

Snap-in Type

Series: UQ Type : TS

- Features Endurance: 85°C 2000 h
30% smaller than series UP
RoHS directive compliant

- Recommended Applications
Smoothing circuits, AC adaptor

■ Specifications

Country of Origin

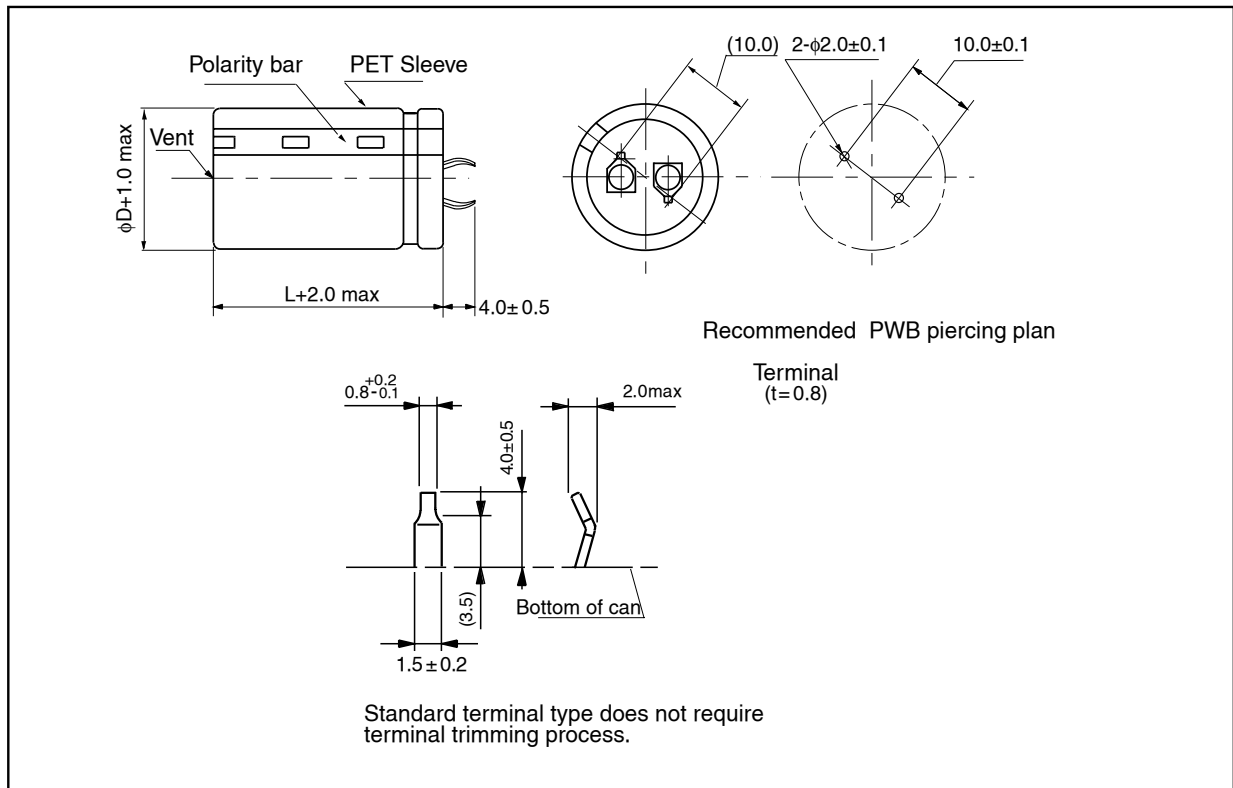
- Japan
- Malaysia
- U.S.A (***)



(***) Regarding USA product, Please check PEDCA's Catalog.

| | | | | | | | | | |
|--|---|------------------------------------|------------------|------|------|------|------|--------|------|
| Category temp. range | -40 to +85°C | | -25 to +85°C | | | | | | |
| Rated W.V. Range | 16 to 100V.DC | 160 to 250 V .DC | 315 to 450 V .DC | | | | | | |
| Nominal Cap. Range | 1000 to 100000μF | 270 to 3900 μ F | 82 to 1000 μ F | | | | | | |
| Capacitance Tolerance | ±20 % (120Hz/+20°C) | | | | | | | | |
| DC Leakage Current | 3√CV (μA) max. after 5 minutes application of rated working voltage at +20°C. C: Capacitance(μF) V: W.V. (V.DC) | | | | | | | | |
| tan δ | Please see the attached standard products list | | | | | | | | |
| Frequency Correction Factor for Ripple Current | Frequency (Hz) | 50 | 60 | 100 | 120 | 500 | 1k | 10k to | |
| | Correction Factor | 16 to 100V | 0.93 | 0.95 | 0.99 | 1.00 | 1.05 | 1.08 | 1.15 |
| | | 160 to 450V | 0.75 | 0.80 | 0.95 | 1.00 | 1.20 | 1.25 | 1.40 |
| Endurance | After 2000 hours application of DC voltage with specified ripple current (≦ rated DC working voltage) at +85°C, the capacitor shall meet the following limits. | | | | | | | | |
| | Capacitance change | ±20 % of initial measured value | | | | | | | |
| | tan δ | ≦ 200 % of initial specified value | | | | | | | |
| | DC leakage current | ≦ initial specified value | | | | | | | |
| Shelf Life | After storage for 1000 hours at +85±2 °C with no voltage applied and then being stabilized at +20 °C, capacitors shall meet the limits specified in Endurance(With voltage treatment) | | | | | | | | |

■ Dimensions in mm (not to scale)



Design, and specifications are each subject to change without notice. Ask factory for the current technical specifications before purchase and / or use. Should a safety concern arise regarding this product, please be sure to contact us immediately.

■ Standard Products

| W.V. (V) | Cap. (±20%) (μF) | Case size | | Specification | | Part No. PET sleeve Terminal Length 4.0mm (Without P.V.C.plate) | MinPackagingQty (pcs) |
|-------------|------------------------|--------------|----------------|---|-----------------------------|---|--------------------------|
| | | Dia. (mm) | Length (mm) | Ripple current (120Hz) (+85°C) (A) | tan δ (120Hz) (+20°C) | | |
| 16 | 12000 | 22 | 25 | 4.5 | 0.50 | EETUQ1C123HJ | 200 |
| | 15000 | 22 | 30 | 5.3 | 0.50 | EETUQ1C153HJ | 200 |
| | 18000 | 22 | 35 | 5.6 | 0.50 | EETUQ1C183HJ | 200 |
| | | 25 | 25 | 5.6 | 0.50 | EETUQ1C183JJ | 200 |
| | 22000 | 22 | 40 | 6.1 | 0.50 | EETUQ1C223HJ | 200 |
| | | 25 | 30 | 6.1 | 0.50 | EETUQ1C223JJ | 200 |
| | 27000 | 22 | 45 | 6.3 | 0.50 | EETUQ1C273HJ | 200 |
| | | 25 | 35 | 6.3 | 0.50 | EETUQ1C273JJ | 200 |
| | | 30 | 25 | 6.3 | 0.50 | EETUQ1C273KJ | 200 |
| | 33000 | 22 | 50 | 6.8 | 0.50 | EETUQ1C333HJ | 200 |
| | | 25 | 40 | 6.8 | 0.50 | EETUQ1C333JJ | 200 |
| | | 30 | 30 | 6.8 | 0.50 | EETUQ1C333KJ | 200 |
| | | 35 | 25 | 6.8 | 0.50 | EETUQ1C333LJ | 200 |
| | 39000 | 25 | 45 | 6.9 | 0.56 | EETUQ1C393JJ | 200 |
| | | 30 | 35 | 6.9 | 0.56 | EETUQ1C393KJ | 100 |
| | 47000 | 25 | 50 | 7.5 | 0.64 | EETUQ1C473JJ | 200 |
| | | 30 | 40 | 7.5 | 0.64 | EETUQ1C473KJ | 100 |
| | | 35 | 30 | 7.5 | 0.64 | EETUQ1C473LJ | 200 |
| | 56000 | 30 | 45 | 8.7 | 0.73 | EETUQ1C563KJ | 100 |
| | | 35 | 35 | 8.7 | 0.73 | EETUQ1C563LJ | 100 |
| 68000 | 30 | 50 | 9.1 | 0.85 | EETUQ1C683KJ | 100 | |
| | 35 | 40 | 9.1 | 0.85 | EETUQ1C683LJ | 100 | |
| 82000 | 35 | 45 | 9.5 | 0.99 | EETUQ1C823LJ | 100 | |
| 100000 | 35 | 50 | 10.2 | 1.17 | EETUQ1C104LJ | 100 | |
| 25 | 8200 | 22 | 25 | 3.6 | 0.40 | EETUQ1E822HJ | 200 |
| | 10000 | 22 | 30 | 3.8 | 0.40 | EETUQ1E103HJ | 200 |
| | 12000 | 22 | 30 | 4.1 | 0.40 | EETUQ1E123HJ | 200 |
| | | 25 | 25 | 4.1 | 0.40 | EETUQ1E123JJ | 200 |
| | 15000 | 22 | 35 | 4.6 | 0.40 | EETUQ1E153HJ | 200 |
| | | 25 | 30 | 4.6 | 0.40 | EETUQ1E153JJ | 200 |
| | 18000 | 22 | 40 | 5.5 | 0.40 | EETUQ1E183HJ | 200 |
| | | 25 | 35 | 5.5 | 0.40 | EETUQ1E183JJ | 200 |
| | | 30 | 25 | 5.5 | 0.40 | EETUQ1E183KJ | 200 |
| | 22000 | 22 | 45 | 6.1 | 0.40 | EETUQ1E223HJ | 200 |
| | | 25 | 40 | 6.1 | 0.40 | EETUQ1E223JJ | 200 |
| | | 30 | 30 | 6.1 | 0.40 | EETUQ1E223KJ | 200 |
| | | 35 | 25 | 6.1 | 0.40 | EETUQ1E223LJ | 200 |
| | 27000 | 25 | 45 | 6.2 | 0.40 | EETUQ1E273JJ | 200 |
| 30 | | 35 | 6.2 | 0.40 | EETUQ1E273KJ | 100 | |
| 33000 | 25 | 50 | 6.8 | 0.40 | EETUQ1E333JJ | 200 | |
| | 30 | 40 | 6.8 | 0.40 | EETUQ1E333KJ | 100 | |
| | 35 | 30 | 6.8 | 0.40 | EETUQ1E333LJ | 200 | |

Endurance : 85°C 2000 h, Terminal Pitch : 10mm
 When capacitors of φ35×45L and φ35×50L are mounted on PWB, reinforce them with mounting clamp or adhesives.(Avoid using adhesives including halogenated compositions.)

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Surface Mount Type
 Radial Lead Type
 Snap-In Type
Aluminum Electrolytic Capacitors

■ Standard Products

| W.V. (V) | Cap. (±20%) (μF) | Case size | | Specification | | Part No. PET sleeve Terminal Length 4.0mm (Without P.V.C.plate) | MinPackagingQty (pcs) |
|-------------|------------------------|--------------|----------------|---|-----------------------------|---|--------------------------|
| | | Dia. (mm) | Length (mm) | Ripple current (120Hz) (+85°C) (A) | tan δ (120Hz) (+20°C) | | |
| 25 | 39000 | 30 | 45 | 7.4 | 0.46 | EETUQ1E393KJ | 100 |
| | | 35 | 35 | 7.4 | 0.46 | EETUQ1E393LJ | 100 |
| | 47000 | 30 | 50 | 8.0 | 0.54 | EETUQ1E473KJ | 100 |
| | | 35 | 40 | 8.0 | 0.54 | EETUQ1E473LJ | 100 |
| | 56000 | 35 | 45 | 8.7 | 0.63 | EETUQ1E563LJ | 100 |
| 68000 | 35 | 50 | 9.6 | 0.75 | EETUQ1E683LJ | 100 | |
| 35 | 5600 | 22 | 25 | 3.4 | 0.35 | EETUQ1V562HJ | 200 |
| | | 22 | 30 | 3.7 | 0.35 | EETUQ1V682HJ | 200 |
| | 8200 | 22 | 30 | 4.0 | 0.35 | EETUQ1V822HJ | 200 |
| | | 25 | 25 | 4.0 | 0.35 | EETUQ1V822JJ | 200 |
| | 10000 | 22 | 35 | 4.4 | 0.35 | EETUQ1V103HJ | 200 |
| | | 25 | 30 | 4.4 | 0.35 | EETUQ1V103JJ | 200 |
| | 12000 | 22 | 40 | 5.1 | 0.35 | EETUQ1V123HJ | 200 |
| | | 25 | 35 | 5.1 | 0.35 | EETUQ1V123JJ | 200 |
| | | 30 | 25 | 5.1 | 0.35 | EETUQ1V123KJ | 200 |
| | 15000 | 22 | 45 | 5.6 | 0.35 | EETUQ1V153HJ | 200 |
| | | 25 | 40 | 5.6 | 0.35 | EETUQ1V153JJ | 200 |
| | | 18000 | 25 | 45 | 5.7 | 0.35 | EETUQ1V183JJ |
| | 30 | | 30 | 5.7 | 0.35 | EETUQ1V183KJ | 200 |
| | 35 | | 25 | 5.7 | 0.35 | EETUQ1V183LJ | 200 |
| | 22000 | 25 | 50 | 6.1 | 0.35 | EETUQ1V223JJ | 200 |
| | | 30 | 35 | 6.1 | 0.35 | EETUQ1V223KJ | 100 |
| | | 35 | 30 | 6.1 | 0.35 | EETUQ1V223LJ | 200 |
| | 27000 | 30 | 45 | 6.8 | 0.35 | EETUQ1V273KJ | 100 |
| | | 35 | 35 | 6.8 | 0.35 | EETUQ1V273LJ | 100 |
| | 33000 | 30 | 50 | 7.2 | 0.35 | EETUQ1V333KJ | 100 |
| 35 | | 40 | 7.2 | 0.35 | EETUQ1V333LJ | 100 | |
| 39000 | 35 | 45 | 7.7 | 0.41 | EETUQ1V393LJ | 100 | |
| 47000 | 35 | 50 | 8.5 | 0.49 | EETUQ1V473LJ | 100 | |
| 50 | 3300 | 22 | 25 | 2.7 | 0.30 | EETUQ1H332HJ | 200 |
| | 3900 | 22 | 30 | 2.8 | 0.30 | EETUQ1H392HJ | 200 |
| | 4700 | 22 | 30 | 3.0 | 0.30 | EETUQ1H472HJ | 200 |
| | | 25 | 25 | 3.0 | 0.30 | EETUQ1H472JJ | 200 |
| | 5600 | 22 | 35 | 3.4 | 0.30 | EETUQ1H562HJ | 200 |
| | 6800 | 22 | 40 | 3.9 | 0.30 | EETUQ1H682HJ | 200 |
| | | 25 | 30 | 3.9 | 0.30 | EETUQ1H682JJ | 200 |
| | | 30 | 25 | 3.9 | 0.30 | EETUQ1H682KJ | 200 |
| | 8200 | 22 | 45 | 4.4 | 0.30 | EETUQ1H822HJ | 200 |
| | | 25 | 35 | 4.4 | 0.30 | EETUQ1H822JJ | 200 |
| | 10000 | 22 | 50 | 5.0 | 0.30 | EETUQ1H103HJ | 200 |
| 25 | | 40 | 5.0 | 0.30 | EETUQ1H103JJ | 200 | |
| 30 | | 30 | 5.0 | 0.30 | EETUQ1H103KJ | 200 | |

Endurance : 85°C 2000 h, Terminal Pitch : 10mm

When capacitors of φ35×45L and φ35×50L are mounted on PWB, reinforce them with mounting clamp or adhesives.(Avoid using adhesives including halogenated compositions.)

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■ Standard Products

| W.V. (V) | Cap. (±20%) (μF) | Case size | | Specification | | Part No. PET sleeve Terminal Length 4.0mm (Without P.V.C.plate) | MinPackagingQty (pcs) |
|-------------|------------------------|--------------|----------------|---|-----------------------------|---|------------------------------|
| | | Dia. (mm) | Length (mm) | Ripple current (120Hz) (+85°C) (A) | tan δ (120Hz) (+20°C) | | |
| 50 | 10000 | 35 | 25 | 5.0 | 0.30 | EETUQ1H103LJ | 200 |
| | 12000 | 25 | 45 | 5.6 | 0.30 | EETUQ1H123JJ | 200 |
| | | 30 | 35 | 5.6 | 0.30 | EETUQ1H123KJ | 100 |
| | | 35 | 30 | 5.6 | 0.30 | EETUQ1H123LJ | 200 |
| | 15000 | 30 | 40 | 6.4 | 0.30 | EETUQ1H153KJ | 100 |
| | | 35 | 35 | 6.4 | 0.30 | EETUQ1H153LJ | 100 |
| | 18000 | 30 | 45 | 6.9 | 0.30 | EETUQ1H183KJ | 100 |
| | | 35 | 40 | 6.9 | 0.30 | EETUQ1H183LJ | 100 |
| | 22000 | 35 | 45 | 7.6 | 0.30 | EETUQ1H223LJ | 100 |
| | 27000 | 35 | 50 | 8.3 | 0.30 | EETUQ1H273LJ | 100 |
| 63 | 2200 | 22 | 25 | 2.5 | 0.30 | EETUQ1J222HJ | 200 |
| | 2700 | 22 | 30 | 3.7 | 0.30 | EETUQ1J272HJ | 200 |
| | 3300 | 22 | 30 | 4.1 | 0.30 | EETUQ1J332HJ | 200 |
| | | 25 | 25 | 4.1 | 0.30 | EETUQ1J332JJ | 200 |
| | 3900 | 22 | 35 | 4.4 | 0.30 | EETUQ1J392HJ | 200 |
| | | 25 | 30 | 4.4 | 0.30 | EETUQ1J392JJ | 200 |
| | 4700 | 22 | 40 | 4.9 | 0.30 | EETUQ1J472HJ | 200 |
| | | 25 | 35 | 4.9 | 0.30 | EETUQ1J472JJ | 200 |
| | | 30 | 25 | 4.9 | 0.30 | EETUQ1J472KJ | 200 |
| | 5600 | 22 | 45 | 5.4 | 0.30 | EETUQ1J562HJ | 200 |
| | | 25 | 40 | 5.4 | 0.30 | EETUQ1J562JJ | 200 |
| | 6800 | 25 | 45 | 5.8 | 0.30 | EETUQ1J682JJ | 200 |
| | | 30 | 30 | 5.8 | 0.30 | EETUQ1J682KJ | 200 |
| | | 35 | 25 | 6.0 | 0.30 | EETUQ1J682LJ | 200 |
| | 8200 | 25 | 50 | 6.0 | 0.30 | EETUQ1J822JJ | 200 |
| | | 30 | 35 | 6.0 | 0.30 | EETUQ1J822KJ | 100 |
| | | 35 | 30 | 6.5 | 0.30 | EETUQ1J822LJ | 200 |
| | 10000 | 30 | 40 | 6.5 | 0.30 | EETUQ1J103KJ | 100 |
| | | 35 | 35 | 6.5 | 0.30 | EETUQ1J103LJ | 100 |
| | 12000 | 30 | 45 | 7.2 | 0.30 | EETUQ1J123KJ | 100 |
| 35 | | 40 | 7.2 | 0.30 | EETUQ1J123LJ | 100 | |
| 15000 | 35 | 45 | 7.9 | 0.30 | EETUQ1J153LJ | 100 | |
| 18000 | 35 | 50 | 8.6 | 0.30 | EETUQ1J183LJ | 100 | |
| 80 | 1500 | 22 | 25 | 2.3 | 0.25 | EETUQ1K152HJ | 200 |
| | 1800 | 22 | 30 | 2.5 | 0.25 | EETUQ1K182HJ | 200 |
| | 2200 | 22 | 35 | 2.7 | 0.25 | EETUQ1K222HJ | 200 |
| | | 25 | 25 | 2.7 | 0.25 | EETUQ1K222JJ | 200 |
| | 2700 | 22 | 40 | 2.8 | 0.25 | EETUQ1K272HJ | 200 |
| | | 25 | 30 | 2.8 | 0.25 | EETUQ1K272JJ | 200 |
| | 3300 | 22 | 45 | 3.2 | 0.25 | EETUQ1K332HJ | 200 |
| | | 25 | 35 | 3.2 | 0.25 | EETUQ1K332JJ | 200 |
| 30 | 25 | 3.2 | 0.25 | EETUQ1K332KJ | 200 | | |

Endurance : 85°C 2000 h, Terminal Pitch : 10mm
 When capacitors of φ35×45L and φ35×50L are mounted on PWB, reinforce them with mounting clamp or adhesives.(Avoid using adhesives including halogenated compositions.)

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Surface Mount Type
 Radial Lead Type
 Snap-in Type
Aluminum Electrolytic Capacitors

■ Standard Products

| W.V. (V) | Cap. (±20%) (μF) | Case size | | Specification | | Part No. PET sleeve Terminal Length 4.0mm (Without P.V.C.plate) | MinPackagingQty (pcs) |
|-------------|------------------------|--------------|----------------|---|-----------------------------|---|--------------------------|
| | | Dia. (mm) | Length (mm) | Ripple current (120Hz) (+85°C) (A) | tan δ (120Hz) (+20°C) | | |
| 80 | 3900 | 22 | 50 | 3.6 | 0.25 | EETUQ1K392HJ | 200 |
| | | 25 | 40 | 3.6 | 0.25 | EETUQ1K392JJ | 200 |
| | 4700 | 25 | 45 | 4.1 | 0.25 | EETUQ1K472JJ | 200 |
| | | 30 | 30 | 4.1 | 0.25 | EETUQ1K472KJ | 200 |
| | 5600 | 25 | 50 | 4.6 | 0.25 | EETUQ1K562JJ | 200 |
| | | 30 | 35 | 4.6 | 0.25 | EETUQ1K562KJ | 100 |
| | | 35 | 30 | 4.6 | 0.25 | EETUQ1K562LJ | 200 |
| | 6800 | 30 | 45 | 5.2 | 0.25 | EETUQ1K682KJ | 100 |
| | | 35 | 35 | 5.2 | 0.25 | EETUQ1K682LJ | 100 |
| | 8200 | 30 | 50 | 5.8 | 0.25 | EETUQ1K822KJ | 100 |
| | | 35 | 40 | 5.8 | 0.25 | EETUQ1K822LJ | 100 |
| | 10000 | 35 | 45 | 6.4 | 0.25 | EETUQ1K103LJ | 100 |
| 12000 | 35 | 50 | 7.0 | 0.25 | EETUQ1K123LJ | 100 | |
| 100 | 1000 | 22 | 25 | 2.0 | 0.25 | EETUQ2A102HJ | 200 |
| | | 22 | 30 | 2.3 | 0.25 | EETUQ2A122HJ | 200 |
| | 1200 | 25 | 25 | 2.3 | 0.25 | EETUQ2A122JJ | 200 |
| | | 22 | 30 | 2.6 | 0.25 | EETUQ2A152HJ | 200 |
| | 1500 | 22 | 30 | 2.6 | 0.25 | EETUQ2A152HJ | 200 |
| | | 22 | 35 | 2.8 | 0.25 | EETUQ2A182HJ | 200 |
| | 1800 | 25 | 30 | 2.8 | 0.25 | EETUQ2A182JJ | 200 |
| | | 22 | 45 | 3.1 | 0.25 | EETUQ2A222HJ | 200 |
| | 2200 | 25 | 35 | 3.1 | 0.25 | EETUQ2A222JJ | 200 |
| | | 30 | 25 | 3.1 | 0.25 | EETUQ2A222KJ | 200 |
| | | 22 | 50 | 3.7 | 0.25 | EETUQ2A272HJ | 200 |
| | 2700 | 25 | 40 | 3.7 | 0.25 | EETUQ2A272JJ | 200 |
| | | 30 | 30 | 3.7 | 0.25 | EETUQ2A272KJ | 200 |
| | | 35 | 25 | 3.7 | 0.25 | EETUQ2A272LJ | 200 |
| | 3300 | 25 | 45 | 4.1 | 0.25 | EETUQ2A332JJ | 200 |
| | | 30 | 35 | 4.1 | 0.25 | EETUQ2A332KJ | 100 |
| | 3900 | 25 | 50 | 4.5 | 0.25 | EETUQ2A392JJ | 200 |
| | | 30 | 40 | 4.5 | 0.25 | EETUQ2A392KJ | 100 |
| | | 35 | 30 | 4.5 | 0.25 | EETUQ2A392LJ | 200 |
| | 4700 | 30 | 45 | 5.1 | 0.25 | EETUQ2A472KJ | 100 |
| | | 35 | 35 | 5.1 | 0.25 | EETUQ2A472LJ | 100 |
| | 5600 | 30 | 50 | 5.8 | 0.25 | EETUQ2A562KJ | 100 |
| | | 35 | 40 | 5.8 | 0.25 | EETUQ2A562LJ | 100 |
| | 6800 | 35 | 45 | 6.6 | 0.25 | EETUQ2A682LJ | 100 |
| 8200 | 35 | 50 | 7.2 | 0.25 | EETUQ2A822LJ | 100 | |

Endurance : 85°C 2000 h, Terminal Pitch : 10mm

When capacitors of φ35×45L and φ35×50L are mounted on PWB, reinforce them with mounting clamp or adhesives.(Avoid using adhesives including halogenated compositions.)

■ Standard Products

| W.V. (V) | Cap. (±20%) (μF) | Case size | | Specification | | Part No. PET sleeve Terminal Length 4.0mm (Without P.V.C.plate) | Min.Packaging Q'ty (pcs) |
|-------------|------------------------|--------------|----------------|---|-----------------------------|---|---------------------------------|
| | | Dia. (mm) | Length (mm) | Ripple current (120Hz) (+85°C) (A) | tan δ (120Hz) (+20°C) | | |
| 160 | 560 | 22 | 25 | 2.25 | 0.15 | EETUQ2C561HJ | 200 |
| | 680 | 22 | 30 | 2.50 | 0.15 | EETUQ2C681HJ | 200 |
| | 820 | 22 | 35 | 2.75 | 0.15 | EETUQ2C821HJ | 200 |
| | 1000 | 22 | 40 | 3.00 | 0.15 | EETUQ2C102HJ | 200 |
| | | 25 | 30 | 3.00 | 0.15 | EETUQ2C102JJ | 200 |
| | 1200 | 22 | 45 | 3.25 | 0.15 | EETUQ2C122HJ | 200 |
| | | 25 | 35 | 3.25 | 0.15 | EETUQ2C122JJ | 200 |
| | | 30 | 25 | 3.25 | 0.15 | EETUQ2C122KJ | 200 |
| | 1500 | 22 | 50 | 3.73 | 0.15 | EETUQ2C152HJ | 200 |
| | | 25 | 40 | 3.73 | 0.15 | EETUQ2C152JJ | 200 |
| | | 30 | 30 | 3.73 | 0.15 | EETUQ2C152KJ | 200 |
| | | 35 | 25 | 3.73 | 0.15 | EETUQ2C152LJ | 200 |
| | 1800 | 25 | 45 | 4.20 | 0.15 | EETUQ2C182JJ | 200 |
| | | 30 | 35 | 4.20 | 0.15 | EETUQ2C182KJ | 100 |
| | | 35 | 30 | 4.20 | 0.15 | EETUQ2C182LJ | 200 |
| | 2200 | 30 | 40 | 4.78 | 0.15 | EETUQ2C222KJ | 100 |
| | | 35 | 35 | 4.78 | 0.15 | EETUQ2C222LJ | 100 |
| | 2700 | 30 | 45 | 5.45 | 0.15 | EETUQ2C272KJ | 100 |
| 35 | | 40 | 5.45 | 0.15 | EETUQ2C272LJ | 100 | |
| 3300 | 35 | 45 | 5.75 | 0.15 | EETUQ2C332LJ | 100 | |
| 3900 | 35 | 50 | 6.00 | 0.15 | EETUQ2C392LJ | 100 | |
| 180 | 470 | 22 | 25 | 2.08 | 0.15 | EETUQ2P471HJ | 200 |
| | 560 | 22 | 30 | 2.25 | 0.15 | EETUQ2P561HJ | 200 |
| | 680 | 22 | 30 | 2.50 | 0.15 | EETUQ2P681HJ | 200 |
| | | 25 | 25 | 2.50 | 0.15 | EETUQ2P681JJ | 200 |
| | 820 | 22 | 35 | 2.75 | 0.15 | EETUQ2P821HJ | 200 |
| | | 25 | 30 | 2.75 | 0.15 | EETUQ2P821JJ | 200 |
| | 1000 | 22 | 45 | 3.00 | 0.15 | EETUQ2P102HJ | 200 |
| | | 25 | 35 | 3.00 | 0.15 | EETUQ2P102JJ | 200 |
| | | 30 | 25 | 3.00 | 0.15 | EETUQ2P102KJ | 200 |
| | 1200 | 22 | 50 | 3.31 | 0.15 | EETUQ2P122HJ | 200 |
| | | 25 | 40 | 3.31 | 0.15 | EETUQ2P122JJ | 200 |
| | | 30 | 30 | 3.31 | 0.15 | EETUQ2P122KJ | 200 |
| | | 35 | 25 | 3.31 | 0.15 | EETUQ2P122LJ | 200 |
| | 1500 | 25 | 45 | 3.83 | 0.15 | EETUQ2P152JJ | 200 |
| | | 30 | 35 | 3.83 | 0.15 | EETUQ2P152KJ | 100 |
| | | 35 | 30 | 3.83 | 0.15 | EETUQ2P152LJ | 200 |
| | 1800 | 25 | 50 | 4.32 | 0.15 | EETUQ2P182JJ | 200 |
| | | 30 | 40 | 4.32 | 0.15 | EETUQ2P182KJ | 100 |
| 35 | | 30 | 4.32 | 0.15 | EETUQ2P182LJ | 200 | |
| 2200 | 30 | 45 | 4.92 | 0.15 | EETUQ2P222KJ | 100 | |
| | 35 | 40 | 4.92 | 0.15 | EETUQ2P222LJ | 100 | |

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Terminal Pitch : 10mm

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■ Standard Products

| W.V. (V) | Cap. (±20%) (μF) | Case size | | Specification | | Part No. PET sleeve Terminal Length 4.0mm (Without P.V.C.plate) | Min.Packaging Q'ty (pcs) |
|-------------|------------------------|--------------|----------------|---|-----------------------------|---|-----------------------------|
| | | Dia. (mm) | Length (mm) | Ripple current (120Hz) (+85°C) (A) | tan δ (120Hz) (+20°C) | | |
| 180 | 2700 | 30 | 50 | 5.52 | 0.15 | EETUQ2P272KJ | 100 |
| | | 35 | 45 | 5.52 | 0.15 | EETUQ2P272LJ | 100 |
| | 3300 | 35 | 50 | 5.75 | 0.15 | EETUQ2P332LJ | 100 |
| 200 | 390 | 22 | 25 | 1.68 | 0.15 | EETUQ2D391HJ | 200 |
| | | 470 | 22 | 30 | 1.85 | 0.15 | EETUQ2D471HJ |
| | 560 | 22 | 30 | 2.43 | 0.15 | EETUQ2D561HJ | 200 |
| | | 25 | 25 | 2.43 | 0.15 | EETUQ2D561JJ | 200 |
| | 680 | 22 | 35 | 2.68 | 0.15 | EETUQ2D681HJ | 200 |
| | | 25 | 30 | 2.68 | 0.15 | EETUQ2D681JJ | 200 |
| | 820 | 22 | 40 | 2.93 | 0.15 | EETUQ2D821HJ | 200 |
| | | 25 | 30 | 2.93 | 0.15 | EETUQ2D821JJ | 200 |
| | | 30 | 25 | 2.93 | 0.15 | EETUQ2D821KJ | 200 |
| | 1000 | 22 | 45 | 3.25 | 0.15 | EETUQ2D102HJ | 200 |
| | | 25 | 35 | 3.25 | 0.15 | EETUQ2D102JJ | 200 |
| | | 30 | 30 | 3.25 | 0.15 | EETUQ2D102KJ | 200 |
| | | 35 | 25 | 3.25 | 0.15 | EETUQ2D102LJ | 200 |
| | 1200 | 22 | 50 | 3.50 | 0.15 | EETUQ2D122HJ | 200 |
| | | 25 | 40 | 3.50 | 0.15 | EETUQ2D122JJ | 200 |
| | | 30 | 30 | 3.50 | 0.15 | EETUQ2D122KJ | 200 |
| | 1500 | 25 | 50 | 3.87 | 0.15 | EETUQ2D152JJ | 200 |
| | | 30 | 35 | 3.87 | 0.15 | EETUQ2D152KJ | 100 |
| | | 35 | 30 | 3.87 | 0.15 | EETUQ2D152LJ | 200 |
| | 1800 | 30 | 45 | 4.32 | 0.15 | EETUQ2D182KJ | 100 |
| | | 35 | 35 | 4.32 | 0.15 | EETUQ2D182LJ | 100 |
| | 2200 | 30 | 50 | 4.92 | 0.15 | EETUQ2D222KJ | 100 |
| | | 35 | 40 | 4.92 | 0.15 | EETUQ2D222LJ | 100 |
| | 2700 | 35 | 50 | 5.45 | 0.15 | EETUQ2D272LJ | 100 |
| 250 | 270 | 22 | 25 | 1.31 | 0.15 | EETUQ2E271HJ | 200 |
| | 330 | 22 | 30 | 1.75 | 0.15 | EETUQ2E331HJ | 200 |
| | 390 | 22 | 30 | 1.91 | 0.15 | EETUQ2E391HJ | 200 |
| | | 25 | 25 | 1.91 | 0.15 | EETUQ2E391JJ | 200 |
| | 470 | 22 | 35 | 2.11 | 0.15 | EETUQ2E471HJ | 200 |
| | | 25 | 30 | 2.11 | 0.15 | EETUQ2E471JJ | 200 |
| | 560 | 22 | 40 | 2.25 | 0.15 | EETUQ2E561HJ | 200 |
| | | 25 | 30 | 2.25 | 0.15 | EETUQ2E561JJ | 200 |
| | | 30 | 25 | 2.25 | 0.15 | EETUQ2E561KJ | 200 |
| | 680 | 22 | 45 | 2.50 | 0.15 | EETUQ2E681HJ | 200 |
| | | 25 | 35 | 2.50 | 0.15 | EETUQ2E681JJ | 200 |
| | | 30 | 30 | 2.50 | 0.15 | EETUQ2E681KJ | 200 |
| | 820 | 22 | 50 | 2.77 | 0.15 | EETUQ2E821HJ | 200 |
| | | 25 | 40 | 2.77 | 0.15 | EETUQ2E821JJ | 200 |
| | | 30 | 30 | 2.77 | 0.15 | EETUQ2E821KJ | 200 |

Endurance : 85°C 2000h

Terminal Pitch : 10mm

When capacitors of φ35x45L and φ35x50L are mounted on PWB, reinforce them with mounting clamp or adhesives.(Avoid using adhesives including halogenated compositions.)

Design, and specifications are each subject to change without notice. Ask factory for the current technical specifications before purchase and / or use. Should a safety concern arise regarding this product, please be sure to contact us immediately.

■ Standard Products

| W.V. (V) | Cap. (±20%) (μF) | Case size | | Specification | | Part No. PET sleeve Terminal Length 4.0mm (Without P.V.C.plate) | Min.Packaging Q'ty (pcs) |
|-------------|------------------------|--------------|----------------|--|-----------------------------|---|-----------------------------|
| | | Dia. (mm) | Length (mm) | Ripple current (120Hz) (+85°C) (A) | tan δ (120Hz) (+20°C) | | |
| 250 | 820 | 35 | 25 | 2.77 | 0.15 | EETUQ2E821LJ | 200 |
| | 1000 | 25 | 45 | 3.32 | 0.15 | EETUQ2E102JJ | 200 |
| | | 30 | 35 | 3.32 | 0.15 | EETUQ2E102KJ | 100 |
| | | 35 | 30 | 3.32 | 0.15 | EETUQ2E102LJ | 200 |
| | 1200 | 30 | 40 | 3.53 | 0.15 | EETUQ2E122KJ | 100 |
| | | 35 | 35 | 3.53 | 0.15 | EETUQ2E122LJ | 100 |
| | 1500 | 30 | 50 | 4.04 | 0.15 | EETUQ2E152KJ | 100 |
| | | 35 | 40 | 4.04 | 0.15 | EETUQ2E152LJ | 100 |
| 1800 | 35 | 45 | 4.55 | 0.15 | EETUQ2E182LJ | 100 | |
| 315 | 180 | 22 | 25 | 1.12 | 0.15 | EETUQ2F181HJ | 200 |
| | 220 | 22 | 30 | 1.41 | 0.15 | EETUQ2F221HJ | 200 |
| | 270 | 22 | 30 | 1.60 | 0.15 | EETUQ2F271HJ | 200 |
| | 330 | 22 | 40 | 1.82 | 0.15 | EETUQ2F331HJ | 200 |
| | | 25 | 30 | 1.82 | 0.15 | EETUQ2F331JJ | 200 |
| | | 30 | 25 | 1.82 | 0.15 | EETUQ2F331KJ | 200 |
| | 390 | 22 | 45 | 2.01 | 0.15 | EETUQ2F391HJ | 200 |
| | | 25 | 35 | 2.01 | 0.15 | EETUQ2F391JJ | 200 |
| | | 30 | 30 | 2.01 | 0.15 | EETUQ2F391KJ | 200 |
| | 470 | 22 | 50 | 2.27 | 0.15 | EETUQ2F471HJ | 200 |
| | | 25 | 40 | 2.27 | 0.15 | EETUQ2F471JJ | 200 |
| | | 30 | 30 | 2.27 | 0.15 | EETUQ2F471KJ | 200 |
| | | 35 | 25 | 2.27 | 0.15 | EETUQ2F471LJ | 200 |
| | 560 | 25 | 45 | 2.56 | 0.15 | EETUQ2F561JJ | 200 |
| | | 30 | 35 | 2.56 | 0.15 | EETUQ2F561KJ | 100 |
| | | 35 | 30 | 2.56 | 0.15 | EETUQ2F561LJ | 200 |
| | 680 | 30 | 40 | 2.87 | 0.15 | EETUQ2F681KJ | 100 |
| | | 35 | 35 | 2.87 | 0.15 | EETUQ2F681LJ | 100 |
| | 820 | 30 | 45 | 3.25 | 0.15 | EETUQ2F821KJ | 100 |
| | | 35 | 40 | 3.25 | 0.15 | EETUQ2F821LJ | 100 |
| 1000 | 30 | 50 | 3.63 | 0.15 | EETUQ2F102KJ | 100 | |
| | 35 | 45 | 3.63 | 0.15 | EETUQ2F102LJ | 100 | |
| 350 | 150 | 22 | 25 | 1.12 | 0.15 | EETUQ2V151HJ | 200 |
| | 180 | 22 | 30 | 1.22 | 0.15 | EETUQ2V181HJ | 200 |
| | 220 | 22 | 35 | 1.44 | 0.15 | EETUQ2V221HJ | 200 |
| | 270 | 22 | 40 | 1.66 | 0.15 | EETUQ2V271HJ | 200 |
| | | 25 | 30 | 1.66 | 0.15 | EETUQ2V271JJ | 200 |
| | 330 | 22 | 45 | 1.88 | 0.15 | EETUQ2V331HJ | 200 |
| | | 25 | 35 | 1.88 | 0.15 | EETUQ2V331JJ | 200 |
| | 390 | 22 | 50 | 2.06 | 0.15 | EETUQ2V391HJ | 200 |
| | | 25 | 40 | 2.06 | 0.15 | EETUQ2V391JJ | 200 |
| | | 30 | 30 | 2.06 | 0.15 | EETUQ2V391KJ | 200 |
| 35 | 25 | 2.06 | 0.15 | EETUQ2V391LJ | 200 | | |

Endurance : 85°C 2000h

Terminal Pitch : 10mm

When capacitors of φ35x45L and φ35x50L are mounted on PWB, reinforce them with mounting clamp or adhesives.(Avoid using adhesives including halogenated compositions.)

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■ Standard Products

| W.V. (V) | Cap. (±20%) (μF) | Case size | | Specification | | Part No. PET sleeve Terminal Length 4.0mm (Without P.V.C.plate) | Min.Packaging Q'ty (pcs) |
|-------------|------------------------|--------------|----------------|---|-----------------------------|---|---------------------------------|
| | | Dia. (mm) | Length (mm) | Ripple current (120Hz) (+85°C) (A) | tan δ (120Hz) (+20°C) | | |
| 350 | 470 | 25 | 45 | 2.40 | 0.15 | EETUQ2V471JJ | 200 |
| | | 30 | 35 | 2.40 | 0.15 | EETUQ2V471KJ | 100 |
| | | 35 | 30 | 2.40 | 0.15 | EETUQ2V471LJ | 200 |
| | 560 | 25 | 50 | 2.60 | 0.15 | EETUQ2V561JJ | 200 |
| | | 30 | 40 | 2.60 | 0.15 | EETUQ2V561KJ | 100 |
| | | 35 | 30 | 2.60 | 0.15 | EETUQ2V561LJ | 200 |
| | 680 | 30 | 45 | 2.96 | 0.15 | EETUQ2V681KJ | 100 |
| | | 35 | 35 | 2.96 | 0.15 | EETUQ2V681LJ | 100 |
| | 820 | 30 | 50 | 3.25 | 0.15 | EETUQ2V821KJ | 100 |
| | | 35 | 45 | 3.25 | 0.15 | EETUQ2V821LJ | 100 |
| 1000 | 35 | 50 | 3.54 | 0.15 | EETUQ2V102LJ | 100 | |
| 400 | 120 | 22 | 25 | 1.02 | 0.15 | EETUQ2G121HJ | 200 |
| | 150 | 22 | 30 | 1.16 | 0.15 | EETUQ2G151HJ | 200 |
| | 180 | 22 | 35 | 1.44 | 0.15 | EETUQ2G181HJ | 200 |
| | 220 | 22 | 40 | 1.49 | 0.15 | EETUQ2G221HJ | 200 |
| | | 25 | 30 | 1.49 | 0.15 | EETUQ2G221JJ | 200 |
| | 270 | 22 | 45 | 1.67 | 0.15 | EETUQ2G271HJ | 200 |
| | | 25 | 35 | 1.67 | 0.15 | EETUQ2G271JJ | 200 |
| | | 30 | 30 | 1.67 | 0.15 | EETUQ2G271KJ | 200 |
| | 330 | 22 | 50 | 1.90 | 0.15 | EETUQ2G331HJ | 200 |
| | | 25 | 40 | 1.90 | 0.15 | EETUQ2G331JJ | 200 |
| | | 30 | 30 | 1.90 | 0.15 | EETUQ2G331KJ | 200 |
| | | 35 | 25 | 1.90 | 0.15 | EETUQ2G331LJ | 200 |
| | 390 | 25 | 45 | 2.13 | 0.15 | EETUQ2G391JJ | 200 |
| | | 30 | 35 | 2.13 | 0.15 | EETUQ2G391KJ | 100 |
| | | 35 | 30 | 2.13 | 0.15 | EETUQ2G391LJ | 200 |
| | 470 | 25 | 50 | 2.39 | 0.15 | EETUQ2G471JJ | 200 |
| | | 30 | 40 | 2.39 | 0.15 | EETUQ2G471KJ | 100 |
| | | 35 | 30 | 2.39 | 0.15 | EETUQ2G471LJ | 200 |
| | 560 | 30 | 45 | 2.69 | 0.15 | EETUQ2G561KJ | 100 |
| | | 35 | 35 | 2.69 | 0.15 | EETUQ2G561LJ | 100 |
| 680 | 30 | 50 | 2.96 | 0.15 | EETUQ2G681KJ | 100 | |
| | 35 | 45 | 2.96 | 0.15 | EETUQ2G681LJ | 100 | |
| 820 | 35 | 50 | 3.25 | 0.15 | EETUQ2G821LJ | 100 | |
| 450 | 82 | 22 | 25 | 0.83 | 0.15 | EETUQ2W820HJ | 200 |
| | 100 | 22 | 25 | 0.93 | 0.15 | EETUQ2W101HJ | 200 |
| | 120 | 22 | 30 | 1.04 | 0.15 | EETUQ2W121HJ | 200 |
| | 150 | 22 | 35 | 1.19 | 0.15 | EETUQ2W151HJ | 200 |
| | | 25 | 30 | 1.19 | 0.15 | EETUQ2W151JJ | 200 |
| | 180 | 22 | 40 | 1.35 | 0.15 | EETUQ2W181HJ | 200 |
| | | 25 | 30 | 1.35 | 0.15 | EETUQ2W181JJ | 200 |
| | 220 | 22 | 45 | 1.55 | 0.15 | EETUQ2W221HJ | 200 |

Endurance : 85°C 2000h

Terminal Pitch : 10mm

When capacitors of φ35x45L and φ35x50L are mounted on PWB, reinforce them with mounting clamp or adhesives.(Avoid using adhesives including halogenated compositions.)

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■ Standard Products

| W.V. (V) | Cap. (±20%) (μF) | Case size | | Specification | | Part No. PET sleeve Terminal Length 4.0mm (Without P.V.C.plate) | Min.Packaging Q'ty (pcs) |
|-------------|------------------------|--------------|----------------|---|-----------------------------|---|---------------------------------|
| | | Dia. (mm) | Length (mm) | Ripple current (120Hz) (+85°C) (A) | tan δ (120Hz) (+20°C) | | |
| 450 | 220 | 25 | 40 | 1.55 | 0.15 | EETUQ2W221JJ | 200 |
| | | 30 | 30 | 1.55 | 0.15 | EETUQ2W221KJ | 200 |
| | | 35 | 25 | 1.55 | 0.15 | EETUQ2W221LJ | 200 |
| | 270 | 22 | 50 | 1.78 | 0.15 | EETUQ2W271HJ | 200 |
| | | 25 | 40 | 1.78 | 0.15 | EETUQ2W271JJ | 200 |
| | | 30 | 30 | 1.78 | 0.15 | EETUQ2W271KJ | 200 |
| | 330 | 25 | 50 | 2.01 | 0.15 | EETUQ2W331JJ | 200 |
| | | 30 | 40 | 2.01 | 0.15 | EETUQ2W331KJ | 100 |
| | | 35 | 30 | 2.01 | 0.15 | EETUQ2W331LJ | 200 |
| | 390 | 30 | 40 | 2.24 | 0.15 | EETUQ2W391KJ | 100 |
| | | 35 | 35 | 2.24 | 0.15 | EETUQ2W391LJ | 100 |
| | 470 | 30 | 45 | 2.53 | 0.15 | EETUQ2W471KJ | 100 |
| | | 35 | 40 | 2.53 | 0.15 | EETUQ2W471LJ | 100 |
| | 560 | 30 | 50 | 2.82 | 0.15 | EETUQ2W561KJ | 100 |
| | | 35 | 45 | 2.82 | 0.15 | EETUQ2W561LJ | 100 |

Endurance : 85°C 2000h

Terminal Pitch : 10mm

When capacitors of φ35x45L and φ35x50L are mounted on PWB, reinforce them with mounting clamp or adhesives.(Avoid using adhesives including halogenated compositions.)

Surface Mount Type
 Radial Lead Type
Aluminum Electrolytic Capacitors
 Snap-In Type