

Snap-in Type

Series: HC Type : TS

- Features Endurance: 105°C 2000 h
 30% smaller than series HB
 RoHS directive compliant
- Recommended Applications
 Smoothing circuits, AC adaptor

Country of Origin
Japan
Malaysia
U.S.A (**)

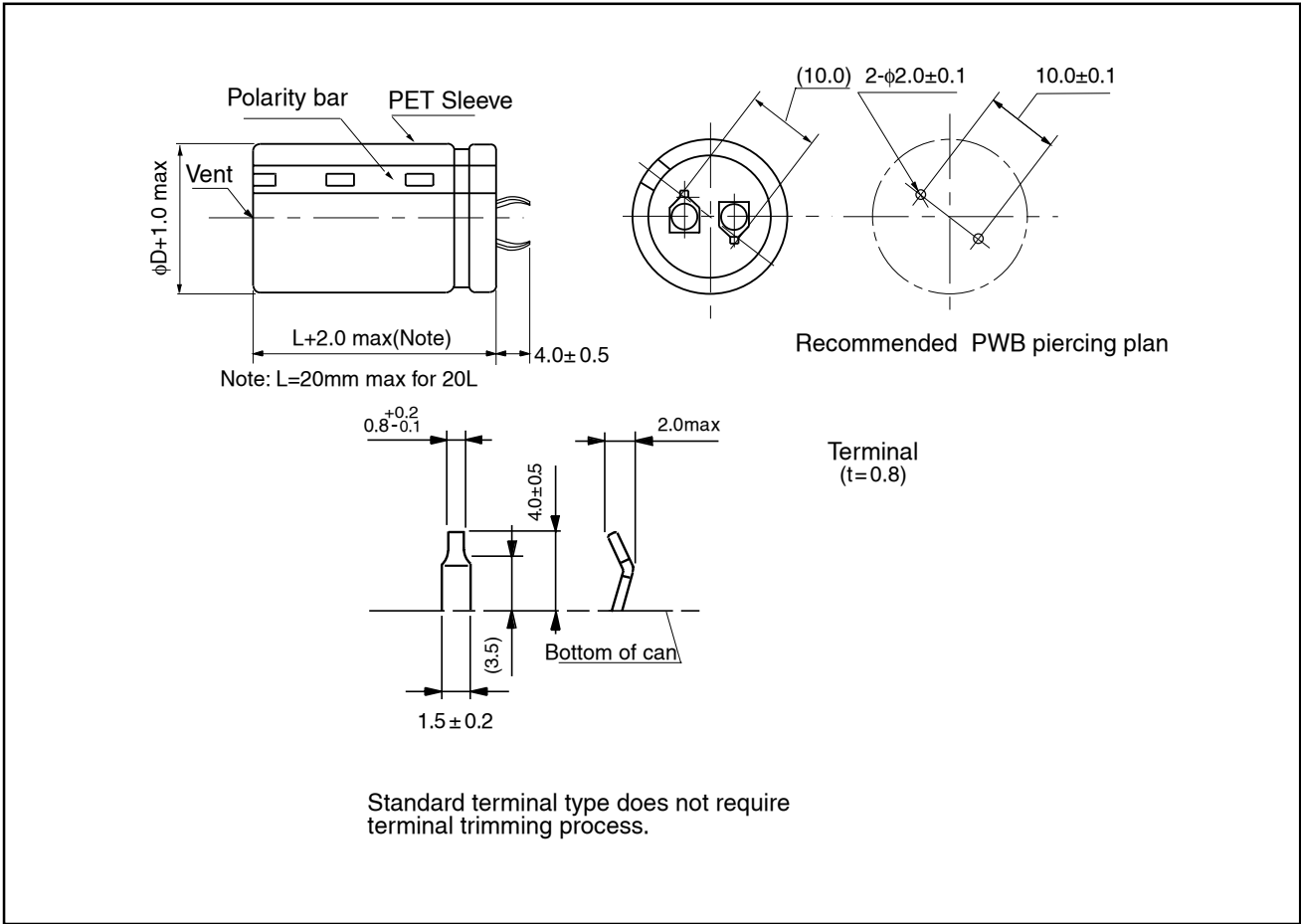
(**) Regarding USA product,
Please check PEDCA's
Catalog.



■ Specifications

Category temp. range	-40 to +105°C			-40 to + 105°C			-25 to + 105°C		
Rated W.V. Range	10 to 100V.DC			160 to 250 V .DC			315 to 450 V .DC		
Nominal Cap. Range	820 to 100000 μF			150 to 3300 μ F			39 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	
	10 to 100 V.DC	0.93	0.95	0.99	1.00	1.05	1.08	1.15	
	160 to 450 V.DC	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 +105°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 +105±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)



■ 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) (+105°C) (A)	tan δ (120Hz) (+20°C)		
10	12000	22	25	2.2	0.65	EETHC1A123HJ	200
	15000	22	30	2.3	0.65	EETHC1A153HJ	200
	18000	22	30	2.4	0.65	EETHC1A183HJ	200
		25	25	2.4	0.65	EETHC1A183JJ	200
	22000	22	35	2.6	0.65	EETHC1A223HJ	200
		25	30	2.6	0.65	EETHC1A223JJ	200
	27000	22	40	3.1	0.65	EETHC1A273HJ	200
		25	35	3.1	0.65	EETHC1A273JJ	200
		30	25	3.1	0.65	EETHC1A273KJ	200
	33000	22	45	3.4	0.65	EETHC1A333HJ	200
		25	40	3.4	0.65	EETHC1A333JJ	200
	39000	25	45	3.7	0.71	EETHC1A393JJ	200
		30	30	3.7	0.71	EETHC1A393KJ	200
		35	25	3.7	0.71	EETHC1A393LJ	200
	47000	25	50	4.2	0.79	EETHC1A473JJ	200
		30	35	4.2	0.79	EETHC1A473KJ	100
		35	30	4.2	0.79	EETHC1A473LJ	200
	56000	30	40	5.0	0.88	EETHC1A563KJ	100
		35	35	5.0	0.88	EETHC1A563LJ	100
	68000	30	45	5.4	1.00	EETHC1A683KJ	100
		35	40	5.4	1.00	EETHC1A683LJ	100
	82000	35	45	5.9	1.14	EETHC1A823LJ	100
	100000	35	50	6.5	1.32	EETHC1A104LJ	100
16	10000	22	25	2.6	0.55	EETHC1C103HJ	200
	12000	22	30	2.9	0.55	EETHC1C123HJ	200
		25	35	2.9	0.55	EETHC1C123JJ	200
	15000	22	35	3.2	0.55	EETHC1C153HJ	200
	18000	22	40	3.5	0.55	EETHC1C183HJ	200
		25	30	3.5	0.55	EETHC1C183JJ	200
	22000	22	45	3.8	0.55	EETHC1C223HJ	200
		25	35	3.8	0.55	EETHC1C223JJ	200
		30	25	3.8	0.55	EETHC1C223KJ	200
	27000	22	50	4.2	0.55	EETHC1C273HJ	200
		25	40	4.2	0.55	EETHC1C273JJ	200
		30	30	4.2	0.55	EETHC1C273KJ	200
		35	25	4.2	0.55	EETHC1C273LJ	200
	33000	25	45	4.7	0.55	EETHC1C333JJ	200
		30	35	4.7	0.55	EETHC1C333KJ	100
	39000	30	40	5.1	0.61	EETHC1C393KJ	100
		35	30	5.1	0.61	EETHC1C393LJ	200
	47000	30	45	5.5	0.69	EETHC1C473KJ	100
		35	35	5.5	0.69	EETHC1C473LJ	100

Endurance : 105°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)	MinPackagingQty (pcs)
		Dia. (mm)	Length (mm)	Ripple current (120Hz) (+105°C) (A)	tan δ (120Hz) (+20°C)		
16	56000	30	50	6.0	0.78	EETHC1C563KJ	100
		35	40	6.0	0.78	EETHC1C563LJ	100
	68000	35	45	6.4	0.90	EETHC1C683LJ	100
25	6800	22	25	2.4	0.40	EETHC1E682HJ	200
	8200	22	30	2.7	0.40	EETHC1E822HJ	200
		25	25	2.7	0.40	EETHC1E822JJ	200
	10000	22	35	3.0	0.40	EETHC1E103HJ	200
	12000	22	40	3.2	0.40	EETHC1E123HJ	200
		25	30	3.2	0.40	EETHC1E123JJ	200
		30	30	3.2	0.40	EETHC1E123KJ	200
	15000	22	45	3.6	0.40	EETHC1E153HJ	200
		25	35	3.6	0.40	EETHC1E153JJ	200
		30	25	3.6	0.40	EETHC1E153KJ	200
	18000	22	50	3.9	0.40	EETHC1E183HJ	200
		25	40	3.9	0.40	EETHC1E183JJ	200
		30	30	3.9	0.40	EETHC1E183KJ	200
		35	25	3.9	0.40	EETHC1E183LJ	200
	22000	25	45	4.3	0.40	EETHC1E223JJ	200
		30	35	4.3	0.40	EETHC1E223KJ	100
		35	30	4.3	0.40	EETHC1E223LJ	200
	27000	30	40	4.8	0.40	EETHC1E273KJ	100
		35	35	4.8	0.40	EETHC1E273LJ	100
	33000	30	45	5.5	0.40	EETHC1E333KJ	100
		35	40	5.5	0.40	EETHC1E333LJ	100
	39000	30	50	5.8	0.46	EETHC1E393KJ	100
		35	45	5.8	0.46	EETHC1E393LJ	100
	47000	35	50	6.3	0.54	EETHC1E473LJ	100
35	4700	22	25	2.2	0.35	EETHC1V472HJ	200
	5600	22	30	2.4	0.35	EETHC1V562HJ	200
		25	25	2.4	0.35	EETHC1V562JJ	200
	6800	22	35	2.6	0.35	EETHC1V682HJ	200
	8200	22	40	2.9	0.35	EETHC1V822HJ	200
		25	30	2.9	0.35	EETHC1V822JJ	200
	10000	22	45	3.2	0.35	EETHC1V103HJ	200
		25	35	3.2	0.35	EETHC1V103JJ	200
		30	25	3.2	0.35	EETHC1V103KJ	200
	12000	22	50	3.5	0.35	EETHC1V123HJ	200
		25	40	3.5	0.35	EETHC1V123JJ	200
		30	30	3.5	0.35	EETHC1V123KJ	200
		35	25	3.5	0.35	EETHC1V123LJ	200
	15000	25	45	3.9	0.35	EETHC1V153JJ	200
		30	35	3.9	0.35	EETHC1V153KJ	100
		35	30	3.9	0.35	EETHC1V153LJ	200

Endurance : 105°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. ($\pm 20\%$) (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) (+105°C) (A)	$\tan \delta$ (120Hz) (+20°C)		
35	18000	30	40	4.3	0.35	EETHC1V183KJ	100
		35	35	4.3	0.35	EETHC1V183LJ	100
	22000	30	45	5.0	0.35	EETHC1V223KJ	100
		35	40	5.0	0.35	EETHC1V223LJ	100
	27000	30	50	5.3	0.35	EETHC1V273KJ	100
		35	45	5.3	0.35	EETHC1V273LJ	100
	33000	35	50	5.9	0.35	EETHC1V333LJ	100
50	2700	22	25	1.8	0.35	EETHC1H272HJ	200
	3300	22	30	2.0	0.35	EETHC1H332HJ	200
	3900	22	35	2.2	0.35	EETHC1H392HJ	200
		25	25	2.2	0.35	EETHC1H392JJ	200
	4700	22	40	2.5	0.35	EETHC1H472HJ	200
		25	30	2.5	0.35	EETHC1H472JJ	200
	5600	22	45	2.8	0.35	EETHC1H562HJ	200
		25	35	2.8	0.35	EETHC1H562JJ	200
		30	25	2.8	0.35	EETHC1H562KJ	200
	6800	22	50	3.3	0.35	EETHC1H682HJ	200
		25	40	3.3	0.35	EETHC1H682JJ	200
		30	30	3.3	0.35	EETHC1H682KJ	200
		35	25	3.3	0.35	EETHC1H682LJ	200
	8200	25	45	3.6	0.35	EETHC1H822JJ	200
		30	35	3.6	0.35	EETHC1H822KJ	100
	10000	25	50	4.0	0.35	EETHC1H103JJ	200
		30	40	4.0	0.35	EETHC1H103KJ	100
		35	30	4.0	0.35	EETHC1H103LJ	200
	12000	30	45	4.5	0.35	EETHC1H123KJ	100
		35	35	4.5	0.35	EETHC1H123LJ	100
	15000	30	50	4.8	0.35	EETHC1H153KJ	100
		35	40	4.8	0.35	EETHC1H153LJ	100
	18000	35	45	5.2	0.35	EETHC1H183LJ	100
63	2200	22	25	2.0	0.30	EETHC1J222HJ	200
	2700	22	30	2.2	0.30	EETHC1J272HJ	200
		25	25	2.2	0.30	EETHC1J272JJ	200
	3300	22	35	2.5	0.30	EETHC1J332HJ	200
	3900	22	40	2.7	0.30	EETHC1J392HJ	200
		25	30	2.7	0.30	EETHC1J392JJ	200
		30	25	2.7	0.30	EETHC1J392KJ	200
	4700	22	45	3.0	0.30	EETHC1J472HJ	200
		25	35	3.0	0.30	EETHC1J472JJ	200
	5600	22	50	3.3	0.30	EETHC1J562HJ	200
		25	40	3.3	0.30	EETHC1J562JJ	200
		30	30	3.3	0.30	EETHC1J562KJ	200

Endurance : 105°C 2000 h, Terminal Pitch : 10mm

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

■ Standard Products

W.V. (V)	Cap. ($\pm 20\%$) (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) (+105°C) (A)	$\tan \delta$ (120Hz) (+20°C)		
63	5600	35	25	3.3	0.30	EETHC1J562LJ	200
	6800	25	45	3.6	0.30	EETHC1J682JJ	200
		30	35	3.6	0.30	EETHC1J682KJ	100
		35	30	3.6	0.30	EETHC1J682LJ	200
	8200	30	40	3.9	0.30	EETHC1J822KJ	100
		35	35	3.9	0.30	EETHC1J822LJ	100
	10000	30	45	4.4	0.30	EETHC1J103KJ	100
		35	40	4.4	0.30	EETHC1J103LJ	100
	12000	30	50	4.8	0.30	EETHC1J123KJ	100
		35	45	4.8	0.30	EETHC1J123LJ	100
	15000	35	50	5.4	0.30	EETHC1J153LJ	100
80	1200	22	25	1.5	0.25	EETHC1K122HJ	200
	1500	22	30	1.7	0.25	EETHC1K152HJ	200
		25	25	1.7	0.25	EETHC1K152JJ	200
	1800	22	35	1.8	0.25	EETHC1K182HJ	200
	2200	22	40	2.1	0.25	EETHC1K222HJ	200
		25	30	2.1	0.25	EETHC1K222JJ	200
	2700	22	45	2.4	0.25	EETHC1K272HJ	200
		25	35	2.4	0.25	EETHC1K272JJ	200
		30	25	2.4	0.25	EETHC1K272KJ	200
	3300	22	50	2.6	0.25	EETHC1K332HJ	200
		25	40	2.6	0.25	EETHC1K332JJ	200
		30	30	2.6	0.25	EETHC1K332KJ	200
		35	25	2.6	0.25	EETHC1K332LJ	200
	3900	25	45	3.0	0.25	EETHC1K392JJ	200
		30	35	3.0	0.25	EETHC1K392KJ	100
	4700	25	50	3.3	0.25	EETHC1K472JJ	200
		30	40	3.3	0.25	EETHC1K472KJ	100
		35	30	3.3	0.25	EETHC1K472LJ	200
	5600	30	45	3.7	0.25	EETHC1K562KJ	100
		35	35	3.7	0.25	EETHC1K562LJ	100
	6800	30	50	3.9	0.25	EETHC1K682KJ	100
		35	40	3.9	0.25	EETHC1K682LJ	100
	8200	35	45	4.3	0.25	EETHC1K822LJ	100
100	820	22	25	1.4	0.25	EETHC2A821HJ	200
	1000	22	30	1.7	0.25	EETHC2A102HJ	200
	1200	22	30	1.8	0.25	EETHC2A122HJ	200
		25	25	1.8	0.25	EETHC2A122JJ	200
	1500	22	35	2.1	0.25	EETHC2A152HJ	200
		25	30	2.1	0.25	EETHC2A152JJ	200
	1800	22	40	2.3	0.25	EETHC2A182HJ	200
		25	35	2.3	0.25	EETHC2A182JJ	200

Endurance : 105°C 2000 h, Terminal Pitch : 10mm

When capacitors of $\phi 35 \times 45\text{L}$ and $\phi 35 \times 50\text{L}$ 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)	MinPackagingQty (pcs)
		Dia. (mm)	Length (mm)	Ripple current (120Hz) (+105°C) (A)	tan δ (120Hz) (+20°C)		
100	1800	30	25	2.3	0.25	EETHC2A182KJ	200
	2200	22	45	2.6	0.25	EETHC2A222HJ	200
		25	40	2.6	0.25	EETHC2A222JJ	200
		30	30	2.6	0.25	EETHC2A222KJ	200
		35	25	2.6	0.25	EETHC2A222LJ	200
	2700	25	45	2.9	0.25	EETHC2A272JJ	200
		30	35	2.9	0.25	EETHC2A272KJ	100
	3300	25	50	3.2	0.25	EETHC2A332JJ	200
		30	40	3.2	0.25	EETHC2A332KJ	100
		35	30	3.2	0.25	EETHC2A332LJ	200
	3900	30	45	3.6	0.25	EETHC2A392KJ	100
		35	35	3.6	0.25	EETHC2A392LJ	100
	4700	30	50	3.8	0.25	EETHC2A472KJ	100
		35	40	3.8	0.25	EETHC2A472LJ	100
	5600	35	45	4.1	0.25	EETHC2A562LJ	100
	6800	35	50	4.5	0.25	EETHC2A682LJ	100

Endurance : 105°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. ($\pm 20\%$) (μF)	Case size		Specification		Part No.	MinPackagingQty
		Dia. (mm)	Length (mm)	Ripple current (120Hz) (+105°C) (A)	$\tan \delta$ (120Hz) (+20°C)	PET Sleeve Terminal Length 4.0mm (Without P.V.C.plate)	(pcs)
160	470	22	25	1.40	0.15	EETHC2C471HJ	200
	560	22	30	1.50	0.15	EETHC2C561HJ	200
	680	22	30	1.70	0.15	EETHC2C681HJ	200
		25	25	1.70	0.15	EETHC2C681JJ	200
	820	22	35	2.00	0.15	EETHC2C821HJ	200
		25	30	2.00	0.15	EETHC2C821JJ	200
	1000	22	40	2.20	0.15	EETHC2C102HJ	200
		25	35	2.20	0.15	EETHC2C102JJ	200
		30	25	2.20	0.15	EETHC2C102KJ	200
	1200	22	45	2.30	0.15	EETHC2C122HJ	200
		25	40	2.30	0.15	EETHC2C122JJ	200
		30	30	2.30	0.15	EETHC2C122KJ	200
		35	25	2.30	0.15	EETHC2C122LJ	200
	1500	25	45	2.50	0.15	EETHC2C152JJ	200
		30	35	2.50	0.15	EETHC2C152KJ	100
		35	30	2.50	0.15	EETHC2C152LJ	200
	1800	25	50	2.70	0.15	EETHC2C182JJ	200
		30	40	2.70	0.15	EETHC2C182KJ	100
		35	30	2.70	0.15	EETHC2C182LJ	200
	2200	30	45	2.90	0.15	EETHC2C222KJ	100
		35	35	2.90	0.15	EETHC2C222LK	100
	2700	30	50	3.10	0.15	EETHC2C272KJ	100
		35	40	3.10	0.15	EETHC2C272LJ	100
	3300	35	50	3.30	0.15	EETHC2C332LJ	100
180	560	22	30	1.50	0.15	EETHC2P561HJ	200
		25	25	1.50	0.15	EETHC2P561JJ	200
	680	22	35	1.70	0.15	EETHC2P681HJ	200
		25	30	1.70	0.15	EETHC2P681JJ	200
	820	22	40	2.00	0.15	EETHC2P821HJ	200
		25	30	2.00	0.15	EETHC2P821JJ	200
		30	25	2.00	0.15	EETHC2P821KJ	200
	1000	22	45	2.20	0.15	EETHC2P102HJ	200
		25	40	2.20	0.15	EETHC2P102JJ	200
		30	30	2.20	0.15	EETHC2P102KJ	200
		35	25	2.20	0.15	EETHC2P102LJ	200
	1200	25	45	2.30	0.15	EETHC2P122JJ	200
		30	35	2.30	0.15	EETHC2P122KJ	100
	1500	25	50	2.50	0.15	EETHC2P152JJ	200
		30	40	2.50	0.15	EETHC2P152KJ	100
		35	30	2.50	0.15	EETHC2P152LJ	200
	1800	30	45	2.70	0.15	EETHC2P182KJ	100
		35	35	2.70	0.15	EETHC2P182LJ	100

Endurance : 105°C 2000 h, Terminal Pitch : 10mm

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

■ Standard Products

W.V. (V)	Cap. (μ F)	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) (+105°C) (A)	$\tan \delta$ (120Hz) (+20°C)		
180	2200	30	50	2.90	0.15	EETHC2P222KJ	100
		35	40	2.90	0.15	EETHC2P222LJ	100
	2700	35	50	3.10	0.15	EETHC2P272LJ	100
200	390	22	25	1.31	0.15	EETHC2D391HJ	200
		22	30	1.45	0.15	EETHC2D471HJ	200
		22	30	1.67	0.15	EETHC2D561HJ	200
	680	22	40	1.75	0.15	EETHC2D681HJ	200
		25	30	1.75	0.15	EETHC2D681JJ	200
		22	45	2.04	0.15	EETHC2D821HJ	200
	820	25	35	2.04	0.15	EETHC2D821JJ	200
		30	25	2.04	0.15	EETHC2D821KJ	200
		22	50	2.30	0.15	EETHC2D102HJ	200
	1000	25	45	2.30	0.15	EETHC2D102JJ	200
		30	30	2.30	0.15	EETHC2D102KJ	200
		35	25	2.30	0.15	EETHC2D102LJ	200
	1200	25	50	2.65	0.15	EETHC2D122JJ	200
		30	35	2.65	0.15	EETHC2D122KJ	100
		35	30	2.65	0.15	EETHC2D122LJ	200
	1500	30	40	2.80	0.15	EETHC2D152KJ	100
		35	30	2.80	0.15	EETHC2D152LJ	200
	1800	30	45	3.08	0.15	EETHC2D182KJ	100
		35	40	3.08	0.15	EETHC2D182LJ	100
	2200	30	50	3.48	0.15	EETHC2D222KJ	100
		35	45	3.48	0.15	EETHC2D222LJ	100
250	270	22	25	1.10	0.15	EETHC2E271HJ	200
		22	30	1.20	0.15	EETHC2E331HJ	200
	330	25	25	1.20	0.15	EETHC2E331JJ	200
		22	35	1.30	0.15	EETHC2E391HJ	200
	390	25	25	1.30	0.15	EETHC2E391JJ	200
		22	40	1.40	0.15	EETHC2E471HJ	200
	470	25	30	1.40	0.15	EETHC2E471JJ	200
		30	25	1.40	0.15	EETHC2E471KJ	200
		22	45	1.50	0.15	EETHC2E561HJ	200
	560	25	35	1.50	0.15	EETHC2E561JJ	200
		30	25	1.50	0.15	EETHC2E561KJ	200
		22	50	1.70	0.15	EETHC2E681HJ	200
	680	25	40	1.70	0.15	EETHC2E681JJ	200
		30	30	1.70	0.15	EETHC2E681KJ	200
		35	25	1.70	0.15	EETHC2E681LJ	200
	820	25	45	2.00	0.15	EETHC2E821JJ	200
		30	35	2.00	0.15	EETHC2E821KJ	100
		35	30	2.00	0.15	EETHC2E821LJ	200

Endurance : 105°C 2000 h, Terminal Pitch : 10mm

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

W.V. (V)	Cap. ($\pm 20\%$) (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) (+105°C) (A)	$\tan \delta$ (120Hz) (+20°C)		
250	1000	30	40	2.20	0.15	EETHC2E102KJ	100
	1200	30	45	2.30	0.15	EETHC2E122KJ	100
	1500	35	45	2.50	0.15	EETHC2E152LJ	100
	1800	35	50	2.70	0.15	EETHC2E182LJ	100
315	150	22	25	0.82	0.15	EETHC2F151HJ	200
	180	22	30	0.90	0.15	EETHC2F181HJ	200
	220	22	30	1.00	0.15	EETHC2F221HJ	200
	270	25	30	1.10	0.15	EETHC2F271JJ	200
	330	22	45	1.20	0.15	EETHC2F331HJ	200
		25	35	1.20	0.15	EETHC2F331JJ	200
		30	25	1.20	0.15	EETHC2F331KJ	200
	390	25	40	1.30	0.15	EETHC2F391JJ	200
		30	30	1.30	0.15	EETHC2F391KJ	200
		35	25	1.30	0.15	EETHC2F391LJ	200
	470	25	45	1.40	0.15	EETHC2F471JJ	200
		30	35	1.40	0.15	EETHC2F471KJ	100
	560	25	50	1.50	0.15	EETHC2F561JJ	200
		30	40	1.50	0.15	EETHC2F561KJ	100
		35	30	1.50	0.15	EETHC2F561LJ	200
	680	30	45	1.70	0.15	EETHC2F681KJ	100
		35	35	1.70	0.15	EETHC2F681LJ	100
	820	30	50	2.00	0.15	EETHC2F821KJ	100
		35	40	2.00	0.15	EETHC2F821LJ	100
	1000	35	45	2.30	0.15	EETHC2F102LJ	100
350	120	22	25	0.75	0.15	EETHC2V121HJ	200
	150	22	30	0.82	0.15	EETHC2V151HJ	200
	180	22	30	0.90	0.15	EETHC2V181HJ	200
		25	25	0.90	0.15	EETHC2V181JJ	200
	220	22	35	1.00	0.15	EETHC2V221HJ	200
		25	30	1.00	0.15	EETHC2V221JJ	200
	270	25	35	1.10	0.15	EETHC2V271JJ	200
		30	25	1.10	0.15	EETHC2V271KJ	200
	330	25	40	1.20	0.15	EETHC2V331JJ	200
		30	30	1.20	0.15	EETHC2V331KJ	200
	390	25	45	1.30	0.15	EETHC2V391JJ	200
		30	35	1.30	0.15	EETHC2V391KJ	100
	470	25	50	1.40	0.15	EETHC2V471JJ	200
		35	30	1.40	0.15	EETHC2V471LJ	200
	560	30	45	1.50	0.15	EETHC2V561KJ	100
		35	35	1.50	0.15	EETHC2V561LJ	100
	680	30	50	1.70	0.15	EETHC2V681KJ	100
		35	40	1.70	0.15	EETHC2V681LJ	100
	820	35	45	1.90	0.15	EETHC2V821LJ	100

Endurance : 105°C 2000 h, Terminal Pitch : 10mm

When capacitors of $\phi 35 \times 45\text{L}$ and $\phi 35 \times 50\text{L}$ 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. Mar.2006

■ Standard Products

W.V. (V)	Cap. ($\pm 20\%$) (μF)	Case size		Specification		Part No.	MinPackagingQty
		Dia. (mm)	Length (mm)	Ripple current (120Hz) (+105°C) (A)	$\tan \delta$ (120Hz) (+20°C)	PET Sleeve Terminal Length 4.0mm (Without P.V.C.plate)	(pcs)
400	100	22	25	0.70	0.15	EETHC2G101HJ	200
	120	22	30	0.75	0.15	EETHC2G121HJ	200
	150	22	30	0.88	0.15	EETHC2G151HJ	200
	180	22	35	0.95	0.15	EETHC2G181HJ	200
		25	30	0.95	0.15	EETHC2G181JJ	200
	220	22	45	1.10	0.15	EETHC2G221HJ	200
		25	35	1.10	0.15	EETHC2G221JJ	200
		30	25	1.10	0.15	EETHC2G221KJ	200
	270	22	50	1.22	0.15	EETHC2G271HJ	200
		25	40	1.22	0.15	EETHC2G271JJ	200
		30	30	1.22	0.15	EETHC2G271KJ	200
		35	25	1.22	0.15	EETHC2G271LJ	200
	330	25	45	1.44	0.15	EETHC2G331JJ	200
		30	35	1.44	0.15	EETHC2G331KJ	100
		35	30	1.44	0.15	EETHC2G331LJ	200
	390	25	50	1.55	0.15	EETHC2G391JJ	200
		30	40	1.55	0.15	EETHC2G391KJ	100
		35	30	1.55	0.15	EETHC2G391LJ	200
	470	30	45	1.68	0.15	EETHC2G471KJ	100
		35	35	1.68	0.15	EETHC2G471LJ	100
	560	30	50	1.90	0.15	EETHC2G561KJ	100
		35	40	1.90	0.15	EETHC2G561LJ	100
	680	35	45	2.12	0.15	EETHC2G681LJ	100
450	100	22	30	0.64	0.20	EETHC2W101HJ	200
		25	25	0.64	0.20	EETHC2W101JJ	200
	120	22	35	0.72	0.20	EETHC2W121HJ	200
		25	30	0.72	0.20	EETHC2W121JJ	200
	150	22	40	0.79	0.20	EETHC2W151HJ	200
		25	30	0.79	0.20	EETHC2W151JJ	200
		30	25	0.79	0.20	EETHC2W151KJ	200
	180	22	45	0.87	0.20	EETHC2W181HJ	200
		25	40	0.87	0.20	EETHC2W181JJ	200
		30	30	0.87	0.20	EETHC2W181KJ	200
	220	25	45	1.00	0.20	EETHC2W221JJ	200
		30	30	1.00	0.20	EETHC2W221KJ	200
		35	25	1.00	0.20	EETHC2W221LJ	200
	270	25	50	1.19	0.20	EETHC2W271JJ	200
		30	40	1.19	0.20	EETHC2W271KJ	100
		35	30	1.19	0.20	EETHC2W271LJ	200
	330	30	45	1.38	0.20	EETHC2W331KJ	100
		35	35	1.38	0.20	EETHC2W331LJ	100
	390	30	50	1.55	0.20	EETHC2W391KJ	100
		35	40	1.55	0.20	EETHC2W391LJ	100
	470	35	45	1.74	0.20	EETHC2W471LJ	100
	560	35	50	1.90	0.20	EETHC2W561LJ	100

Endurance : 105°C 2000 h, Terminal Pitch : 10mm

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

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■ 標準品一覧表(長さ:20mm)

定格 電圧 (V)	静電 容量 ($\pm 20\%$) (μF)	寸法		特性		品番	最少梱包数量 (pcs)
		直径 (mm)	長さ max (mm)	定格 リプル電流 (120Hz) (+105°C) (A)	$\tan\delta$ (120Hz) (+20°C)		
200	220	22	20	0.85	0.15	PETスリーブ品 端子長さ:4.0mm ビニールプレート無し	200
	270	25	20	0.95	0.15		200
	330	30	20	1.10	0.15		200
	390	30	20	1.20	0.15		200
	470	35	20	1.41	0.15		200
	560	35	20	1.48	0.15		200
250	150	22	20	0.69	0.15	EETHC2E151HJ	200
	180	25	20	0.77	0.15	EETHC2E181JJ	200
	220	30	20	0.95	0.15	EETHC2E221KJ	200
	270	30	20	1.00	0.15	EETHC2E271KJ	200
	330	35	20	1.16	0.15	EETHC2E331LJ	200
	390	35	20	1.30	0.15	EETHC2E391LJ	200
400	56	22	20	0.40	0.15	EETHC2G560HJ	200
	68	25	20	0.49	0.15	EETHC2G680JJ	200
	82	30	20	0.55	0.15	EETHC2G820KJ	200
	100	30	20	0.60	0.15	EETHC2G101KJ	200
	120	35	20	0.75	0.15	EETHC2G121LJ	200
	150	35	20	0.80	0.15	EETHC2G151LJ	200
450	39	22	20	0.36	0.20	EETHC2W390HJ	200
	47	25	20	0.41	0.20	EETHC2W470JJ	200
	56	25	20	0.43	0.20	EETHC2W560JJ	200
	68	30	20	0.50	0.20	EETHC2W680KJ	200
	82	30	20	0.53	0.20	EETHC2W820KJ	200
	100	35	20	0.61	0.20	EETHC2W101LJ	200

耐久性:105°C 2000時間
ターミナルピッチ:10mm