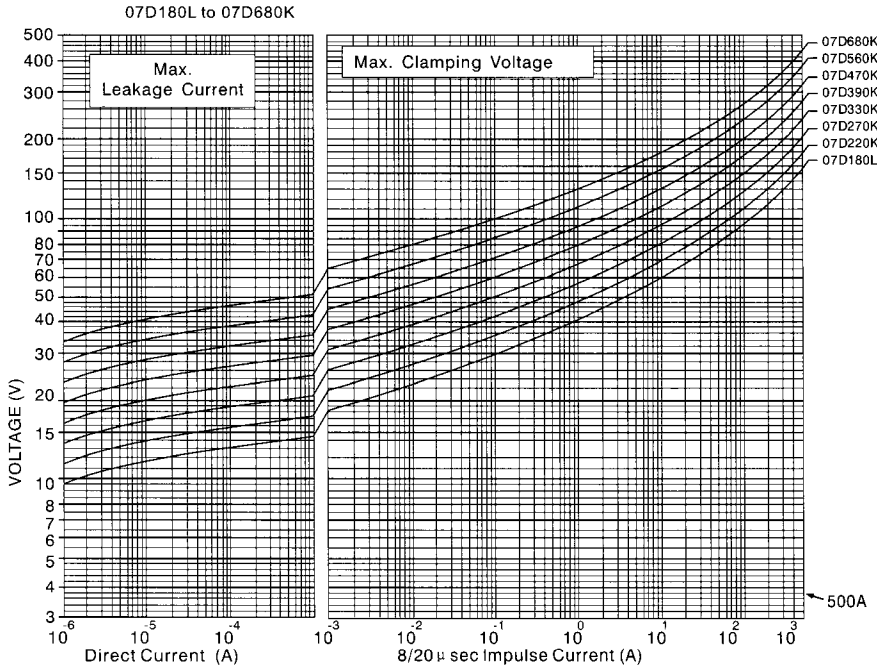
| Part Number |            | Maximum Allowable Voltage |        | Varistor Voltage | Clamping Voltage (MAX.) |        |          | Maximum Peak current (8/20μs) |          | Maximum Energy (10/1000μs) |      | Rated Power (W) | Typical Capacitance (Reference) @1KHz (pf) | UL | SP   | D'E |
|-------------|------------|---------------------------|--------|------------------|-------------------------|--------|----------|-------------------------------|----------|----------------------------|------|-----------------|--|----|------|-----|
| Standard    | High Surge | AC (V)                    | DC (V) | V 1mA (V)        | VC (V)                  | IP (A) | Standard | High Surge                    | Standard | High Surge                 |      |                 |  |    |      |     |
|             |            |                           |        |                  |                         |        | (A)      | (JOULE)                       |          |                            |      |                 |  |    |      |     |
| 07D180L     | H          | 11                        | 14     | 18(15-21)        | 36                      | 2.5    | 250      | 500                           | 0.9      | 2.0                        | 0.02 | 2800            | *  | *  | *    |     |
| 07D220K     | H          | 14                        | 18     | 22(20 -24)       | 43                      |        |          |                               | 1.1      | 2.4                        |      | 2300            | *  | *  | *    |     |
| 07D270K     | H          | 17                        | 22     | 27(24 -30)       | 53                      |        |          |                               | 1.4      | 3.0                        |      | 1800            | *  | *  | *    |     |
| 07D330K     | H          | 20                        | 26     | 33(30 -36)       | 65                      |        |          |                               | 1.7      | 3.5                        |      | 1500            | *  | *  | *    |     |
| 07D390K     | H          | 25                        | 31     | 39(35 - 43)      | 77                      |        |          |                               | 2.1      | 4.0                        |      | 1300            | *  | *  | *    |     |
| 07D470K     | H          | 30                        | 38     | 47(42 - 52)      | 93                      |        |          |                               | 2.5      | 5.0                        |      | 1100            | *  | *  | *    |     |
| 07D560K     | H          | 35                        | 45     | 56(50 - 62)      | 110                     |        |          |                               | 3.1      | 6.0                        |      | 890             | *  | *  | *    |     |
| 07D680K     | H          | 40                        | 56     | 68(61 - 75)      | 135                     |        |          |                               | 3.6      | 7.0                        |      | 740             | *  | *  | *    |     |
| 07D820K     | H          | 50                        | 65     | 82(74 - 90)      | 135                     |        |          |                               | 5.5      | 10                         |      | 600             | *  | *  | *    |     |
| 07D101K     | H          | 60                        | 85     | 100(90 - 110)    | 165                     |        |          |                               | 10       | 1200                       |      | 1750            | 6.5  | 12 | 0.25 | 500 |
| 07D121K     | H          | 75                        | 100    | 120(108 - 132)   | 200                     | 7.8    | 13       | 420                           |          |                            | *    |                 | *  | *  |      |     |
| 07D151K     | H          | 95                        | 125    | 150(135 - 165)   | 250                     | 9.7    | 13       | 330                           |          |                            | *    |                 | *  | *  |      |     |
| 07D181K     | H          | 115                       | 150    | 180(162 - 198)   | 300                     | 11.7   | 16       | 280                           |          |                            | *    |                 | *  | *  |      |     |
| 07D201K     | H          | 130                       | 170    | 200(185 - 225)   | 340                     | 13.0   | 17       | 250                           |          |                            | *    |                 | *  | *  |      |     |
| 07D221K     | H          | 140                       | 180    | 220(198 - 242)   | 360                     | 14.0   | 19       | 230                           |          |                            | *    |                 | *  | *  |      |     |
| 07D241K     | H          | 150                       | 200    | 240(216 - 264)   | 395                     | 15.0   | 21       | 210                           |          |                            | *    |                 | *  | *  |      |     |
| 07D271K     | H          | 175                       | 225    | 270(243 - 297)   | 455                     | 18.0   | 24       | 185                           |          |                            | *    |                 | *  | *  |      |     |
| 07D301K     | H          | 190                       | 250    | 300(270 - 330)   | 500                     | 20.0   | 26       | 165                           |          |                            | *    |                 | *  | *  |      |     |
| 07D331K     | H          | 210                       | 275    | 330(297 - 363)   | 550                     | 23.0   | 28       | 150                           |          |                            | *    |                 | *  | *  |      |     |
| 07D361K     | H          | 230                       | 300    | 360(324 - 396)   | 595                     | 25.0   | 32       | 140                           |          |                            | *    |                 | *  | *  |      |     |
| 07D391K     | H          | 250                       | 320    | 390(351 - 429)   | 650                     | 25.0   | 35       | 130                           |          |                            | *    |                 | *  | *  |      |     |
| 07D431K     | H          | 275                       | 350    | 430(387 - 473)   | 710                     | 28.0   | 40       | 115                           |          |                            | *    |                 | *  | *  |      |     |
| 07D471K     | H          | 300                       | 385    | 470(423 - 517)   | 775                     | 30.0   | 42       | 105                           |          |                            | *    |                 | *  | *  |      |     |
| 07D511K     | H          | 320                       | 415    | 510(459 - 561)   | 845                     | 30.0   | 45       | 100                           |          |                            | *    |                 | *  | *  |      |     |
| 07D561K     | H          | 350                       | 460    | 560(504 - 616)   | 925                     | 30.0   | 49       | 90                            |          |                            | *    |                 | *  | *  |      |     |
| 07D621K     | H          | 385                       | 505    | 620(558 - 682)   | 1025                    | 33.0   | 55       | 80                            |          |                            | *    |                 | *  | *  |      |     |
| 07D-681K    | H          | 420                       | 560    | 680(612 - 748)   | 1120                    | 33.0   | 60       | 75                            |          |                            | *    |                 | *  | *  |      |     |

# OPERATING TEMPERATURE RANGE: - 40°C TO +85°C

# STORAGE TEMPERATURE RANGE: - 40°C TO +125°C

● **07D Series**

V-I curve



Impulse Lifetime Ratings

