



RATING AND CHARACTERISTICS – 7mm

| Ordering Code | Varistor Voltage at 1 mA | | Maximum Allowable Voltage | | Maximum Clamping Voltage | Withstanding Surge Current (8/20 μ s) | | Rated Wattage (W) | Energy (10/1000 μ s) (J) | Certification (ref to p.12) |
|------------------|--------------------------|-----------|---------------------------|--------|--------------------------|---|-------------|-------------------|------------------------------|-----------------------------|
| | DC (V) | Tolerance | ACrms (V) | DC (V) | V@10A (V) | 1 Time (A) | 2 Times (A) | | | |
| JVR07N080 P65□△△ | 8 | ± 25% | 4 | 5.5 | ※ 20 | 125 | 60 | 0.02 | 0.8 | ☆ ☆ |
| JVR07N120P65□△△ | 12 | ± 25% | 6 | 8 | ※ 30 | | | | | |
| JVR07N180M65□△△ | 18 | ± 20% | 11 | 14 | ※ 36 | | | | | |
| JVR07N220L65□△△ | 22 | ± 15% | 14 | 18 | ※ 43 | 250 | 125 | 0.02 | 1.2 | ☆ ☆ |
| JVR07N270K65□△△ | 27 | | 17 | 22 | ※ 53 | | | | | |
| JVR07N330K65□△△ | 33 | | 20 | 26 | ※ 65 | | | | | |
| JVR07N390K65□△△ | 39 | | 25 | 31 | ※ 77 | | | | | |
| JVR07N470K65□△△ | 47 | | 30 | 38 | ※ 93 | | | | | |
| JVR07N560K65□△△ | 56 | | 35 | 45 | ※ 110 | | | | | |
| JVR07N680K65□△△ | 68 | | 40 | 56 | ※ 135 | | | | | |
| JVR07N820K65□△△ | 82 | | 50 | 65 | 135 | | | | | |
| JVR07N101K65□△△ | 100 | | 60 | 85 | 165 | | | | | |
| JVR07N121K65□△△ | 120 | | 75 | 100 | 200 | | | | | |
| JVR07N151K65□△△ | 150 | | 95 | 125 | 250 | 1200 | 600 | 0.25 | 5.5 | ☆ ☆ |
| JVR07N181K65□△△ | 180 | | 115 | 150 | 300 | | | | | |
| JVR07N201K65□△△ | 200 | | 130 | 170 | 340 | | | | | |
| JVR07N221K65□△△ | 220 | | 140 | 180 | 360 | | | | | |
| JVR07N241K65□△△ | 240 | | 150 | 200 | 395 | | | | | |
| JVR07N271K65□△△ | 270 | ± 10% | 175 | 225 | 455 | | | | | |
| JVR07N301K65□△△ | 300 | | 195 | 250 | 505 | | | | | |
| JVR07N331K65□△△ | 330 | | 210 | 275 | 550 | | | | | |
| JVR07N361K65□△△ | 360 | | 230 | 300 | 595 | | | | | |
| JVR07N391K65□△△ | 390 | | 250 | 320 | 650 | | | | | |
| JVR07N431K65□△△ | 430 | | 275 | 350 | 710 | | | | | |
| JVR07N471K65□△△ | 470 | | 300 | 385 | 775 | | | | | |
| JVR07N511K65□△△ | 510 | | 320 | 418 | 842 | | | | | |
| JVR07N561K65□△△ | 560 | | 350 | 460 | 920 | | | | | |
| JVR07N621K65□△△ | 620 | | 385 | 505 | 1025 | | | | | |
| JVR07N681K65□△△ | 680 | | 420 | 560 | 1120 | | | | | |
| JVR07N751K65□△△ | 750 | | 460 | 615 | 1240 | | | | | |
| JVR07N781K65□△△ | 780 | | 485 | 640 | 1290 | | | | | |
| JVR07N821K65□△△ | 820 | | 510 | 670 | 1355 | | | | | |

※ The clamping voltage from 080P to 680K are tested at current 2.5 A.

□ = Lead Style (Y=Vertical kink, P=Straight)

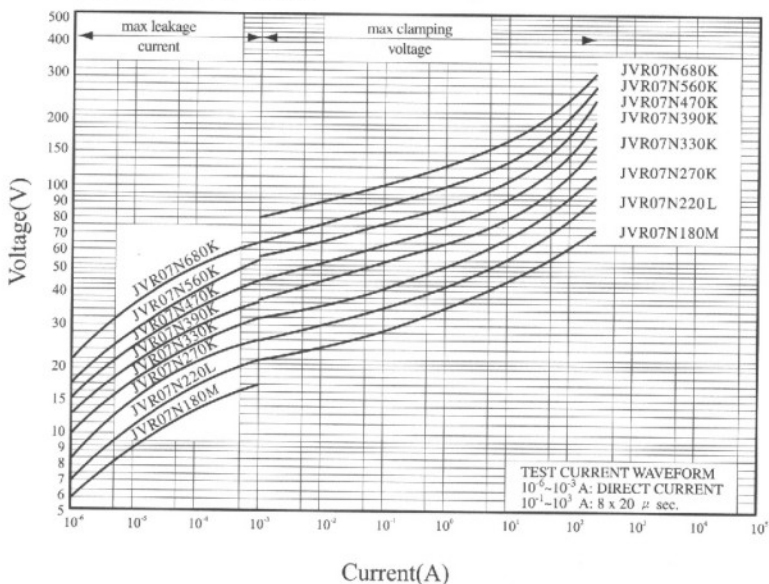
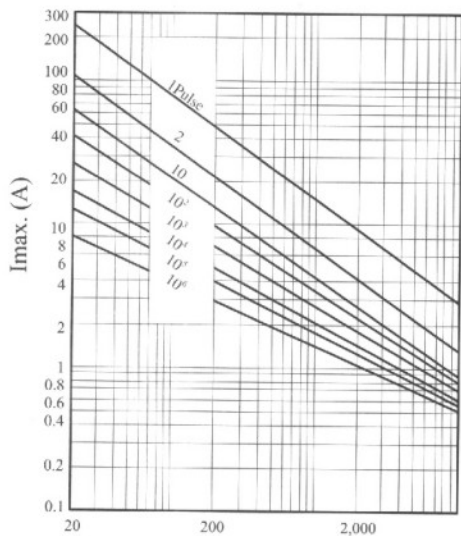
△△ = Lead Length & Packaging (see p.10)

PULSE LIFETIME RATINGS -7mm

V-I CHARACTERISTIC CURVE -7mm

JVR07N180M~680K

JVR07N180M~680K

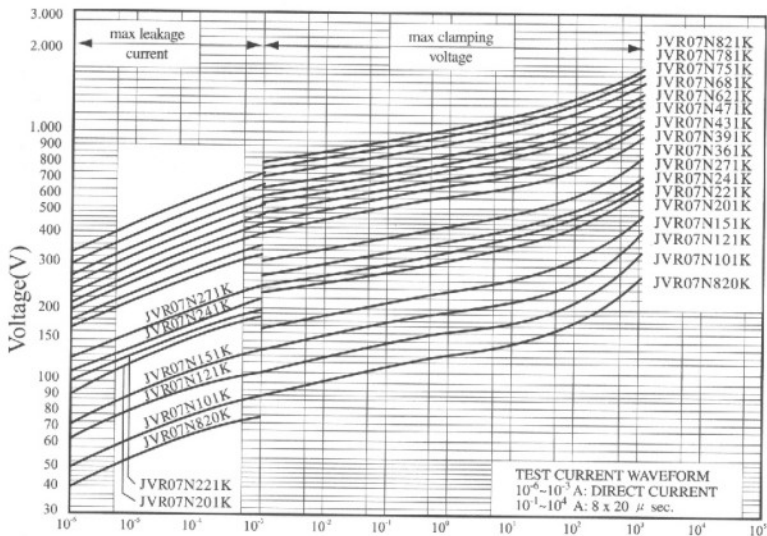
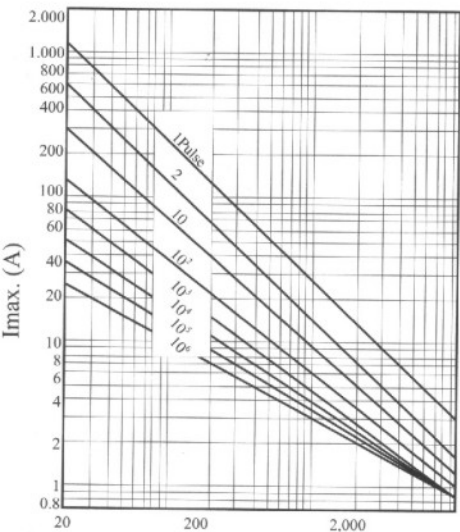


Rectangular Wave (μ sec.)

Current(A)

JVR07N820K~821K

JVR07N820K~821K



Rectangular Wave (μ sec.)

Current(A)