

Snap-in Type

Series: UQ Type : TS

■ Features Endurance: 85°C 2000 h
30% smaller than series UP

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



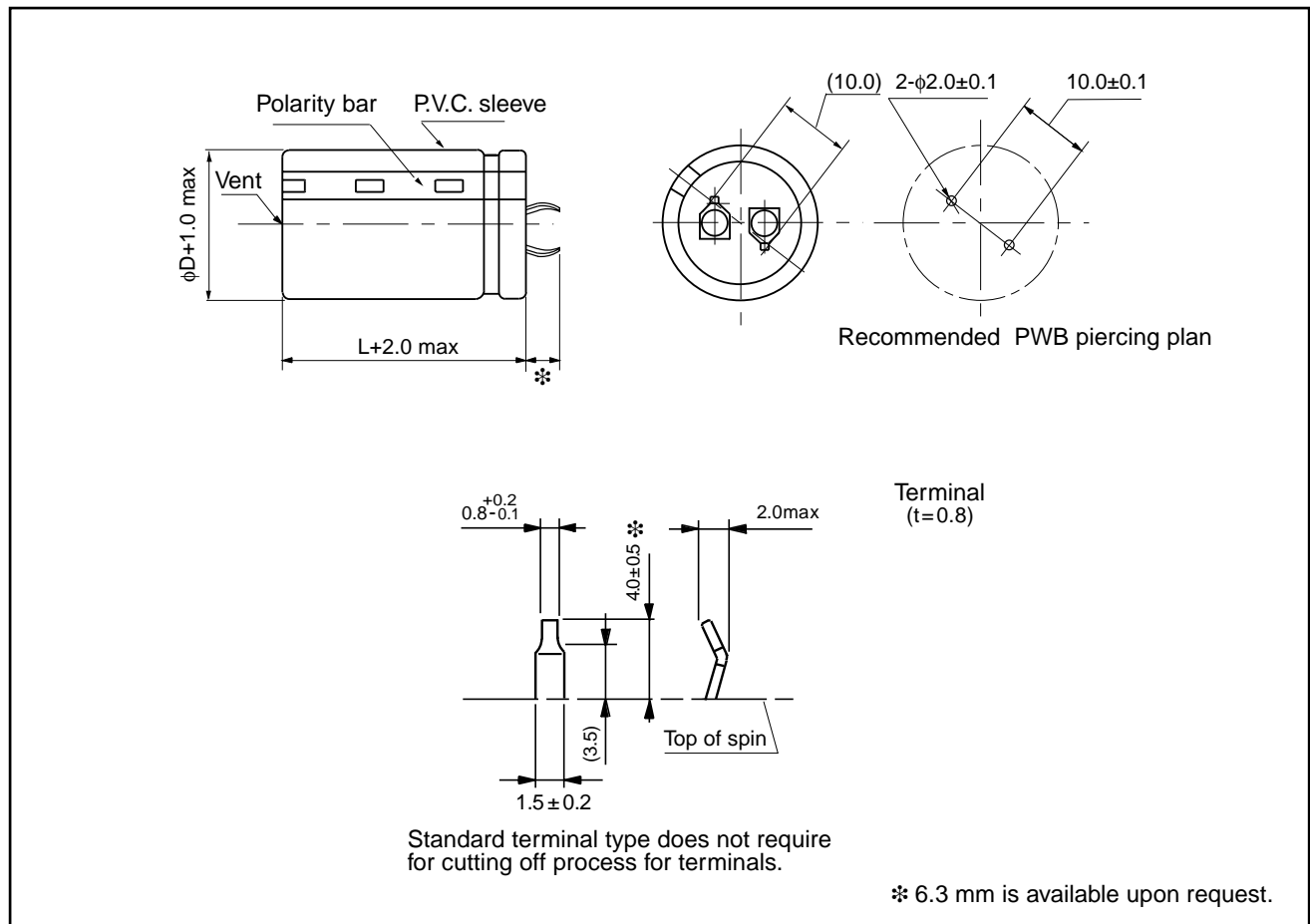
■ Recommended Applications
Smoothing circuits, AC adaptor

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

Specifications

Category temp. range	-40 to +85°C		-25 to +85°C					
Rated W.V. Range	160 to 250 V .DC		315 to 450 V .DC					
Nominal Cap. Range	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
	C.F. 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 1000hours 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)



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UQ

■ Standard Products

W.V. (V)	Cap. (±20%) (μF)	Case size		Specification		Part No. 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	EETUQ2C561H	200
	680	22	30	2.50	0.15	EETUQ2C681H	200
	820	22	35	2.75	0.15	EETUQ2C821H	200
	1000	22	40	3.00	0.15	EETUQ2C102H	200
		25	30	3.00	0.15	EETUQ2C102J	200
	1200	22	45	3.25	0.15	EETUQ2C122H	200
		25	35	3.25	0.15	EETUQ2C122J	200
		30	25	3.25	0.15	EETUQ2C122K	100
	1500	22	50	3.73	0.15	EETUQ2C152H	200
		25	40	3.73	0.15	EETUQ2C152J	200
		30	30	3.73	0.15	EETUQ2C152K	100
		35	25	3.73	0.15	EETUQ2C152L	100
	1800	25	45	4.20	0.15	EETUQ2C182J	200
		30	35	4.20	0.15	EETUQ2C182K	100
		35	30	4.20	0.15	EETUQ2C182L	100
	2200	30	40	4.78	0.15	EETUQ2C222K	100
35		35	4.78	0.15	EETUQ2C222L	100	
2700	30	45	5.45	0.15	EETUQ2C272K	100	
	35	40	5.45	0.15	EETUQ2C272L	100	
3300	35	45	5.75	0.15	EETUQ2C332L	100	
3900	35	50	6.00	0.15	EETUQ2C392L	100	
180	470	22	25	2.08	0.15	EETUQ2P471H	200
	560	22	30	2.25	0.15	EETUQ2P561H	200
	680	22	30	2.50	0.15	EETUQ2P681H	200
		25	25	2.50	0.15	EETUQ2P681J	200
	820	22	35	2.75	0.15	EETUQ2P821H	200
		25	30	2.75	0.15	EETUQ2P821J	200
	1000	22	45	3.00	0.15	EETUQ2P102H	200
		25	35	3.00	0.15	EETUQ2P102J	200
		30	25	3.00	0.15	EETUQ2P102K	100
	1200	22	50	3.31	0.15	EETUQ2P122H	200
		25	40	3.31	0.15	EETUQ2P122J	200
		30	30	3.31	0.15	EETUQ2P122K	100
		35	25	3.31	0.15	EETUQ2P122L	100
	1500	25	45	3.83	0.15	EETUQ2P152J	200
		30	35	3.83	0.15	EETUQ2P152K	100
		35	30	3.83	0.15	EETUQ2P152L	100
1800	25	50	4.32	0.15	EETUQ2P182J	200	
	30	40	4.32	0.15	EETUQ2P182K	100	
	35	30	4.32	0.15	EETUQ2P182L	100	
2200	30	45	4.92	0.15	EETUQ2P222K	100	
	35	40	4.92	0.15	EETUQ2P222L	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.)

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■ Standard Products

W.V. (V)	Cap. (±20%) (μF)	Case size		Specification		Part No. 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	EETUQ2P272K	100
		35	45	5.52	0.15	EETUQ2P272L	100
	3300	35	50	5.75	0.15	EETUQ2P332L	100
200	390	22	25	1.68	0.15	EETUQ2D391H	200
		470	22	30	1.85	0.15	EETUQ2D471H
	560	22	30	2.43	0.15	EETUQ2D561H	200
		25	25	2.43	0.15	EETUQ2D561J	200
	680	22	35	2.68	0.15	EETUQ2D681H	200
		25	30	2.68	0.15	EETUQ2D681J	200
	820	22	40	2.93	0.15	EETUQ2D821H	200
		25	30	2.93	0.15	EETUQ2D821J	200
		30	25	2.93	0.15	EETUQ2D821K	100
	1000	22	45	3.25	0.15	EETUQ2D102H	200
		25	35	3.25	0.15	EETUQ2D102J	200
		30	30	3.25	0.15	EETUQ2D102K	100
		35	25	3.25	0.15	EETUQ2D102L	100
	1200	22	50	3.50	0.15	EETUQ2D122H	200
		25	40	3.50	0.15	EETUQ2D122J	200
		30	30	3.50	0.15	EETUQ2D122K	100
	1500	25	50	3.87	0.15	EETUQ2D152J	200
		30	35	3.87	0.15	EETUQ2D152K	100
		35	30	3.87	0.15	EETUQ2D152L	100
	1800	30	45	4.32	0.15	EETUQ2D182K	100
		35	35	4.32	0.15	EETUQ2D182L	100
2200	30	50	4.92	0.15	EETUQ2D222K	100	
	35	40	4.92	0.15	EETUQ2D222L	100	
2700	35	50	5.45	0.15	EETUQ2D272L	100	
250	270	22	25	1.31	0.15	EETUQ2E271H	200
	330	22	30	1.75	0.15	EETUQ2E331H	200
	390	22	30	1.91	0.15	EETUQ2E391H	200
		25	25	1.91	0.15	EETUQ2E391J	200
	470	22	35	2.11	0.15	EETUQ2E471H	200
		25	30	2.11	0.15	EETUQ2E471J	200
	560	22	40	2.25	0.15	EETUQ2E561H	200
		25	30	2.25	0.15	EETUQ2E561J	200
		30	25	2.25	0.15	EETUQ2E561K	100
	680	22	45	2.50	0.15	EETUQ2E681H	200
		25	35	2.50	0.15	EETUQ2E681J	200
		30	30	2.50	0.15	EETUQ2E681K	100
	820	22	50	2.77	0.15	EETUQ2E821H	200
		25	40	2.77	0.15	EETUQ2E821J	200
		30	30	2.77	0.15	EETUQ2E821K	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.	Min.Packaging Q'ty (pcs)
		Dia. (mm)	Length (mm)	Ripple current (120Hz) (+85°C) (A)	tan δ (120Hz) (+20°C)	Terminal Length 4.0mm (Without P.V.C. plate)	
250	820	35	25	2.77	0.15	EETUQ2E821L	100
	1000	25	45	3.32	0.15	EETUQ2E102J	200
		30	35	3.32	0.15	EETUQ2E102K	100
		35	30	3.32	0.15	EETUQ2E102L	100
	1200	30	40	3.53	0.15	EETUQ2E122K	100
		35	35	3.53	0.15	EETUQ2E122L	100
	1500	30	50	4.04	0.15	EETUQ2E152K	100
		35	40	4.04	0.15	EETUQ2E152L	100
1800	35	45	4.55	0.15	EETUQ2E182L	100	
315	180	22	25	1.21	0.15	EETUQ2F181H	200
	220	22	30	1.41	0.15	EETUQ2F221H	200
	270	22	30	1.60	0.15	EETUQ2F271H	200
	330	22	40	1.82	0.15	EETUQ2F331H	200
		25	30	1.82	0.15	EETUQ2F331J	200
		30	25	1.82	0.15	EETUQ2F331K	100
	390	22	45	2.01	0.15	EETUQ2F391H	200
		25	35	2.01	0.15	EETUQ2F391J	200
		30	30	2.01	0.15	EETUQ2F391K	100
	470	22	50	2.27	0.15	EETUQ2F471H	200
		25	40	2.27	0.15	EETUQ2F471J	200
		30	30	2.27	0.15	EETUQ2F471K	100
		35	25	2.27	0.15	EETUQ2F471L	100
	560	25	45	2.56	0.15	EETUQ2F561J	200
		30	35	2.56	0.15	EETUQ2F561K	100
		35	30	2.56	0.15	EETUQ2F561L	100
	680	30	40	2.87	0.15	EETUQ2F681K	100
		35	35	2.87	0.15	EETUQ2F681L	100
	820	30	45	3.25	0.15	EETUQ2F821K	100
		35	40	3.25	0.15	EETUQ2F821L	100
1000	30	50	3.63	0.15	EETUQ2F102K	100	
	35	45	3.63	0.15	EETUQ2F102L	100	
350	150	22	25	1.12	0.15	EETUQ2V151H	200
	180	22	30	1.22	0.15	EETUQ2V181H	200
	220	22	35	1.44	0.15	EETUQ2V221H	200
	270	22	40	1.66	0.15	EETUQ2V271H	200
		25	30	1.66	0.15	EETUQ2V271J	200
	330	22	45	1.88	0.15	EETUQ2V331H	200
		25	35	1.88	0.15	EETUQ2V331J	200
	390	22	50	2.06	0.15	EETUQ2V391H	200
		25	40	2.06	0.15	EETUQ2V391J	200
		30	30	2.06	0.15	EETUQ2V391K	100
35		25	2.06	0.15	EETUQ2V391L	100	

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■ Standard Products

W.V. (V)	Cap. (±20%) (μF)	Case size		Specification		Part No. 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	EETUQ2V471J	200
		30	35	2.40	0.15	EETUQ2V471K	100
		35	30	2.40	0.15	EETUQ2V471L	100
	560	25	50	2.60	0.15	EETUQ2V561J	200
		30	40	2.60	0.15	EETUQ2V561K	100
		35	30	2.60	0.15	EETUQ2V561L	100
	680	30	45	2.96	0.15	EETUQ2V681K	100
		35	35	2.96	0.15	EETUQ2V681L	100
	820	30	50	3.25	0.15	EETUQ2V821K	100
		35	45	3.25	0.15	EETUQ2V821L	100
1000	35	50	3.54	0.15	EETUQ2V102L	100	
400	120	22	25	1.02	0.15	EETUQ2G121H	200
	150	22	30	1.16	0.15	EETUQ2G151H	200
	180	22	35	1.44	0.15	EETUQ2G181H	200
	220	22	40	1.49	0.15	EETUQ2G221H	200
		25	30	1.49	0.15	EETUQ2G221J	200
	270	22	45	1.67	0.15	EETUQ2G271H	200
		25	35	1.67	0.15	EETUQ2G271J	200
		30	30	1.67	0.15	EETUQ2G271K	100
	330	22	50	1.90	0.15	EETUQ2G331H	200
		25	40	1.90	0.15	EETUQ2G331J	200
		30	30	1.90	0.15	EETUQ2G331K	100
		35	25	1.90	0.15	EETUQ2G331L	100
	390	25	45	2.13	0.15	EETUQ2G391J	200
		30	35	2.13	0.15	EETUQ2G391K	100
		35	30	2.13	0.15	EETUQ2G391L	100
	470	25	50	2.39	0.15	EETUQ2G471J	200
		30	40	2.39	0.15	EETUQ2G471K	100
		35	30	2.39	0.15	EETUQ2G471L	100
	560	30	45	2.69	0.15	EETUQ2G561K	100
		35	35	2.69	0.15	EETUQ2G561L	100
	680	30	50	2.96	0.15	EETUQ2G681K	100
		35	45	2.96	0.15	EETUQ2G681L	100
	820	35	50	3.25	0.15	EETUQ2G821L	100
	450	82	22	25	0.83	0.15	EETUQ2W820H
100		22	25	0.93	0.15	EETUQ2W101H	200
120		22	30	1.04	0.15	EETUQ2W121H	200
150		22	35	1.19	0.15	EETUQ2W151H	200
		25	30	1.19	0.15	EETUQ2W151J	200
180		22	40	1.35	0.15	EETUQ2W181H	200
		25	30	1.35	0.15	EETUQ2W181J	200
220	22	45	1.55	0.15	EETUQ2W221H	200	

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Terminal Pitch : 10mm

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■ Standard Products

W.V. (V)	Cap. (±20%) (μF)	Case size		Specification		Part No. Terminal Length 4.0mm (Without P.V.C. plate)	Min.Packaging Qty (pcs)
		Dia. (mm)	Length (mm)	Ripple current (120Hz) (+85°C) (A)	tan δ (120Hz) (+20°C)		
450	220	25	40	1.55	0.15	EETUQ2W221J	200
		30	30	1.55	0.15	EETUQ2W221K	100
		35	25	1.55	0.15	EETUQ2W221L	100
	270	22	50	1.78	0.15	EETUQ2W271H	200
		25	40	1.78	0.15	EETUQ2W271J	200
		30	30	1.78	0.15	EETUQ2W271K	100
	330	25	50	2.01	0.15	EETUQ2W331J	200
		30	40	2.01	0.15	EETUQ2W331K	100
		35	30	2.01	0.15	EETUQ2W331L	100
	390	30	40	2.24	0.15	EETUQ2W391K	100
		35	35	2.24	0.15	EETUQ2W391L	100
	470	30	45	2.53	0.15	EETUQ2W471K	100
		35	40	2.53	0.15	EETUQ2W471L	100
	560	30	50	2.82	0.15	EETUQ2W561K	100
		35	45	2.82	0.15	EETUQ2W561L	100

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