

HVJ Series

150°C HighTemperature

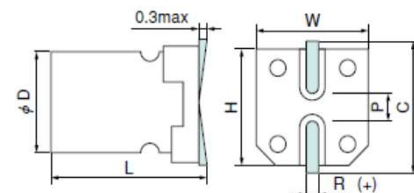
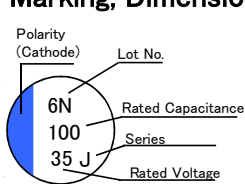


- 150°C 1,000hrs.
- Solvent proof (within 2 minutes)

Specifications

| Items | Condition | Specifications | | | |
|---------------------------------|--|----------------|---------------------------------------|----|----|
| Rated voltage (V) | — | 25 | 35 | 50 | 63 |
| Surge voltage (V) | Room temperature | 32 | 44 | 63 | 79 |
| Category temperature range (°C) | — | -40 to +150 | | | |
| Capacitance tolerance (%) | 120Hz/20°C | M: ±20 | | | |
| Dissipation Factor (tan δ) | tan δ (max) 120Hz/20°C | 0.16 | | | |
| Leakage current (LC) | μ A/after 2minutes (max) | 0.05CV | | | |
| Endurance | 150°C rated voltage applied (With the rated ripple current) | Test | 1,000hrs. | | |
| | | ΔC/C | Within ±30% of the initial value | | |
| | | tan δ | ≤ 2 times the initial specified value | | |
| | | ESR | ≤ 2 times the initial specified value | | |
| | | LC | ≤ The initial specified value | | |

Marking, Dimensions



A pressure relief vent is attached to products over φ D=8

(P)reference size

(Unit: mm)

| D | L | W | H | C | R | P |
|--------------|----------|----------|----------|----------|------------|-----|
| +0.5MAX. 6.3 | ±0.3 7.7 | ±0.2 6.6 | ±0.2 6.6 | ±0.2 7.3 | 0.5 to 0.8 | 2.2 |
| 8 | 10.5 | 8.3 | 8.3 | 9.0 | 0.7 to 1.0 | 3.2 |
| 10 | 10.5 | 10.3 | 10.3 | 11.0 | 1.0 to 1.4 | 4.6 |
| 10 | 12.5 | 10.3 | 10.3 | 11.0 | 1.0 to 1.4 | 4.6 |

Size, ESR, Rated Ripple Current

| μF \ V | 25 | | 35 | | 50 | | 63 | | |
|--------|-----------|----|-----------|-----------|-----|-----------|-----------|-----|-----|
| 33 | | | | | | | 8 × 10.5 | 40 | 610 |
| 47 | | | 6.3 × 7.7 | 60 | 510 | | | | |
| 56 | | | | | | 8 × 10.5 | 35 | 660 | |
| 68 | 6.3 × 7.7 | 45 | 540 | | | | 10 × 10.5 | 30 | 710 |
| 100 | | | | 8 × 10.5 | 30 | 710 | 10 × 10.5 | 28 | 780 |
| 120 | | | | | | 10 × 12.5 | 19 | 890 | |
| 150 | 8 × 10.5 | 27 | 740 | 10 × 10.5 | 23 | 830 | | | |
| 220 | 10 × 10.5 | 22 | 850 | 10 × 12.5 | 17 | 950 | | | |
| 270 | 10 × 10.5 | 22 | 850 | | | | | | |
| 330 | 10 × 12.5 | 16 | 970 | | | | | | |

ESR(mΩ)
max at 100kHz, 20°C

Case size: φ D×L(mm)

Rated ripple current
mA rms(100kHz, 150°C)

Model No.

