

Snap-in Type

Series: ED Type : TS

- Features
 - Endurance : 105°C 2000h
 - High ripple current capability in range of high frequency.
 - High ripple current and miniaturization to help miniaturization of equipment.

Japan

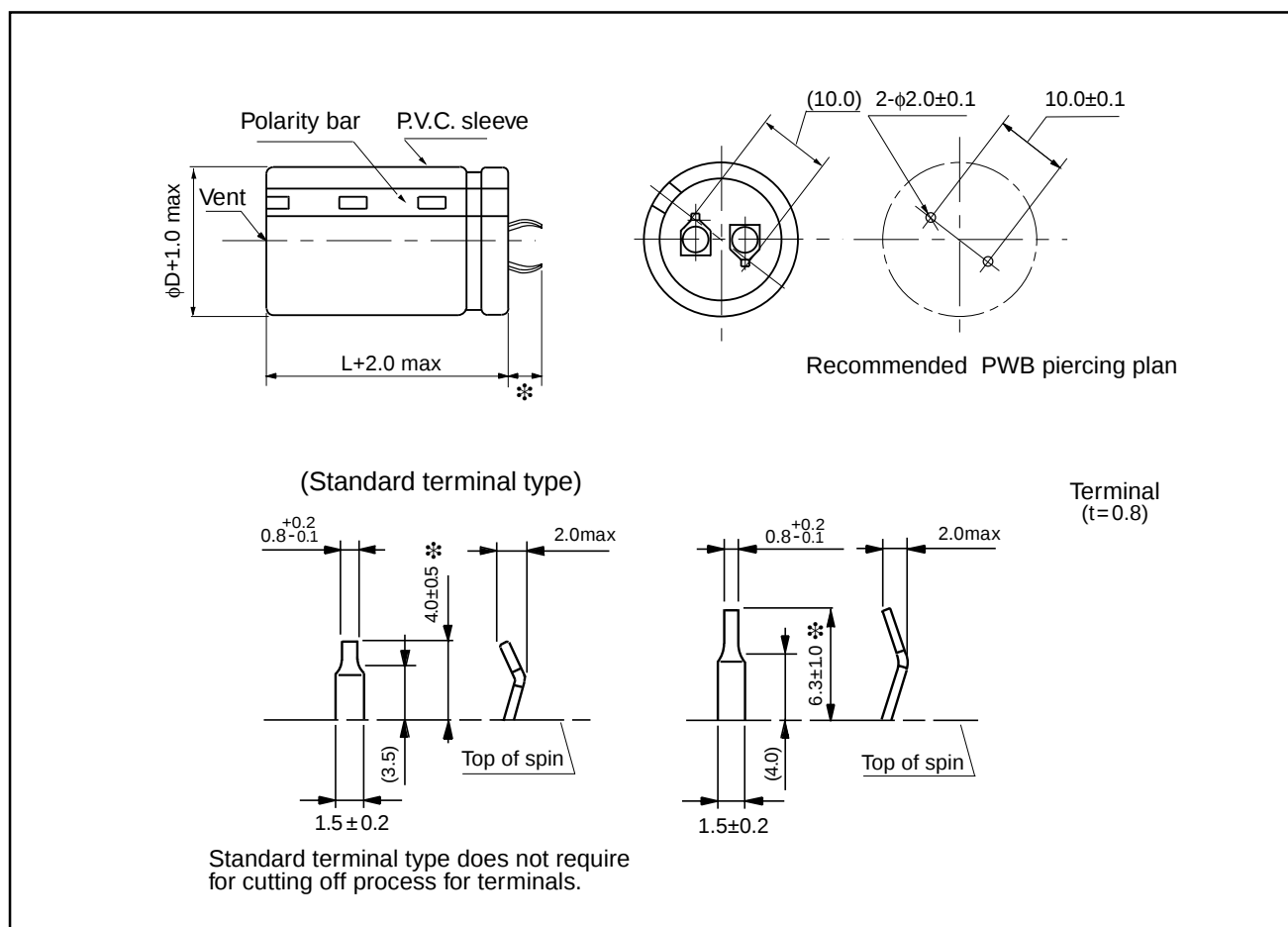
(*) Regarding USA product, Please check ACOM's Catalog.



Specifications

Category temp. range	-25 to +105°C								
Rated W.V. Range	400, 420, 450 V .DC								
Nominal Cap. Range	56 to 560 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)								
Dissipation Factor	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	0.5	0.55	0.68	0.70	0.85	0.90	1.00	
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							
	D.F.	≦ 200 % of initial specified value							
	DC leakage current	≦ initial specified value							
Shelf Life	After storage for 1000hours 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. ($\pm 20\%$) (μF)	Case size		Specification		Part No.		Min. Packaging Q'ty (pcs)
		Dia. (mm)	Length (mm)	Ripple current (50kHz) (+105°C) (A)	D.F. (120Hz) (+20°C)	Terminal Length 6.3mm (Without P.V.C. plate)	(Standard Terminals) Terminal Length 4.0mm (Without P.V.C. plate)	
400	82	22	25	1.14	0.15	EETED2G820B	EETED2G820H	200
	100	22	30	1.30	0.15	EETED2G101B	EETED2G101H	200
		25	25	1.30	0.15	EETED2G101C	EETED2G101J	200
	120	22	35	1.46	0.15	EETED2G121B	EETED2G121H	200
		25	30	1.46	0.15	EETED2G121C	EETED2G121J	200
	150	22	40	1.53	0.15	EETED2G151B	EETED2G151H	200
		25	30	1.53	0.15	EETED2G151C	EETED2G151J	200
		30	25	1.53	0.15	EETED2G151D	EETED2G151K	100
	180	22	45	1.60	0.15	EETED2G181B	EETED2G181H	200
		25	35	1.60	0.15	EETED2G181C	EETED2G181J	200
		30	30	1.60	0.15	EETED2G181D	EETED2G181K	100
	220	22	50	2.03	0.15	EETED2G221B	EETED2G221H	200
		25	40	2.03	0.15	EETED2G221C	EETED2G221J	200
		30	30	2.03	0.15	EETED2G221D	EETED2G221K	100
		35	25	2.03	0.15	EETED2G221E	EETED2G221L	100
	270	25	45	2.23	0.15	EETED2G271C	EETED2G271J	200
		30	35	2.23	0.15	EETED2G271D	EETED2G271K	100
		35	30	2.23	0.15	EETED2G271E	EETED2G271L	100
	330	30	40	2.44	0.15	EETED2G331D	EETED2G331K	100
		35	30	2.44	0.15	EETED2G331E	EETED2G331L	100
	390	30	45	2.64	0.15	EETED2G391D	EETED2G391K	100
		35	35	2.64	0.15	EETED2G391E	EETED2G391L	100
	470	35	40	2.84	0.15	EETED2G471E	EETED2G471L	100
	560	35	45	3.05	0.15	EETED2G561E	EETED2G561L	100
420	68	22	25	1.08	0.15	EETED2S680B	EETED2S680H	200
	82	22	30	1.14	0.15	EETED2S820B	EETED2S820H	200
		25	25	1.14	0.15	EETED2S820C	EETED2S820J	200
	100	22	30	1.30	0.15	EETED2S101B	EETED2S101H	200
		25	25	1.30	0.15	EETED2S101C	EETED2S101J	200
	120	22	35	1.46	0.15	EETED2S121B	EETED2S121H	200
		25	30	1.46	0.15	EETED2S121C	EETED2S121J	200
	150	22	40	1.53	0.15	EETED2S161B	EETED2S161H	200
		25	35	1.53	0.15	EETED2S161C	EETED2S161J	200
		30	25	1.53	0.15	EETED2S161D	EETED2S161K	100
	180	22	45	1.60	0.15	EETED2S181B	EETED2S181H	200
		25	40	1.60	0.15	EETED2S181C	EETED2S181J	200
		30	30	1.60	0.15	EETED2S181D	EETED2S181K	100
		35	25	1.60	0.15	EETED2S181E	EETED2S181L	100
	220	25	45	2.03	0.15	EETED2S221C	EETED2S221J	200
		30	35	2.03	0.15	EETED2S221D	EETED2S221K	100
		35	30	2.03	0.15	EETED2S221E	EETED2S221L	100

Endurance : 105°C 2000h

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, Specifications are subject to change without notice. Ask factory for technical specifications before purchase and/or use. Whenever a doubt about safety arises from this product, please inform us immediately for technical consultation without fail.

■ Standard Products

W.V. (V)	Cap. (±20%) (μF)	Case size		Specification		Part No.		Min.PackagingQ'ty (pcs)
		Dia. (mm)	Length (mm)	Ripple current (50kHz) (+105°C) (A)	D.F. (120Hz) (+20°C)	Terminal Length 6.3mm (Without P.V.C.plate)	(Standard Terminals) Terminal Length 4.0mm (Without P.V.C.plate)	
420	270	25	50	2.40	0.15	EETED2S271C	EETED2S271J	200
		30	40	2.40	0.15	EETED2S271D	EETED2S271K	100
		35	30	2.40	0.15	EETED2S271E	EETED2S271L	100
	330	30	45	2.54	0.15	EETED2S331D	EETED2S331K	100
		35	35	2.54	0.15	EETED2S331E	EETED2S331L	100
	390	30	50	2.73	0.15	EETED2S391D	EETED2S391K	100
		35	40	2.73	0.15	EETED2S391E	EETED2S391L	100
	470	35	45	3.18	0.15	EETED2S471E	EETED2S471L	100
450	56	22	25	0.95	0.15	EETED2W560B	EETED2W560H	200
	68	22	30	1.08	0.15	EETED2W680B	EETED2W680H	200
		25	25	1.08	0.15	EETED2W680C	EETED2W680J	200
	82	22	30	1.14	0.15	EETED2W820B	EETED2W820H	200
		25	25	1.14	0.15	EETED2W820C	EETED2W820J	200
	100	22	35	1.30	0.15	EETED2W101B	EETED2W101H	200
		25	30	1.30	0.15	EETED2W101C	EETED2W101J	200
	120	22	40	1.46	0.15	EETED2W121B	EETED2W121H	200
		25	35	1.46	0.15	EETED2W121C	EETED2W121J	200
		30	25	1.46	0.15	EETED2W121D	EETED2W121K	100
	150	22	45	1.53	0.15	EETED2W151B	EETED2W151H	200
		25	40	1.53	0.15	EETED2W151C	EETED2W151J	200
		30	30	1.53	0.15	EETED2W151D	EETED2W151K	100
		35	25	1.53	0.15	EETED2W151E	EETED2W151L	100
	180	22	50	1.60	0.15	EETED2W181B	EETED2W181H	200
		25	40	1.60	0.15	EETED2W181C	EETED2W181J	200
		30	30	1.60	0.15	EETED2W181D	EETED2W181K	100
		35	25	1.60	0.15	EETED2W181E	EETED2W181L	100
	220	25	45	2.03	0.15	EETED2W221C	EETED2W221J	200
		30	35	2.03	0.15	EETED2W221D	EETED2W221K	100
		35	30	2.03	0.15	EETED2W221E	EETED2W221L	100
	270	30	40	2.45	0.15	EETED2W271D	EETED2W271K	100
		35	35	2.45	0.15	EETED2W271E	EETED2W271L	100
	330	30	50	2.64	0.15	EETED2W331D	EETED2W331K	100
		35	40	2.64	0.15	EETED2W331E	EETED2W331L	100
	390	35	40	2.82	0.15	EETED2W391E	EETED2W391L	100
	470	35	50	3.53	0.15	EETED2W471E	EETED2W471L	100

Endurance : 105°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.)