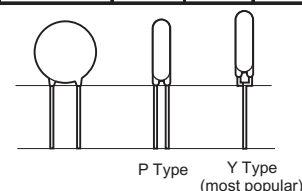


| Part Number     | Maximum Allowable Voltage |        | Varistor Voltage V@0.1mA |                 | Maximum Clamping Voltage V@ 5A (V) | Withstanding Surge current |          | Rated Wattage (W) | Energy 10/1000 S (J) | UL | CSA | VDE |
|-----------------|---------------------------|--------|--------------------------|-----------------|------------------------------------|----------------------------|----------|-------------------|----------------------|----|-----|-----|
|                 | Acrms (V)                 | DC (V) | (V)                      | Tolerance Range |                                    | 1x (A)                     | 2x's (A) |                   |                      |    |     |     |
| JVR10N180M87□△△ | 11                        | 14     | 18                       | ±20%            | " 36                               | 500                        | 250      | 0.05              | 2.4                  | ✓  |     | ✓   |
| JVR10N220L87□△△ | 14                        | 18     | 22                       | ±15%            | " 43                               |                            |          |                   | 2.7                  | ✓  |     | ✓   |
| JVR10N270K87□△△ | 17                        | 22     | 27                       |                 | " 53                               |                            |          |                   | 3.5                  | ✓  |     | ✓   |
| JVR10N330K87□△△ | 20                        | 26     | 33                       |                 | " 65                               |                            |          |                   | 4.4                  | ✓  |     | ✓   |
| JVR10N390K87□△△ | 25                        | 31     | 39                       |                 | " 77                               |                            |          |                   | 4.7                  | ✓  |     | ✓   |
| JVR10N470K87□△△ | 30                        | 38     | 47                       |                 | " 93                               |                            |          |                   | 6.0                  | ✓  |     | ✓   |
| JVR10N560K87□△△ | 35                        | 45     | 56                       |                 | " 110                              |                            |          |                   | 7.0                  | ✓  |     | ✓   |
| JVR10N680K87□△△ | 40                        | 56     | 68                       |                 | " 135                              |                            |          |                   | 8.5                  | ✓  |     | ✓   |
| JVR10N820K87□△△ | 50                        | 65     | 82                       | ±10%            | 135                                | 2500                       | 1250     | 0.4               | 11.0                 | ✓  |     | ✓   |
| JVR10N101K87□△△ | 60                        | 85     | 100                      |                 | 165                                |                            |          |                   | 14.0                 | ✓  |     | ✓   |
| JVR10N121K87□△△ | 75                        | 100    | 120                      |                 | 200                                |                            |          |                   | 16.0                 | ✓  |     | ✓   |
| JVR10N151K87□△△ | 95                        | 125    | 150                      |                 | 250                                |                            |          |                   | 22.0                 | ✓  |     | ✓   |
| JVR10N181K87□△△ | 115                       | 150    | 180                      |                 | 300                                |                            |          |                   | 26.0                 | ✓  |     | ✓   |
| JVR10N201K87□△△ | 130                       | 170    | 200                      |                 | 340                                |                            |          |                   | 28.5                 | ✓  | ✓   | ✓   |
| JVR10N221K87□△△ | 140                       | 180    | 220                      |                 | 360                                |                            |          |                   | 31.0                 | ✓  | ✓   | ✓   |
| JVR10N241K87□△△ | 150                       | 200    | 240                      |                 | 395                                |                            |          |                   | 33.5                 | ✓  | ✓   | ✓   |
| JVR10N271K87□△△ | 175                       | 225    | 270                      |                 | 455                                |                            |          |                   | 39.5                 | ✓  | ✓   | ✓   |
| JVR10N301K87□△△ | 195                       | 250    | 300                      |                 | 505                                |                            |          |                   | 42.0                 | ✓  | ✓   | ✓   |
| JVR10N331K87□△△ | 210                       | 275    | 330                      |                 | 550                                |                            |          |                   | 46.0                 | ✓  | ✓   | ✓   |
| JVR10N361K87□△△ | 230                       | 300    | 360                      |                 | 595                                |                            |          |                   | 52.0                 | ✓  | ✓   | ✓   |
| JVR10N391K87□△△ | 250                       | 320    | 390                      |                 | 650                                |                            |          |                   | 60.0                 | ✓  | ✓   | ✓   |
| JVR10N431K87□△△ | 275                       | 350    | 430                      |                 | 710                                |                            |          |                   | 66.0                 | ✓  | ✓   | ✓   |
| JVR10N471K87□△△ | 300                       | 385    | 470                      |                 | 775                                |                            |          |                   | 70.0                 | ✓  | ✓   | ✓   |
| JVR10N511K87□△△ | 320                       | 418    | 510                      |                 | 842                                |                            |          |                   | 74.0                 | ✓  | ✓   | ✓   |
| JVR10N561K87□△△ | 350                       | 460    | 560                      |                 | 920                                |                            |          |                   | 78.0                 | ✓  | ✓   | ✓   |
| JVR10N621K87□△△ | 385                       | 505    | 620                      |                 | 1025                               |                            |          |                   | 82.0                 | ✓  | ✓   | ✓   |
| JVR10N681K87□△△ | 420                       | 560    | 680                      |                 | 1120                               |                            |          |                   | 86.0                 | ✓  | ✓   | ✓   |
| JVR10N751K87□△△ | 460                       | 615    | 750                      |                 | 1240                               |                            |          |                   | 90.0                 | ✓  | ✓   | ✓   |
| JVR10N781K87□△△ | 485                       | 640    | 780                      |                 | 1290                               |                            |          |                   | 92.0                 | ✓  | ✓   | ✓   |
| JVR10N821K87□△△ | 510                       | 670    | 820                      |                 | 1355                               |                            |          |                   | 94.0                 | ✓  | ✓   | ✓   |
| JVR10N911K87□△△ | 550                       | 745    | 910                      |                 | 1500                               |                            |          |                   | 102.0                | ✓  | ✓   | ✓   |
| JVR10N102K87□△△ | 625                       | 825    | 1000                     |                 | 1650                               |                            |          |                   | 112.0                | ✓  | ✓   | ✓   |
| JVR10N112K87□△△ | 680                       | 895    | 1100                     |                 | 1815                               |                            |          |                   | 124.0                | ✓  | ✓   | ✓   |
| JVR10N182K87□△△ | 1,000                     | 1,465  | 1800                     |                 | 2970                               |                            |          |                   | 174.0                | ✓  | ✓   | ✓   |

1) The clamping voltage from 180M to 680K are tested with current 5A.  
For application required ratings not shown, contact RFE application engineering.

- : Lead Style  
Y: vertical kink (standard)  
P: straight leads  
△△ : Lead Length / Packing Method



### PULSE RATING CURVES

