

Snap-in Type

Series: **HC** Type: **TS**

Discontinued

(Last purchasing order: 31/Mar/2015)
(Last shipment : 30/Jun/2015)



■ Features

- Endurance : 105 °C 2000 h
- 30 % smaller than series TS-HB
- RoHS directive compliant

■ Specifications

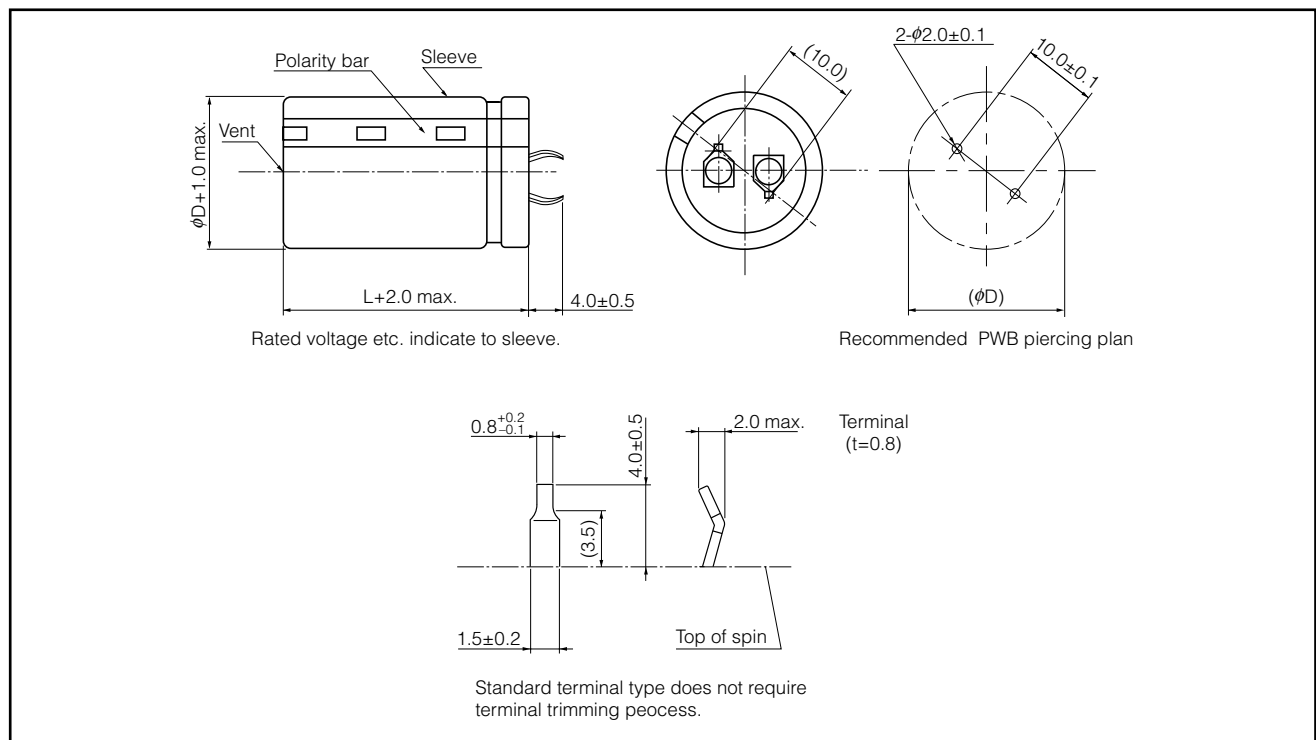
| | | | |
|-----------------------|---|------------------------------------|----------------------|
| Category Temp. Range | -40 °C to +105 °C | | -25 °C to +105 °C |
| Rated W.V. Range | 10 V.DC to 100 V.DC | 160 V.DC to 250 V.DC | 315 V.DC to 450 V.DC |
| Nominal Cap. Range | 820 μF to 100000 μF | 150 μF to 3300 μF | 39 μF to 1000 μF |
| Capacitance Tolerance | ±20 % (120 Hz/+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 | | |
| Endurance | After 2000 hours application of DC voltage with specified ripple current (≤ rated DC working voltage) at +105 °C±2 °C, the capacitors 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 +105 °C±2 °C within no voltage applied and then being stabilized at +20 °C, capacitors shall meet the limits specified in Endurance. (With voltage treatment) | | |

■ Frequency correction factor for ripple current

| Rated Voltage | Frequency (Hz) | | | | | | |
|----------------------------|----------------|------|------|------|------|------|---------|
| | 50 | 60 | 100 | 120 | 500 | 1 k | 10 k to |
| 10 V.DC to 100 V.DC /C.F. | 0.93 | 0.95 | 0.99 | 1.00 | 1.05 | 1.08 | 1.15 |
| 160 V.DC to 450 V.DC /C.F. | 0.75 | 0.80 | 0.95 | 1.00 | 1.20 | 1.25 | 1.40 |

■ Dimensions in mm (not to scale)

(Unit : mm)



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

Discontinued

Endurance : 105 °C 2000 h

| W.V. (V. DC) | Cap. (120 Hz) (±20 %) (μF) | Case size | | Part No. PET sleeve Terminal Length 4.0 mm (Without Top Plate) | Specification | | Min. Packaging Q'ty (pcs) |
|-----------------|-------------------------------------|--------------|----------------|--|---|---------------------------------------|----------------------------------|
| | | Dia. (mm) | Length (mm) | | Ripple Current (120 Hz) (+105 °C) (A r.m.s.) | tan δ (120 Hz) (+20 °C) max. | |
| 10 | 12000 | 22 | 25 | EETHC1A123HJ | 2.20 | 0.65 | 200 |
| | 15000 | 22 | 30 | EETHC1A153HJ | 2.30 | 0.65 | 200 |
| | 18000 | 22 | 30 | EETHC1A183HJ | 2.40 | 0.65 | 200 |
| | | 25 | 25 | EETHC1A183JJ | 2.40 | 0.65 | 200 |
| | 22000 | 22 | 35 | EETHC1A223HJ | 2.60 | 0.65 | 200 |
| | | 25 | 30 | EETHC1A223JJ | 2.60 | 0.65 | 200 |
| | 27000 | 22 | 40 | EETHC1A273HJ | 3.10 | 0.65 | 200 |
| | | 25 | 35 | EETHC1A273JJ | 3.10 | 0.65 | 200 |
| | | 30 | 25 | EETHC1A273KJ | 3.10 | 0.65 | 100 |
| | 33000 | 22 | 45 | EETHC1A333HJ | 3.40 | 0.65 | 200 |
| | | 25 | 40 | EETHC1A333JJ | 3.40 | 0.65 | 200 |
| | 39000 | 25 | 45 | EETHC1A393JJ | 3.70 | 0.71 | 200 |
| | | 30 | 30 | EETHC1A393KJ | 3.70 | 0.71 | 100 |
| | | 35 | 25 | EETHC1A393LJ | 3.70 | 0.71 | 100 |
| | 47000 | 25 | 50 | EETHC1A473JJ | 4.20 | 0.79 | 200 |
| | | 30 | 35 | EETHC1A473KJ | 4.20 | 0.79 | 100 |
| | | 35 | 30 | EETHC1A473LJ | 4.20 | 0.79 | 100 |
| | 56000 | 30 | 40 | EETHC1A563KJ | 5.00 | 0.88 | 100 |
| | | 35 | 35 | EETHC1A563LJ | 5.00 | 0.88 | 100 |
| | 68000 | 30 | 45 | EETHC1A683KJ | 5.40 | 1.00 | 100 |
| 35 | | 40 | EETHC1A683LJ | 5.40 | 1.00 | 100 | |
| * | 82000 | 35 | 45 | EETHC1A823LJ | 5.90 | 1.14 | 100 |
| * | 100000 | 35 | 50 | EETHC1A104LJ | 6.50 | 1.32 | 100 |
| 16 | 10000 | 22 | 25 | EETHC1C103HJ | 2.60 | 0.55 | 200 |
| | 12000 | 22 | 30 | EETHC1C123HJ | 2.90 | 0.55 | 200 |
| | | 25 | 25 | EETHC1C123JJ | 2.90 | 0.55 | 200 |
| | 15000 | 22 | 35 | EETHC1C153HJ | 3.20 | 0.55 | 200 |
| | 18000 | 22 | 40 | EETHC1C183HJ | 3.50 | 0.55 | 200 |
| | | 25 | 30 | EETHC1C183JJ | 3.50 | 0.55 | 200 |
| | 22000 | 22 | 45 | EETHC1C223HJ | 3.80 | 0.55 | 200 |
| | | 25 | 35 | EETHC1C223JJ | 3.80 | 0.55 | 200 |
| | | 30 | 25 | EETHC1C223KJ | 3.80 | 0.55 | 100 |
| | 27000 | 22 | 50 | EETHC1C273HJ | 4.20 | 0.55 | 200 |
| | | 25 | 40 | EETHC1C273JJ | 4.20 | 0.55 | 200 |
| | | 30 | 30 | EETHC1C273KJ | 4.20 | 0.55 | 100 |
| | | 35 | 25 | EETHC1C273LJ | 4.20 | 0.55 | 100 |
| | 33000 | 25 | 45 | EETHC1C333JJ | 4.70 | 0.55 | 200 |
| | | 30 | 35 | EETHC1C333KJ | 4.70 | 0.55 | 100 |
| | 39000 | 30 | 40 | EETHC1C393KJ | 5.10 | 0.61 | 100 |
| | | 35 | 30 | EETHC1C393LJ | 5.10 | 0.61 | 100 |
| | 47000 | 30 | 45 | EETHC1C473KJ | 5.50 | 0.69 | 100 |
| | | 35 | 35 | EETHC1C473LJ | 5.50 | 0.69 | 100 |
| | 56000 | 30 | 50 | EETHC1C563KJ | 6.00 | 0.78 | 100 |
| 35 | | 40 | EETHC1C563LJ | 6.00 | 0.78 | 100 | |
| * | 68000 | 35 | 45 | EETHC1C683LJ | 6.40 | 0.90 | 100 |

*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

Discontinued

Endurance : 105 °C 2000 h

| W.V. (V. DC) | Cap. (120 Hz) (±20 %) (μF) | Case size | | Part No. PET sleeve Terminal Length 4.0 mm (Without Top Plate) | Specification | | Min. Packaging Q'ty (pcs) |
|-----------------|-------------------------------------|--------------|----------------|--|---|---------------------------------------|----------------------------------|
| | | Dia. (mm) | Length (mm) | | Ripple Current (120 Hz) (+105 °C) (A r.m.s.) | tan δ (120 Hz) (+20 °C) max. | |
| 25 | 6800 | 22 | 25 | EETHC1E682HJ | 2.40 | 0.40 | 200 |
| | 8200 | 22 | 30 | EETHC1E822HJ | 2.70 | 0.40 | 200 |
| | | 25 | 25 | EETHC1E822JJ | 2.70 | 0.40 | 200 |
| | 10000 | 22 | 35 | EETHC1E103HJ | 3.00 | 0.40 | 200 |
| | 12000 | 22 | 40 | EETHC1E123HJ | 3.20 | 0.40 | 200 |
| | | 25 | 30 | EETHC1E123JJ | 3.20 | 0.40 | 200 |
| | 15000 | 22 | 45 | EETHC1E153HJ | 3.60 | 0.40 | 200 |
| | | 25 | 35 | EETHC1E153JJ | 3.60 | 0.40 | 200 |
| | | 30 | 25 | EETHC1E153KJ | 3.60 | 0.40 | 100 |
| | 18000 | 22 | 50 | EETHC1E183HJ | 3.90 | 0.40 | 200 |
| | | 25 | 40 | EETHC1E183JJ | 3.90 | 0.40 | 200 |
| | | 30 | 30 | EETHC1E183KJ | 3.90 | 0.40 | 100 |
| | | 35 | 25 | EETHC1E183LJ | 3.90 | 0.40 | 100 |
| | 22000 | 25 | 45 | EETHC1E223JJ | 4.30 | 0.40 | 200 |
| | | 30 | 35 | EETHC1E223KJ | 4.30 | 0.40 | 100 |
| | | 35 | 30 | EETHC1E223LJ | 4.30 | 0.40 | 100 |
| | 27000 | 30 | 40 | EETHC1E273KJ | 4.80 | 0.40 | 100 |
| | | 35 | 35 | EETHC1E273LJ | 4.80 | 0.40 | 100 |
| | 33000 | 30 | 45 | EETHC1E333KJ | 5.50 | 0.40 | 100 |
| | | 35 | 40 | EETHC1E333LJ | 5.50 | 0.40 | 100 |
| * 39000 | 30 | 50 | EETHC1E393KJ | 5.80 | 0.46 | 100 | |
| | 35 | 45 | EETHC1E393LJ | 5.80 | 0.46 | 100 | |
| * 47000 | 35 | 50 | EETHC1E473LJ | 6.30 | 0.54 | 100 | |
| 35 | 4700 | 22 | 25 | EETHC1V472HJ | 2.20 | 0.35 | 200 |
| | 5600 | 22 | 30 | EETHC1V562HJ | 2.40 | 0.35 | 200 |
| | | 25 | 25 | EETHC1V562JJ | 2.40 | 0.35 | 200 |
| | 6800 | 22 | 35 | EETHC1V682HJ | 2.60 | 0.35 | 200 |
| | 8200 | 22 | 40 | EETHC1V822HJ | 2.90 | 0.35 | 200 |
| | | 25 | 30 | EETHC1V822JJ | 2.90 | 0.35 | 200 |
| | 10000 | 22 | 45 | EETHC1V103HJ | 3.20 | 0.35 | 200 |
| | | 25 | 35 | EETHC1V103JJ | 3.20 | 0.35 | 200 |
| | | 30 | 25 | EETHC1V103KJ | 3.20 | 0.35 | 100 |
| | 12000 | 22 | 50 | EETHC1V123HJ | 3.50 | 0.35 | 200 |
| | | 25 | 40 | EETHC1V123JJ | 3.50 | 0.35 | 200 |
| | | 30 | 30 | EETHC1V123KJ | 3.50 | 0.35 | 100 |
| | | 35 | 25 | EETHC1V123LJ | 3.50 | 0.35 | 100 |
| | 15000 | 25 | 45 | EETHC1V153JJ | 3.90 | 0.35 | 200 |
| | | 30 | 35 | EETHC1V153KJ | 3.90 | 0.35 | 100 |
| | | 35 | 30 | EETHC1V153LJ | 3.90 | 0.35 | 100 |
| | 18000 | 30 | 40 | EETHC1V183KJ | 4.30 | 0.35 | 100 |
| | | 35 | 35 | EETHC1V183LJ | 4.30 | 0.35 | 100 |
| | 22000 | 30 | 45 | EETHC1V223KJ | 5.00 | 0.35 | 100 |
| | | 35 | 40 | EETHC1V223LJ | 5.00 | 0.35 | 100 |
| * 27000 | 35 | 45 | EETHC1V273LJ | 5.30 | 0.35 | 100 | |
| * 33000 | 35 | 50 | EETHC1V333LJ | 5.90 | 0.35 | 100 | |

*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

Discontinued

Endurance : 105 °C 2000 h

| W.V. (V. DC) | Cap. (120 Hz) (±20 %) (μF) | Case size | | Part No. PET sleeve Terminal Length 4.0 mm (Without Top Plate) | Specification | | Min. Packaging Q'ty (pcs) |
|-----------------|-------------------------------------|--------------|----------------|--|--|---------------------------------------|----------------------------------|
| | | Dia. (mm) | Length (mm) | | Ripple Current (120 Hz) (+105 °C) (A r.m.s.) | tan δ (120 Hz) (+20 °C) max. | |
| 50 | 2700 | 22 | 25 | EETHC1H272HJ | 1.80 | 0.35 | 200 |
| | 3300 | 22 | 30 | EETHC1H332HJ | 2.00 | 0.35 | 200 |
| | 3900 | 22 | 35 | EETHC1H392HJ | 2.20 | 0.35 | 200 |
| | | 25 | 25 | EETHC1H392JJ | 2.20 | 0.35 | 200 |
| | 4700 | 22 | 40 | EETHC1H472HJ | 2.50 | 0.35 | 200 |
| | | 25 | 30 | EETHC1H472JJ | 2.50 | 0.35 | 200 |
| | 5600 | 22 | 45 | EETHC1H562HJ | 2.80 | 0.35 | 200 |
| | | 25 | 35 | EETHC1H562JJ | 2.80 | 0.35 | 200 |
| | | 30 | 25 | EETHC1H562KJ | 2.80 | 0.35 | 100 |
| | 6800 | 22 | 50 | EETHC1H682HJ | 3.30 | 0.35 | 200 |
| | | 25 | 40 | EETHC1H682JJ | 3.30 | 0.35 | 200 |
| | | 30 | 30 | EETHC1H682KJ | 3.30 | 0.35 | 100 |
| | | 35 | 25 | EETHC1H682LJ | 3.30 | 0.35 | 100 |
| | 8200 | 25 | 45 | EETHC1H822JJ | 3.60 | 0.35 | 200 |
| | | 30 | 35 | EETHC1H822KJ | 3.60 | 0.35 | 100 |
| | 10000 | 25 | 50 | EETHC1H103JJ | 4.00 | 0.35 | 200 |
| | | 30 | 40 | EETHC1H103KJ | 4.00 | 0.35 | 100 |
| | | 35 | 30 | EETHC1H103LJ | 4.00 | 0.35 | 100 |
| | 12000 | 30 | 45 | EETHC1H123KJ | 4.50 | 0.35 | 100 |
| | | 35 | 35 | EETHC1H123LJ | 4.50 | 0.35 | 100 |
| 15000 | 30 | 50 | EETHC1H153KJ | 4.80 | 0.35 | 100 | |
| | 35 | 40 | EETHC1H153LJ | 4.80 | 0.35 | 100 | |
| * | 18000 | 35 | 45 | EETHC1H183LJ | 5.20 | 0.35 | 100 |
| 63 | 2200 | 22 | 25 | EETHC1J222HJ | 2.00 | 0.30 | 200 |
| | 2700 | 22 | 30 | EETHC1J272HJ | 2.20 | 0.30 | 200 |
| | | 25 | 25 | EETHC1J272JJ | 2.20 | 0.30 | 200 |
| | 3300 | 22 | 35 | EETHC1J332HJ | 2.50 | 0.30 | 200 |
| | 3900 | 22 | 40 | EETHC1J392HJ | 2.70 | 0.30 | 200 |
| | | 25 | 30 | EETHC1J392JJ | 2.70 | 0.30 | 200 |
| | | 30 | 25 | EETHC1J392KJ | 2.70 | 0.30 | 100 |
| | 4700 | 22 | 45 | EETHC1J472HJ | 3.00 | 0.30 | 200 |
| | | 25 | 35 | EETHC1J472JJ | 3.00 | 0.30 | 200 |
| | 5600 | 22 | 50 | EETHC1J562HJ | 3.30 | 0.30 | 200 |
| | | 25 | 40 | EETHC1J562JJ | 3.30 | 0.30 | 200 |
| | | 30 | 30 | EETHC1J562KJ | 3.30 | 0.30 | 100 |
| | | 35 | 25 | EETHC1J562LJ | 3.30 | 0.30 | 100 |
| | 6800 | 25 | 45 | EETHC1J682JJ | 3.60 | 0.30 | 200 |
| | | 30 | 35 | EETHC1J682KJ | 3.60 | 0.30 | 100 |
| | | 35 | 30 | EETHC1J682LJ | 3.60 | 0.30 | 100 |
| | 8200 | 30 | 40 | EETHC1J822KJ | 3.90 | 0.30 | 100 |
| | | 35 | 35 | EETHC1J822LJ | 3.90 | 0.30 | 100 |
| | 10000 | 30 | 45 | EETHC1J103KJ | 4.40 | 0.30 | 100 |
| | | 35 | 40 | EETHC1J103LJ | 4.40 | 0.30 | 100 |
| * | 12000 | 35 | 45 | EETHC1J123LJ | 4.80 | 0.30 | 100 |
| * | 15000 | 35 | 50 | EETHC1J153LJ | 5.40 | 0.30 | 100 |

*When capacitors of $\phi 35 \times 45L$ and $\phi 35 \times 50L$ are mounted on PWB, reinforce them with mounting clamp or adhesives.
(Avoid using adhesives including halogenated compositions.)

■ Standard Products

Discontinued

Endurance : 105 °C 2000 h

| W.V. (V. DC) | Cap. (120 Hz) (±20 %) (μF) | Case size | | Part No. PET sleeve Terminal Length 4.0 mm (Without Top Plate) | Specification | | Min. Packaging Q'ty (pcs) |
|-----------------|-------------------------------------|--------------|----------------|--|---|---------------------------------------|----------------------------------|
| | | Dia. (mm) | Length (mm) | | Ripple Current (120 Hz) (+105 °C) (A r.m.s.) | tan δ (120 Hz) (+20 °C) max. | |
| 80 | 1200 | 22 | 25 | EETHC1K122HJ | 1.50 | 0.25 | 200 |
| | 1500 | 22 | 30 | EETHC1K152HJ | 1.70 | 0.25 | 200 |
| | | 25 | 25 | EETHC1K152JJ | 1.70 | 0.25 | 200 |
| | 1800 | 22 | 35 | EETHC1K182HJ | 1.80 | 0.25 | 200 |
| | 2200 | 22 | 40 | EETHC1K222HJ | 2.10 | 0.25 | 200 |
| | | 25 | 30 | EETHC1K222JJ | 2.10 | 0.25 | 200 |
| | 2700 | 22 | 45 | EETHC1K272HJ | 2.40 | 0.25 | 200 |
| | | 25 | 35 | EETHC1K272JJ | 2.40 | 0.25 | 200 |
| | | 30 | 25 | EETHC1K272KJ | 2.40 | 0.25 | 100 |
| | 3300 | 22 | 50 | EETHC1K332HJ | 2.60 | 0.25 | 200 |
| | | 25 | 40 | EETHC1K332JJ | 2.60 | 0.25 | 200 |
| | | 30 | 30 | EETHC1K332KJ | 2.60 | 0.25 | 100 |
| | | 35 | 25 | EETHC1K332LJ | 2.60 | 0.25 | 100 |
| | 3900 | 25 | 45 | EETHC1K392JJ | 3.00 | 0.25 | 200 |
| | | 30 | 35 | EETHC1K392KJ | 3.00 | 0.25 | 100 |
| | 4700 | 25 | 50 | EETHC1K472JJ | 3.30 | 0.25 | 200 |
| | | 30 | 40 | EETHC1K472KJ | 3.30 | 0.25 | 100 |
| | | 35 | 30 | EETHC1K472LJ | 3.30 | 0.25 | 100 |
| | 5600 | 30 | 45 | EETHC1K562KJ | 3.70 | 0.25 | 100 |
| | | 35 | 35 | EETHC1K562LJ | 3.70 | 0.25 | 100 |
| 6800 | 30 | 50 | EETHC1K682KJ | 3.90 | 0.25 | 100 | |
| | 35 | 40 | EETHC1K682LJ | 3.90 | 0.25 | 100 | |
| * | 8200 | 35 | 45 | EETHC1K822LJ | 4.30 | 0.25 | 100 |
| 100 | 820 | 22 | 25 | EETHC2A821HJ | 1.40 | 0.25 | 200 |
| | 1000 | 22 | 30 | EETHC2A102HJ | 1.70 | 0.25 | 200 |
| | 1200 | 22 | 30 | EETHC2A122HJ | 1.80 | 0.25 | 200 |
| | | 25 | 25 | EETHC2A122JJ | 1.80 | 0.25 | 200 |
| | 1500 | 22 | 35 | EETHC2A152HJ | 2.10 | 0.25 | 200 |
| | | 25 | 30 | EETHC2A152JJ | 2.10 | 0.25 | 200 |
| | 1800 | 22 | 40 | EETHC2A182HJ | 2.30 | 0.25 | 200 |
| | | 25 | 35 | EETHC2A182JJ | 2.30 | 0.25 | 200 |
| | | 30 | 25 | EETHC2A182KJ | 2.30 | 0.25 | 100 |
| | 2200 | 25 | 40 | EETHC2A222JJ | 2.60 | 0.25 | 200 |
| | | 30 | 30 | EETHC2A222KJ | 2.60 | 0.25 | 100 |
| | | 35 | 25 | EETHC2A222LJ | 2.60 | 0.25 | 100 |
| | 2700 | 25 | 45 | EETHC2A272JJ | 2.90 | 0.25 | 200 |
| | | 30 | 35 | EETHC2A272KJ | 2.90 | 0.25 | 100 |
| | 3300 | 25 | 50 | EETHC2A332JJ | 3.20 | 0.25 | 200 |
| | | 30 | 40 | EETHC2A332KJ | 3.20 | 0.25 | 100 |
| | | 35 | 30 | EETHC2A332LJ | 3.20 | 0.25 | 100 |
| | 3900 | 30 | 45 | EETHC2A392KJ | 3.60 | 0.25 | 100 |
| | | 35 | 35 | EETHC2A392LJ | 3.60 | 0.25 | 100 |
| | 4700 | 30 | 50 | EETHC2A472KJ | 3.80 | 0.25 | 100 |
| 35 | | 40 | EETHC2A472LJ | 3.80 | 0.25 | 100 | |
| * | 5600 | 35 | 45 | EETHC2A562LJ | 4.10 | 0.25 | 100 |

*When capacitors of $\phi 35 \times 45L$ and $\phi 35 \times 50L$ are mounted on PWB, reinforce them with mounting clamp or adhesives.
(Avoid using adhesives including halogenated compositions.)

■ Standard Products

Discontinued

Endurance : 105 °C 2000 h

| W.V. (V. DC) | Cap. (120 Hz) (±20 %) (μF) | Case size | | Part No. PET sleeve Terminal Length 4.0 mm (Without Top Plate) | Specification | | Min. Packaging Q'ty (pcs) |
|-----------------|-------------------------------------|--------------|----------------|--|--|---------------------------------------|----------------------------------|
| | | Dia. (mm) | Length (mm) | | Ripple Current (120 Hz) (+105 °C) (A r.m.s.) | tan δ (120 Hz) (+20 °C) max. | |
| 160 | 470 | 22 | 25 | EETHC2C471HJ | 1.40 | 0.15 | 200 |
| | 560 | 22 | 30 | EETHC2C561HJ | 1.50 | 0.15 | 200 |
| | 680 | 22 | 30 | EETHC2C681HJ | 1.70 | 0.15 | 200 |
| | | 25 | 25 | EETHC2C681JJ | 1.70 | 0.15 | 200 |
| | 820 | 22 | 35 | EETHC2C821HJ | 2.00 | 0.15 | 200 |
| | | 25 | 30 | EETHC2C821JJ | 2.00 | 0.15 | 200 |
| | 1000 | 22 | 40 | EETHC2C102HJ | 2.20 | 0.15 | 200 |
| | | 25 | 35 | EETHC2C102JJ | 2.20 | 0.15 | 200 |
| | | 30 | 25 | EETHC2C102KJ | 2.20 | 0.15 | 100 |
| | 1200 | 22 | 45 | EETHC2C122HJ | 2.30 | 0.15 | 200 |
| | | 25 | 40 | EETHC2C122JJ | 2.30 | 0.15 | 200 |
| | | 30 | 30 | EETHC2C122KJ | 2.30 | 0.15 | 100 |
| | | 35 | 25 | EETHC2C122LJ | 2.30 | 0.15 | 100 |
| | 1500 | 25 | 45 | EETHC2C152JJ | 2.50 | 0.15 | 200 |
| | | 30 | 35 | EETHC2C152KJ | 2.50 | 0.15 | 100 |
| | | 35 | 30 | EETHC2C152LJ | 2.50 | 0.15 | 100 |
| | 1800 | 25 | 50 | EETHC2C182JJ | 2.70 | 0.15 | 200 |
| | | 30 | 40 | EETHC2C182KJ | 2.70 | 0.15 | 100 |
| | | 35 | 30 | EETHC2C182LJ | 2.70 | 0.15 | 100 |
| | 2200 | 30 | 45 | EETHC2C222KJ | 2.90 | 0.15 | 100 |
| 35 | | 35 | EETHC2C222LJ | 2.90 | 0.15 | 100 | |
| 2700 | 30 | 50 | EETHC2C272KJ | 3.10 | 0.15 | 100 | |
| | 35 | 40 | EETHC2C272LJ | 3.10 | 0.15 | 100 | |
| * | 3300 | 35 | 50 | EETHC2C332LJ | 3.30 | 0.15 | 100 |
| 180 | 470 | 22 | 25 | EETHC2P471HC | 1.45 | 0.15 | 200 |
| | 560 | 22 | 30 | EETHC2P561HJ | 1.50 | 0.15 | 200 |
| | | 25 | 25 | EETHC2P561JJ | 1.50 | 0.15 | 200 |
| | 680 | 22 | 35 | EETHC2P681HJ | 1.70 | 0.15 | 200 |
| | | 25 | 30 | EETHC2P681JJ | 1.70 | 0.15 | 200 |
| | 820 | 22 | 40 | EETHC2P821HJ | 2.00 | 0.15 | 200 |
| | | 25 | 30 | EETHC2P821JJ | 2.00 | 0.15 | 200 |
| | | 30 | 25 | EETHC2P821KJ | 2.00 | 0.15 | 100 |
| | 1000 | 22 | 45 | EETHC2P102HJ | 2.20 | 0.15 | 200 |
| | | 25 | 40 | EETHC2P102JJ | 2.20 | 0.15 | 200 |
| | | 30 | 30 | EETHC2P102KJ | 2.20 | 0.15 | 100 |
| | | 35 | 25 | EETHC2P102LJ | 2.20 | 0.15 | 100 |
| | 1200 | 25 | 45 | EETHC2P122JJ | 2.30 | 0.15 | 200 |
| | | 30 | 30 | EETHC2P122KC | 2.30 | 0.15 | 100 |
| | | 30 | 35 | EETHC2P122KJ | 2.30 | 0.15 | 100 |
| | 1500 | 25 | 50 | EETHC2P152JJ | 2.50 | 0.15 | 200 |
| | | 30 | 40 | EETHC2P152KJ | 2.50 | 0.15 | 100 |
| | | 35 | 30 | EETHC2P152LJ | 2.50 | 0.15 | 100 |
| | 1800 | 30 | 45 | EETHC2P182KJ | 2.70 | 0.15 | 100 |
| | | 35 | 35 | EETHC2P182LJ | 2.70 | 0.15 | 100 |
| 2200 | 30 | 50 | EETHC2P222KJ | 2.90 | 0.15 | 100 | |
| | 35 | 40 | EETHC2P222LJ | 2.90 | 0.15 | 100 | |
| * | 2700 | 35 | 50 | EETHC2P272LJ | 3.10 | 0.15 | 100 |

*When capacitors of $\phi 35 \times 45L$ and $\phi 35 \times 50L$ are mounted on PWB, reinforce them with mounting clamp or adhesives.
(Avoid using adhesives including halogenated compositions.)

■ Standard Products

Discontinued

Endurance : 105 °C 2000 h

| W.V. (V. DC) | Cap. (120 Hz) (±20 %) (μF) | Case size | | Part No. PET sleeve Terminal Length 4.0 mm (Without Top Plate) | Specification | | Min. Packaging Q'ty (pcs) |
|-----------------|-------------------------------------|--------------|----------------|--|--|---------------------------------------|----------------------------------|
| | | Dia. (mm) | Length (mm) | | Ripple Current (120 Hz) (+105 °C) (A r.m.s.) | tan δ (120 Hz) (+20 °C) max. | |
| 200 | 390 | 22 | 25 | EETHC2D391HJ | 1.31 | 0.15 | 200 |
| | 470 | 22 | 30 | EETHC2D471HJ | 1.45 | 0.15 | 200 |
| | | 25 | 25 | EETHC2D471JC | 1.45 | 0.15 | 200 |
| | 680 | 22 | 40 | EETHC2D681HJ | 1.75 | 0.15 | 200 |
| | | 25 | 30 | EETHC2D681JJ | 1.75 | 0.15 | 200 |
| | 820 | 22 | 45 | EETHC2D821HJ | 2.04 | 0.15 | 200 |
| | | 25 | 35 | EETHC2D821JJ | 2.04 | 0.15 | 200 |
| | 1000 | 22 | 50 | EETHC2D102HJ | 2.30 | 0.15 | 200 |
| | | 25 | 40 | EETHC2D102JC | 2.30 | 0.15 | 200 |
| | | 25 | 45 | EETHC2D102JJ | 2.30 | 0.15 | 200 |
| | | 30 | 30 | EETHC2D102KJ | 2.30 | 0.15 | 100 |
| | | 35 | 25 | EETHC2D102LJ | 2.30 | 0.15 | 100 |
| | 1200 | 25 | 45 | EETHC2D122JC | 2.65 | 0.15 | 200 |
| | | 25 | 50 | EETHC2D122JJ | 2.65 | 0.15 | 200 |
| | | 30 | 35 | EETHC2D122KJ | 2.65 | 0.15 | 100 |
| | | 35 | 30 | EETHC2D122LJ | 2.65 | 0.15 | 100 |
| | 1500 | 30 | 40 | EETHC2D152KJ | 2.80 | 0.15 | 100 |
| | 1800 | 35 | 40 | EETHC2D182LJ | 3.08 | 0.15 | 100 |
| * | 2200 | 35 | 45 | EETHC2D222LJ | 3.48 | 0.15 | 100 |
| 220 | 270 | 22 | 25 | EETHC2Q271HJ | 1.10 | 0.15 | 200 |
| | 330 | 22 | 25 | EETHC2Q331HJ | 1.26 | 0.15 | 200 |
| | 390 | 22 | 30 | EETHC2Q391HJ | 1.34 | 0.15 | 200 |
| | 470 | 22 | 35 | EETHC2Q471HJ | 1.48 | 0.15 | 200 |
| | | 25 | 30 | EETHC2Q471JJ | 1.48 | 0.15 | 200 |
| | 560 | 22 | 35 | EETHC2Q561HC | 1.67 | 0.15 | 200 |
| | | 22 | 40 | EETHC2Q561HJ | 1.67 | 0.15 | 200 |
| | | 25 | 30 | EETHC2Q561JJ | 1.67 | 0.15 | 200 |
| | 680 | 22 | 45 | EETHC2Q681HC | 1.78 | 0.15 | 200 |
| | | 25 | 35 | EETHC2Q681JJ | 1.78 | 0.15 | 200 |
| | | 35 | 25 | EETHC2Q681LJ | 1.78 | 0.15 | 100 |
| | 820 | 22 | 50 | EETHC2Q821HC | 2.04 | 0.15 | 200 |
| | | 25 | 40 | EETHC2Q821JJ | 2.04 | 0.15 | 200 |
| | | 30 | 30 | EETHC2Q821KJ | 2.04 | 0.15 | 100 |
| | | 35 | 25 | EETHC2Q821LJ | 2.04 | 0.15 | 100 |
| | 1000 | 25 | 45 | EETHC2Q102JC | 2.33 | 0.15 | 200 |
| | | 25 | 50 | EETHC2Q102JJ | 2.33 | 0.15 | 200 |
| | | 30 | 35 | EETHC2Q102KJ | 2.33 | 0.15 | 100 |
| | | 35 | 30 | EETHC2Q102LJ | 2.33 | 0.15 | 100 |
| | 1200 | 30 | 40 | EETHC2Q122KJ | 2.65 | 0.15 | 100 |
| | | 35 | 35 | EETHC2Q122LJ | 2.65 | 0.15 | 100 |
| | 1500 | 30 | 45 | EETHC2Q152KC | 2.80 | 0.15 | 100 |
| 30 | | 50 | EETHC2Q152KJ | 2.80 | 0.15 | 100 | |
| 35 | | 40 | EETHC2Q152LJ | 2.80 | 0.15 | 100 | |
| * | 1800 | 35 | 45 | EETHC2Q182LJ | 3.11 | 0.15 | 100 |
| * | 2200 | 35 | 50 | EETHC2Q222LC | 3.50 | 0.15 | 100 |

*When capacitors of $\phi 35 \times 45L$ and $\phi 35 \times 50L$ are mounted on PWB, reinforce them with mounting clamp or adhesives. (Avoid using adhesives including halogenated compositions.)

Standard Products

Discontinued

Endurance : 105 °C 2000 h

| W.V. (V. DC) | Cap. (120 Hz) (±20 %) (μF) | Case size | | Part No. PET sleeve Terminal Length 4.0 mm (Without Top Plate) | Specification | | Min. Packaging Q'ty (pcs) |
|-----------------|-------------------------------------|--------------|----------------|--|--|---------------------------------------|----------------------------------|
| | | Dia. (mm) | Length (mm) | | Ripple Current (120 Hz) (+105 °C) (A r.m.s.) | tan δ (120 Hz) (+20 °C) max. | |
| 250 | 270 | 22 | 25 | EETHC2E271HJ | 1.10 | 0.15 | 200 |
| | 330 | 22 | 30 | EETHC2E331HJ | 1.20 | 0.15 | 200 |
| | | 25 | 25 | EETHC2E331JJ | 1.20 | 0.15 | 200 |
| | 390 | 22 | 30 | EETHC2E391HC | 1.30 | 0.15 | 200 |
| | | 22 | 35 | EETHC2E391HJ | 1.30 | 0.15 | 200 |
| | | 25 | 25 | EETHC2E391JJ | 1.30 | 0.15 | 200 |
| | 470 | 22 | 35 | EETHC2E471HC | 1.40 | 0.15 | 200 |
| | | 22 | 40 | EETHC2E471HJ | 1.40 | 0.15 | 200 |
| | | 25 | 30 | EETHC2E471JJ | 1.40 | 0.15 | 200 |
| | | 30 | 25 | EETHC2E471KJ | 1.40 | 0.15 | 100 |
| | 560 | 22 | 40 | EETHC2E561HC | 1.50 | 0.15 | 200 |
| | | 22 | 45 | EETHC2E561HJ | 1.50 | 0.15 | 200 |
| | | 25 | 35 | EETHC2E561JJ | 1.50 | 0.15 | 200 |
| | | 30 | 25 | EETHC2E561KJ | 1.50 | 0.15 | 100 |
| | 680 | 22 | 45 | EETHC2E681HC | 1.70 | 0.15 | 200 |
| | | 22 | 50 | EETHC2E681HJ | 1.70 | 0.15 | 200 |
| | | 25 | 40 | EETHC2E681JJ | 1.70 | 0.15 | 200 |
| | | 30 | 30 | EETHC2E681KJ | 1.70 | 0.15 | 100 |
| | | 35 | 25 | EETHC2E681LJ | 1.70 | 0.15 | 100 |
| | 820 | 25 | 45 | EETHC2E821JJ | 2.00 | 0.15 | 200 |
| 30 | | 35 | EETHC2E821KJ | 2.00 | 0.15 | 100 | |
| 35 | | 30 | EETHC2E821LJ | 2.00 | 0.15 | 100 | |
| 1000 | 25 | 50 | EETHC2E102JC | 2.20 | 0.15 | 200 | |
| | 30 | 40 | EETHC2E102KJ | 2.20 | 0.15 | 100 | |
| | 35 | 30 | EETHC2E102LJ | 2.20 | 0.15 | 100 | |
| 1200 | 30 | 45 | EETHC2E122KJ | 2.30 | 0.15 | 100 | |
| | 35 | 35 | EETHC2E122LJ | 2.30 | 0.15 | 100 | |
| * | 1500 | 35 | 45 | EETHC2E152LJ | 2.50 | 0.15 | 100 |
| * | 1800 | 35 | 50 | EETHC2E182LJ | 2.70 | 0.15 | 100 |
| 315 | 150 | 22 | 25 | EETHC2F151HJ | 0.82 | 0.15 | 200 |
| | 180 | 22 | 30 | EETHC2F181HJ | 0.90 | 0.15 | 200 |
| | 220 | 22 | 30 | EETHC2F221HJ | 1.00 | 0.15 | 200 |
| | 270 | 22 | 40 | EETHC2F271HC | 1.10 | 0.15 | 200 |
| | | 25 | 30 | EETHC2F271JJ | 1.10 | 0.15 | 200 |
| | 330 | 22 | 45 | EETHC2F331HJ | 1.20 | 0.15 | 200 |
| | | 25 | 35 | EETHC2F331JJ | 1.20 | 0.15 | 200 |
| | | 30 | 25 | EETHC2F331KJ | 1.20 | 0.15 | 100 |
| | 390 | 22 | 50 | EETHC2F391HC | 1.30 | 0.15 | 200 |
| | | 25 | 40 | EETHC2F391JJ | 1.30 | 0.15 | 200 |
| | | 30 | 30 | EETHC2F391KJ | 1.30 | 0.15 | 100 |
| | | 35 | 25 | EETHC2F391LJ | 1.30 | 0.15 | 100 |
| | 470 | 25 | 45 | EETHC2F471JJ | 1.40 | 0.15 | 200 |
| | | 30 | 35 | EETHC2F471KJ | 1.40 | 0.15 | 100 |
| | 560 | 25 | 50 | EETHC2F561JJ | 1.50 | 0.15 | 200 |
| | | 30 | 40 | EETHC2F561KJ | 1.50 | 0.15 | 100 |
| | | 35 | 30 | EETHC2F561LJ | 1.50 | 0.15 | 100 |
| 680 | 30 | 45 | EETHC2F681KJ | 1.70 | 0.15 | 100 | |
| | 35 | 35 | EETHC2F681LJ | 1.70 | 0.15 | 100 | |
| 820 | 30 | 50 | EETHC2F821KJ | 2.00 | 0.15 | 100 | |
| | 35 | 40 | EETHC2F821LJ | 2.00 | 0.15 | 100 | |
| * | 1000 | 35 | 45 | EETHC2F102LJ | 2.30 | 0.15 | 100 |

*When capacitors of $\phi 35 \times 45L$ and $\phi 35 \times 50L$ are mounted on PWB, reinforce them with mounting clamp or adhesives.
(Avoid using adhesives including halogenated compositions.)

■ Standard Products **Discontinued**

Endurance : 105 °C 2000 h

| W.V. (V. DC) | Cap. (120 Hz) (±20 %) (μF) | Case size | | Part No. PET sleeve Terminal Length 4.0 mm (Without Top Plate) | Specification | | Min. Packaging Q'ty (pcs) |
|-----------------|-------------------------------------|--------------|----------------|--|---|---------------------------------------|----------------------------------|
| | | Dia. (mm) | Length (mm) | | Ripple Current (120 Hz) (+105 °C) (A r.m.s.) | tan δ (120 Hz) (+20 °C) max. | |
| 350 | 120 | 22 | 25 | EETHC2V121HJ | 0.75 | 0.15 | 200 |
| | 150 | 22 | 30 | EETHC2V151HJ | 0.82 | 0.15 | 200 |
| | 180 | 22 | 30 | EETHC2V181HJ | 0.90 | 0.15 | 200 |
| | | 25 | 25 | EETHC2V181JJ | 0.90 | 0.15 | 200 |
| | 220 | 22 | 35 | EETHC2V221HJ | 1.00 | 0.15 | 200 |
| | | 25 | 30 | EETHC2V221JJ | 1.00 | 0.15 | 200 |
| | 270 | 22 | 40 | EETHC2V271HC | 1.10 | 0.15 | 200 |
| | | 25 | 35 | EETHC2V271JJ | 1.10 | 0.15 | 200 |
| | | 30 | 25 | EETHC2V271KJ | 1.10 | 0.15 | 100 |
| | 330 | 22 | 45 | EETHC2V331HC | 1.20 | 0.15 | 200 |
| | | 25 | 40 | EETHC2V331JJ | 1.20 | 0.15 | 200 |
| | | 30 | 30 | EETHC2V331KJ | 1.20 | 0.15 | 100 |
| | 390 | 25 | 45 | EETHC2V391JJ | 1.30 | 0.15 | 200 |
| | | 30 | 30 | EETHC2V391KC | 1.30 | 0.15 | 100 |
| | | 30 | 35 | EETHC2V391KJ | 1.30 | 0.15 | 100 |
| | 470 | 25 | 50 | EETHC2V471JJ | 1.40 | 0.15 | 200 |
| | | 30 | 35 | EETHC2V471KC | 1.40 | 0.15 | 100 |
| | | 35 | 30 | EETHC2V471LJ | 1.40 | 0.15 | 100 |
| | 560 | 30 | 40 | EETHC2V561KC | 1.50 | 0.15 | 100 |
| | | 30 | 45 | EETHC2V561KJ | 1.50 | 0.15 | 100 |
| | | 35 | 35 | EETHC2V561LJ | 1.50 | 0.15 | 100 |
| | 680 | 30 | 45 | EETHC2V681KC | 1.70 | 0.15 | 100 |
| | | 30 | 50 | EETHC2V681KJ | 1.70 | 0.15 | 100 |
| | | 35 | 40 | EETHC2V681LJ | 1.70 | 0.15 | 100 |
| * | 820 | 35 | 45 | EETHC2V821LJ | 1.90 | 0.15 | 100 |
| * | 1000 | 35 | 50 | EETHC2V102LC | 1.90 | 0.15 | 100 |

*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

Discontinued

Endurance : 105 °C 2000 h

| W.V. (V. DC) | Cap. (120 Hz) (±20 %) (μF) | Case size | | Part No. PET sleeve Terminal Length 4.0 mm (Without Top Plate) | Specification | | Min. Packaging Q'ty (pcs) |
|-----------------|-------------------------------------|--------------|----------------|--|---|---------------------------------------|----------------------------------|
| | | Dia. (mm) | Length (mm) | | Ripple Current (120 Hz) (+105 °C) (A r.m.s.) | tan δ (120 Hz) (+20 °C) max. | |
| 400 | 100 | 22 | 25 | EETHC2G101HJ | 0.70 | 0.15 | 200 |
| | 120 | 22 | 30 | EETHC2G121HJ | 0.75 | 0.15 | 200 |
| | 150 | 22 | 30 | EETHC2G151HJ | 0.88 | 0.15 | 200 |
| | | 25 | 25 | EETHC2G151JC | 0.88 | 0.15 | 200 |
| | 180 | 22 | 35 | EETHC2G181HJ | 0.95 | 0.15 | 200 |
| | | 25 | 30 | EETHC2G181JJ | 0.95 | 0.15 | 200 |
| | 220 | 22 | 40 | EETHC2G221HC | 1.10 | 0.15 | 200 |
| | | 22 | 45 | EETHC2G221HJ | 1.10 | 0.15 | 200 |
| | | 25 | 35 | EETHC2G221JJ | 1.10 | 0.15 | 200 |
| | | 30 | 25 | EETHC2G221KJ | 1.10 | 0.15 | 100 |
| | 270 | 22 | 45 | EETHC2G271HC | 1.22 | 0.15 | 200 |
| | | 22 | 50 | EETHC2G271HJ | 1.22 | 0.15 | 200 |
| | | 25 | 40 | EETHC2G271JJ | 1.22 | 0.15 | 200 |
| | | 30 | 30 | EETHC2G271KJ | 1.22 | 0.15 | 100 |
| | | 35 | 25 | EETHC2G271LJ | 1.22 | 0.15 | 100 |
| | 330 | 25 | 45 | EETHC2G331JJ | 1.44 | 0.15 | 200 |
| | | 30 | 30 | EETHC2G331KC | 1.44 | 0.15 | 100 |
| | | 30 | 35 | EETHC2G331KJ | 1.44 | 0.15 | 100 |
| | | 35 | 30 | EETHC2G331LJ | 1.44 | 0.15 | 100 |
| | 390 | 25 | 50 | EETHC2G391JJ | 1.55 | 0.15 | 200 |
| | | 30 | 35 | EETHC2G391KC | 1.55 | 0.15 | 100 |
| | | 30 | 40 | EETHC2G391KJ | 1.55 | 0.15 | 100 |
| | | 35 | 30 | EETHC2G391LJ | 1.55 | 0.15 | 100 |
| | 470 | 30 | 45 | EETHC2G471KJ | 1.68 | 0.15 | 100 |
| | | 35 | 35 | EETHC2G471LJ | 1.68 | 0.15 | 100 |
| | 560 | 30 | 45 | EETHC2G561KC | 1.90 | 0.15 | 100 |
| | | 30 | 50 | EETHC2G561KJ | 1.90 | 0.15 | 100 |
| | | 35 | 40 | EETHC2G561LJ | 1.90 | 0.15 | 100 |
| * | 680 | 35 | 45 | EETHC2G681LJ | 2.12 | 0.15 | 100 |
| * | 820 | 35 | 50 | EETHC2G821LJ | 2.30 | 0.15 | 100 |

*When capacitors of $\phi 35 \times 45L$ and $\phi 35 \times 50L$ are mounted on PWB, reinforce them with mounting clamp or adhesives.
(Avoid using adhesives including halogenated compositions.)

■ Standard Products

Discontinued

Endurance : 105 °C 2000 h

| W.V. (V. DC) | Cap. (120 Hz) (±20 %) (μF) | Case size | | Part No. PET sleeve Terminal Length 4.0 mm (Without Top Plate) | Specification | | Min. Packaging Q'ty (pcs) |
|-----------------|-------------------------------------|--------------|----------------|--|--|---------------------------------------|----------------------------------|
| | | Dia. (mm) | Length (mm) | | Ripple Current (120 Hz) (+105 °C) (A r.m.s.) | tan δ (120 Hz) (+20 °C) max. | |
| 420 | 100 | 22 | 25 | EETHC2S101HJ | 0.70 | 0.15 | 200 |
| | 120 | 22 | 30 | EETHC2S121HJ | 0.74 | 0.15 | 200 |
| | | 25 | 25 | EETHC2S121JJ | 0.74 | 0.15 | 200 |
| | 150 | 22 | 35 | EETHC2S151HJ | 0.84 | 0.15 | 200 |
| | | 25 | 30 | EETHC2S151JJ | 0.84 | 0.15 | 200 |
| | 180 | 22 | 40 | EETHC2S181HJ | 0.91 | 0.15 | 200 |
| | | 25 | 30 | EETHC2S181JJ | 0.91 | 0.15 | 200 |
| | | 30 | 25 | EETHC2S181KJ | 0.91 | 0.15 | 100 |
| | 220 | 22 | 45 | EETHC2S221HJ | 1.05 | 0.15 | 200 |
| | | 25 | 35 | EETHC2S221JJ | 1.05 | 0.15 | 200 |
| | | 30 | 25 | EETHC2S221KJ | 1.05 | 0.15 | 100 |
| | 270 | 22 | 50 | EETHC2S271HJ | 1.20 | 0.15 | 200 |
| | | 25 | 40 | EETHC2S271JJ | 1.20 | 0.15 | 200 |
| | | 30 | 30 | EETHC2S271KJ | 1.20 | 0.15 | 100 |
| | | 35 | 25 | EETHC2S271LJ | 1.20 | 0.15 | 100 |
| | 330 | 25 | 45 | EETHC2S331JC | 1.42 | 0.15 | 200 |
| | | 25 | 50 | EETHC2S331JJ | 1.42 | 0.15 | 200 |
| | | 30 | 35 | EETHC2S331KJ | 1.42 | 0.15 | 100 |
| | | 35 | 35 | EETHC2S331LJ | 1.42 | 0.15 | 100 |
| | 390 | 30 | 40 | EETHC2S391KJ | 1.55 | 0.15 | 100 |
| | | 35 | 30 | EETHC2S391LC | 1.55 | 0.15 | 100 |
| | | 35 | 35 | EETHC2S391LJ | 1.55 | 0.15 | 100 |
| | 470 | 30 | 45 | EETHC2S471KJ | 1.71 | 0.15 | 100 |
| | | 35 | 35 | EETHC2S471LJ | 1.71 | 0.15 | 100 |
| 560 | 30 | 50 | EETHC2S561KJ | 1.90 | 0.15 | 100 | |
| | 35 | 40 | EETHC2S561LC | 1.90 | 0.15 | 100 | |
| | 35 | 45 | EETHC2S561LJ | 1.90 | 0.15 | 100 | |
| * | 680 | 35 | 45 | EETHC2S681LC | 2.10 | 0.15 | 100 |
| * | | 35 | 50 | EETHC2S681LJ | 2.10 | 0.15 | 100 |
| * | | | | | | | |

*When capacitors of $\phi 35 \times 45L$ and $\phi 35 \times 50L$ are mounted on PWB, reinforce them with mounting clamp or adhesives.
(Avoid using adhesives including halogenated compositions.)

■ Standard Products

Discontinued

Endurance : 105 °C 2000 h

| W.V. (V. DC) | Cap. (120 Hz) (±20 %) (μF) | Case size | | Part No. PET sleeve Terminal Length 4.0 mm (Without Top Plate) | Specification | | Min. Packaging Q'ty (pcs) |
|-----------------|-------------------------------------|--------------|----------------|--|---|---------------------------------------|----------------------------------|
| | | Dia. (mm) | Length (mm) | | Ripple Current (120 Hz) (+105 °C) (A r.m.s.) | tan δ (120 Hz) (+20 °C) max. | |
| 450 | 100 | 22 | 30 | EETHC2W101HJ | 0.64 | 0.20 | 200 |
| | | 25 | 25 | EETHC2W101JJ | 0.64 | 0.20 | 200 |
| | 120 | 22 | 35 | EETHC2W121HJ | 0.72 | 0.20 | 200 |
| | | 25 | 30 | EETHC2W121JJ | 0.72 | 0.20 | 200 |
| | 150 | 22 | 35 | EETHC2W151HC | 0.79 | 0.20 | 200 |
| | | 22 | 40 | EETHC2W151HJ | 0.79 | 0.20 | 200 |
| | | 25 | 30 | EETHC2W151JJ | 0.79 | 0.20 | 200 |
| | 180 | 30 | 25 | EETHC2W151KJ | 0.79 | 0.20 | 100 |
| | | 22 | 45 | EETHC2W181HJ | 0.87 | 0.20 | 200 |
| | | 25 | 35 | EETHC2W181JC | 0.87 | 0.20 | 200 |
| | | 25 | 40 | EETHC2W181JJ | 0.87 | 0.20 | 200 |
| | | 30 | 25 | EETHC2W181KC | 0.87 | 0.20 | 100 |
| | 220 | 30 | 30 | EETHC2W181KJ | 0.87 | 0.20 | 100 |
| | | 22 | 50 | EETHC2W221HJ | 1.00 | 0.20 | 200 |
| | | 25 | 40 | EETHC2W221JC | 1.00 | 0.20 | 200 |
| | | 25 | 45 | EETHC2W221JJ | 1.00 | 0.20 | 200 |
| | | 30 | 30 | EETHC2W221KJ | 1.00 | 0.20 | 100 |
| | 270 | 35 | 25 | EETHC2W221LJ | 1.00 | 0.20 | 100 |
| | | 25 | 45 | EETHC2W271JC | 1.19 | 0.20 | 200 |
| | | 25 | 50 | EETHC2W271JJ | 1.19 | 0.20 | 200 |
| | | 30 | 35 | EETHC2W271KC | 1.19 | 0.20 | 100 |
| | | 30 | 40 | EETHC2W271KJ | 1.19 | 0.20 | 100 |
| | 330 | 35 | 30 | EETHC2W271LJ | 1.19 | 0.20 | 100 |
| | | 25 | 50 | EETHC2W331JC | 1.38 | 0.20 | 200 |
| | | 30 | 40 | EETHC2W331KC | 1.38 | 0.20 | 100 |
| | | 30 | 45 | EETHC2W331KJ | 1.38 | 0.20 | 100 |
| | | 35 | 30 | EETHC2W331LC | 1.38 | 0.20 | 100 |
| | 390 | 35 | 35 | EETHC2W331LJ | 1.38 | 0.20 | 100 |
| | | 30 | 45 | EETHC2W391KC | 1.55 | 0.20 | 100 |
| | | 30 | 50 | EETHC2W391KJ | 1.55 | 0.20 | 100 |
| 35 | | 35 | EETHC2W391LC | 1.55 | 0.20 | 100 | |
| 470 | 35 | 40 | EETHC2W391LJ | 1.55 | 0.20 | 100 | |
| | 30 | 50 | EETHC2W471KC | 1.74 | 0.20 | 100 | |
| | 35 | 40 | EETHC2W471LC | 1.74 | 0.20 | 100 | |
| * | 560 | 35 | 45 | EETHC2W471LJ | 1.74 | 0.20 | 100 |
| * | | 35 | 50 | EETHC2W561LJ | 1.90 | 0.20 | 100 |

*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 (L:20 mm)

Discontinued

Endurance : 105 °C 2000 h

| W.V. (V. DC) | Cap. (120 Hz) (±20 %) (μF) | Case size | | Part No. PET sleeve Terminal Length 4.0 mm (Without Top Plate) | Specification | | Min. Packaging Q'ty (pcs) |
|-----------------|-------------------------------------|--------------|------------------------|--|--|---------------------------------------|----------------------------------|
| | | Dia. (mm) | Length max. (mm) | | Ripple Current (120 Hz) (+105 °C) (A r.m.s.) | tan δ (120 Hz) (+20 °C) max. | |
| 200 | 220 | 22 | 20 | EETHC2D221HJ | 0.85 | 0.15 | 200 |
| | 270 | 25 | 20 | EETHC2D271JJ | 0.95 | 0.15 | 200 |
| | 330 | 30 | 20 | EETHC2D331KJ | 1.10 | 0.15 | 100 |
| | 390 | 30 | 20 | EETHC2D391KJ | 1.20 | 0.15 | 100 |
| | 470 | 35 | 20 | EETHC2D471LJ | 1.41 | 0.15 | 100 |
| | 560 | 35 | 20 | EETHC2D561LJ | 1.48 | 0.15 | 100 |
| 250 | 150 | 22 | 20 | EETHC2E151HJ | 0.69 | 0.15 | 200 |
| | 180 | 25 | 20 | EETHC2E181JJ | 0.77 | 0.15 | 200 |
| | 220 | 30 | 20 | EETHC2E221KJ | 0.95 | 0.15 | 100 |
| | 270 | 30 | 20 | EETHC2E271KJ | 1.00 | 0.15 | 100 |
| | 330 | 35 | 20 | EETHC2E331LJ | 1.16 | 0.15 | 100 |
| | 390 | 35 | 20 | EETHC2E391LJ | 1.30 | 0.15 | 100 |
| 400 | 56 | 22 | 20 | EETHC2G560HJ | 0.40 | 0.15 | 200 |
| | 68 | 25 | 20 | EETHC2G680JJ | 0.49 | 0.15 | 200 |
| | 82 | 30 | 20 | EETHC2G820KJ | 0.55 | 0.15 | 100 |
| | 100 | 30 | 20 | EETHC2G101KJ | 0.60 | 0.15 | 100 |
| | 120 | 35 | 20 | EETHC2G121LJ | 0.75 | 0.15 | 100 |
| | 150 | 35 | 20 | EETHC2G151LJ | 0.80 | 0.15 | 100 |
| 450 | 39 | 22 | 20 | EETHC2W390HJ | 0.36 | 0.20 | 200 |
| | 47 | 25 | 20 | EETHC2W470JJ | 0.41 | 0.20 | 200 |
| | 56 | 25 | 20 | EETHC2W560JJ | 0.43 | 0.20 | 200 |
| | 68 | 30 | 20 | EETHC2W680KJ | 0.50 | 0.20 | 100 |
| | 82 | 30 | 20 | EETHC2W820KJ | 0.53 | 0.20 | 100 |
| | 100 | 35 | 20 | EETHC2W101LJ | 0.61 | 0.20 | 100 |