

● **10D Series**

| Model Number |            | Maximum Allowable Voltage |        | Varistor Voltage | Clamping Voltage (MAX.) |        |          | Maximum Peak current (8/20µs) |          | Maximum Energy (10/1000µs) |      | Rated Power | Typical Capacitance (Reference) | UL | SE | DYE |
|--------------|------------|---------------------------|--------|------------------|-------------------------|--------|----------|-------------------------------|----------|----------------------------|------|-------------|---------------------------------|----|----|-----|
| Standard     | High Surge | AC (V)                    | DC (V) | V 1m (V)         | VC (V)                  | IP (A) | Standard | High Surge                    | Standard | High Surge                 | (W)  | @ 1KHz (pf) |                                 |    |    |     |
|              |            |                           |        |                  |                         |        | (A)      | (JOULE)                       |          |                            |      |             |                                 |    |    |     |
| 10D180L      | J          | 11                        | 14     | 18(15-21)        | 36                      | 5      | 500      | 1000                          | 2.1      | 3.0                        | 0.05 | 5600        | *                               | *  | *  |     |
| 10D220K      | J          | 14                        | 18     | 22(20 -24)       | 43                      |        |          |                               | 2.5      | 5.0                        |      | 4500        | *                               | *  | *  |     |
| 10D270K      | J          | 17                        | 22     | 27(24 -30)       | 53                      |        |          |                               | 3.0      | 6.0                        |      | 3700        | *                               | *  | *  |     |
| 10D330K      | J          | 20                        | 26     | 33(30 -36)       | 65                      |        |          |                               | 4.0      | 7.0                        |      | 3000        | *                               | *  | *  |     |
| 10D390K      | J          | 25                        | 31     | 39(35 - 43)      | 77                      |        |          |                               | 4.6      | 9.0                        |      | 2400        | *                               | *  | *  |     |
| 10D470K      | J          | 30                        | 38     | 47(42 - 52)      | 93                      |        |          |                               | 5.5      | 11                         |      | 2100        | *                               | *  | *  |     |
| 10D560K      | J          | 35                        | 45     | 56(50 - 62)      | 110                     |        |          |                               | 7.0      | 13                         |      | 1800        | *                               | *  | *  |     |
| 10D680K      | J          | 40                        | 56     | 68(61 - 75)      | 135                     |        |          |                               | 8.2      | 15                         |      | 1500        | *                               | *  | *  |     |
| 10D820K      | J          | 50                        | 65     | 82(74 - 90)      | 135                     | 25     | 2500     | 3500                          | 12.0     | 17                         | 0.4  | 1200        | *                               | *  | *  |     |
| 10D101K      | J          | 60                        | 85     | 100(90 - 110)    | 165                     |        |          |                               | 15.0     | 18                         |      | 1000        | *                               | *  | *  |     |
| 10D121K      | J          | 75                        | 100    | 120(108 - 132)   | 200                     |        |          |                               | 18.0     | 21                         |      | 830         | *                               | *  | *  |     |
| 10D151K      | J          | 95                        | 125    | 150(135 - 165)   | 250                     |        |          |                               | 22.0     | 25                         |      | 670         | *                               | *  | *  |     |
| 10D181K      | J          | 115                       | 150    | 180(162 - 198)   | 300                     |        |          |                               | 27.0     | 30                         |      | 560         | *                               | *  | *  |     |
| 10D201K      | J          | 130                       | 170    | 200(185 - 225)   | 340                     |        |          |                               | 30.0     | 35                         |      | 500         | *                               | *  | *  |     |
| 10D221K      | J          | 140                       | 180    | 220(198 - 242)   | 360                     |        |          |                               | 32.0     | 39                         |      | 450         | *                               | *  | *  |     |
| 10D241K      | J          | 150                       | 200    | 240(216 - 264)   | 395                     |        |          |                               | 35.0     | 42                         |      | 420         | *                               | *  | *  |     |
| 10D271K      | J          | 175                       | 225    | 270(243 - 297)   | 455                     |        |          |                               | 40.0     | 49                         |      | 370         | *                               | *  | *  |     |
| 10D301K      | J          | 190                       | 250    | 300(270 - 330)   | 500                     |        |          |                               | 40.0     | 54                         |      | 330         | *                               | *  | *  |     |
| 10D331K      | J          | 210                       | 275    | 330(297 - 363)   | 550                     |        |          |                               | 43.0     | 58                         |      | 300         | *                               | *  | *  |     |
| 10D361K      | J          | 230                       | 300    | 360(324 - 396)   | 595                     |        |          |                               | 47.0     | 65                         |      | 280         | *                               | *  | *  |     |
| 10D391K      | J          | 250                       | 320    | 390(351 - 429)   | 650                     |        |          |                               | 60.0     | 70                         |      | 260         | *                               | *  | *  |     |
| 10D431K      | J          | 275                       | 350    | 430(387 - 473)   | 710                     |        |          |                               | 65.0     | 80                         |      | 230         | *                               | *  | *  |     |
| 10D471K      | J          | 300                       | 385    | 470(423 - 517)   | 775                     |        |          |                               | 70.0     | 85                         |      | 210         | *                               | *  | *  |     |
| 10D511K      | J          | 320                       | 415    | 510(459 - 561)   | 845                     |        |          |                               | 70.0     | 90                         |      | 200         | *                               | *  | *  |     |
| 10D561K      | J          | 350                       | 460    | 560(504 - 616)   | 925                     |        |          |                               | 70.0     | 92                         |      | 180         | *                               | *  | *  |     |
| 10D621K      | J          | 385                       | 505    | 620(558 - 682)   | 1025                    |        |          |                               | 70.0     | 95                         |      | 160         | *                               | *  | *  |     |
| 10D681K      | J          | 420                       | 560    | 680(612 - 748)   | 1120                    |        |          |                               | 70.0     | 98                         |      | 150         | *                               | *  | *  |     |
| 10D751K      | J          | 460                       | 615    | 750(675 - 825)   | 1240                    |        |          |                               | 75.0     | 100                        |      | 130         | *                               | *  | *  |     |
| 10D781K      | J          | 485                       | 640    | 780(702 - 858)   | 1290                    | 80.0   | 105      | 130                           | *        | *                          | *    |             |                                 |    |    |     |
| 10D821K      | J          | 510                       | 670    | 820(738 - 902)   | 1355                    | 85.0   | 110      | 120                           | *        | *                          | *    |             |                                 |    |    |     |
| 10D911K      | J          | 550                       | 745    | 910(819 -1001)   | 1500                    | 93.0   | 130      | 110                           | *        | *                          | *    |             |                                 |    |    |     |
| 10D102K      | J          | 625                       | 825    | 1000(900 - 1100) | 1650                    | 102.0  | 140      | 100                           | *        | *                          | *    |             |                                 |    |    |     |
| 10D112K      | J          | 680                       | 895    | 1100(990 - 1210) | 1815                    | 115.0  | 155      | 90                            | *        | *                          | *    |             |                                 |    |    |     |

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

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

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