

Panasonic

Aluminum Electrolytic Capacitors/ UQ

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

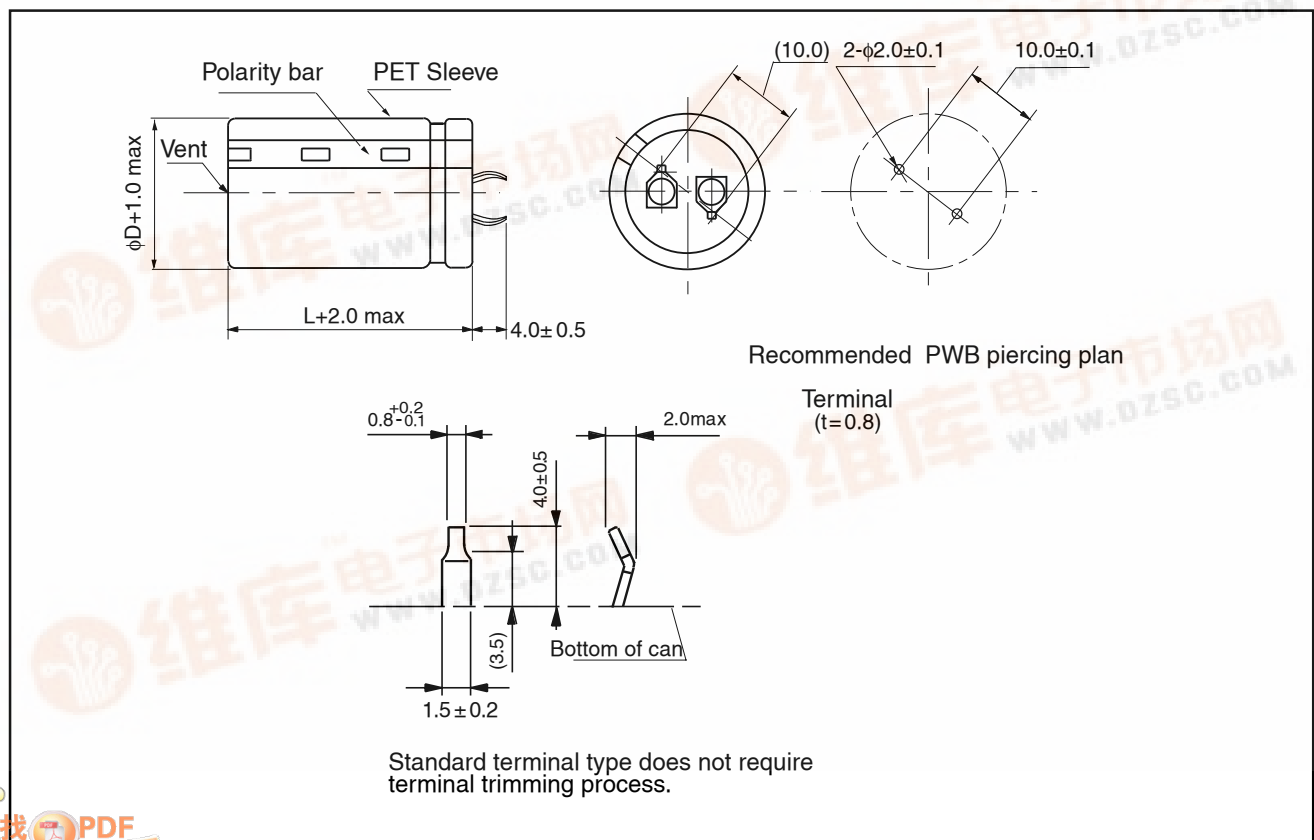
- Japan
- Malaysia
- U.S.A (***)



(***) 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							
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)								
	DC leakage current	≤ initial specified value							

■ 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) (+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.)

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)			
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	200
			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
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.)

■ 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.)

■ 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
	1200	22	30	2.3	0.25	EETUQ2A122HJ	200
		25	25	2.3	0.25	EETUQ2A122JJ	200
	1500	22	30	2.6	0.25	EETUQ2A152HJ	200
	1800	22	35	2.8	0.25	EETUQ2A182HJ	200
		25	30	2.8	0.25	EETUQ2A182JJ	200
	2200	22	45	3.1	0.25	EETUQ2A222HJ	200
		25	35	3.1	0.25	EETUQ2A222JJ	200
		30	25	3.1	0.25	EETUQ2A222KJ	200
	2700	22	50	3.7	0.25	EETUQ2A272HJ	200
		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	

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.)

■ 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
		22	30	1.85	0.15	EETUQ2D471HJ	200
	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.)

■ 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.)

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)		
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.)

■ 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
 Snap-in Type
Aluminum Electrolytic Capacitors