

## Metallized Polypropylene Film Capacitor

**EZPQ** series

**UPGRADE**



### Features

- High safety (Self-protecting function built-in)
- Long product life, High reliability
- Low loss, Low ESR
- Flame retardant (Case and sealing resin)
- High moisture resistance (85 °C, 85 %RH)
  - 330 V.AC : 280 V.AC, 1000 h
  - 380 V.AC : 320 V.AC, 1000 h
- RoHS compliant

### Recommended applications

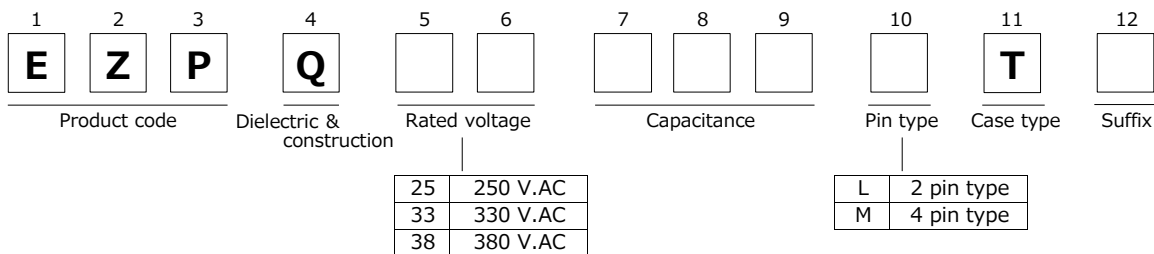
#### For AC filter

- Solar inverters
- UPS
- Industrial power supplies
- Inverter circuit in appliances (Air conditioners etc.)

### Construction

- Dielectric : Polypropylene film
- Electrodes : Metallized dielectric with segmented pattern
- Plastic case : UL94 V-0
- Sealing : UL94 V-0
- Terminals : Tinned wires, 2-pin and 4-pin versions

### Explanation of part number



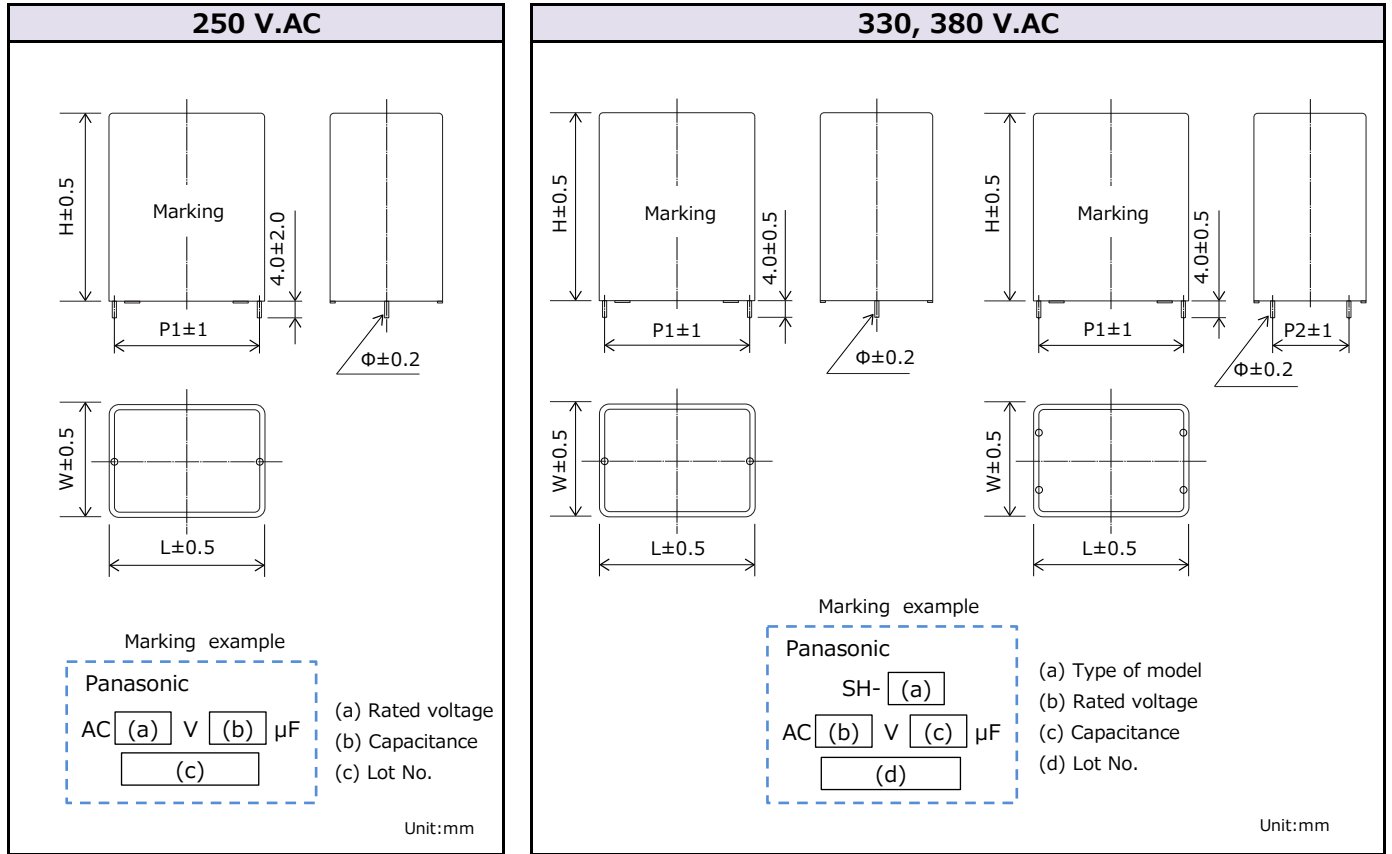
### Specifications

Category temperature range *1	250 V.AC	-40 °C to +85 °C
	330 V.AC	-40 °C to +105 °C
	380 V.AC	
Rated voltage *2	250 V.AC	250 V.AC
	330 V.AC, 380 V.AC	(Derating of rated voltage by 1.0 %/°C at more than 85 °C)
Rated capacitance	250 V.AC	12, 22, 36 μF
	330 V.AC	3 μF to 20 μF
	380 V.AC	1 μF to 15 μF
Capacitance tolerance		±5%, ±10 %
Withstanding DC voltage	250 V.AC	Between terminals : Rated voltage (V.AC) × 175 % 10 s
	330 V.AC	Terminal to case : 2000 V.AC (50 Hz or 60 Hz), 10 s
	380 V.AC	Between terminals : Rated voltage (V.AC) × 150 % 60 s
Insulation resistance (IR)		Terminal to case : 2000 V.AC (50 Hz or 60 Hz), 10 s
		CR ≥ 10,000 Ω·F (20 °C, 100 V.DC, 60 s)

\*1 : The temperature of capacitor surface (case).

\*2 : Use for AC voltage only.

## Dimensions



## Rating · Dimensions · Quantity

### ● Rated voltage : 250 V.AC

Part No.	Capacitance (μF)	Dimensions (mm)						Mass (g)	Min. order Q'ty <sup>*1</sup> (PCS)
		W	H	L	P1	P2	Φ		
EZPQ25126LTA	12	22	36	48.5	45.6	—	1.2	80	800
EZPQ25226LTA	22	30	45	57.5	52.5	—	1.2	107	200
EZPQ25366LTA	36	35	56	57.5	52.5	—	1.2	136	200

\*1 : Minimum order quantity consists of 4 packing units.

## Rating · Dimensions · Quantity

### ● Rated voltage : 330 V.AC **NEW**

Part No.	Cap. Tol. (%)	Cap. (μF)	Dimensions (mm)						dv/dt (V/μs)	Permissible current		ESR* <sup>3</sup> (mΩ)	Mass (g)	Min. order Q'ty* <sup>4</sup> (PCS)
			W	H	L	P1	P2	Φ		Peak current* <sup>1</sup> (A <sub>0-P</sub> )	RMS current* <sup>2</sup> (A rms)			
EZPQ33305LTA	±5	3.0	17.0	34.5	41.0	37.5	-	1.0	23	69	5.0	23.0	38	1200
EZPQ33335LTA	±5	3.3	17.0	34.5	41.0	37.5	-	1.0	23	76	5.3	21.2	38	1200
EZPQ33355LTA	±5	3.5	17.0	34.5	41.0	37.5	-	1.0	23	81	5.6	20.0	39	1200
EZPQ33405LTA	±5	4.0	17.0	34.5	41.0	37.5	-	1.0	23	92	6.2	17.5	40	1200
EZPQ33455LTA	±5	4.5	17.0	34.5	41.0	37.5	-	1.0	23	104	6.8	15.9	39	1200
EZPQ33475LTA	±5	4.7	22.0	36.0	41.0	37.5	-	1.0	23	108	6.8	16.2	51	600
EZPQ33505LTA	±5	5.0	22.0	36.0	41.0	37.5	-	1.0	23	115	7.1	15.2	50	600
EZPQ33605LTA	±5	6.0	22.0	36.0	41.0	37.5	-	1.0	23	138	8.0	13.5	58	600
EZPQ33685LTA	±5	6.8	26.0	40.5	41.0	37.5	-	1.0	23	156	8.6	12.6	73	600
EZPQ33705LTA	±5	7.0	26.0	40.5	41.0	37.5	-	1.0	23	161	8.8	12.2	73	600
EZPQ33805LTA	±5	8.0	26.0	40.5	41.0	37.5	-	1.0	23	184	9.5	11.3	74	600
EZPQ33905LTA	±5	9.0	26.5	41.5	41.5	37.5	-	1.0	23	207	10.3	10.6	78	400
EZPQ33106LTA	±5	10.0	35.5	50.5	42.5	37.5	-	1.2	23	230	12.1	8.1	115	400
EZPQ33106LTB	±5	10.0	30.0	50.5	41.0	37.5	-	1.0	23	230	10.4	10.9	100	400
EZPQ33126LTA	±5	12.0	30.0	50.5	41.0	37.5	-	1.0	23	276	11.5	10.0	99	400
EZPQ33146LTA	±5	14.0	35.5	50.5	42.5	37.5	-	1.2	23	322	14.4	7.1	122	400
EZPQ33156LTA	±5	15.0	35.5	50.5	42.5	37.5	-	1.2	23	345	14.9	7.0	143	400
EZPQ33206LTB	±5	20.0	43.0	58.0	41.0	37.5	-	1.2	23	460	17.9	5.9	182	400
EZPQ33106MTA	±5	10.0	30.0	50.5	41.0	37.5	10.2	1.0	23	230	10.4	10.9	101	400
EZPQ33126MTA	±5	12.0	30.0	50.5	41.0	37.5	10.2	1.0	23	276	11.5	10.0	100	400
EZPQ33146MTA	±5	14.0	35.5	50.5	42.5	37.5	10.2	1.2	23	322	14.4	7.1	122	400
EZPQ33156MTA	±5	15.0	35.5	50.5	42.5	37.5	10.2	1.2	23	345	14.9	7.0	144	400
EZPQ33206MTA	±5	20.0	43.0	58.0	41.0	37.5	10.2	1.2	23	460	17.9	5.9	184	400

### ● Rated voltage : 380 V.AC **NEW**

Part No.	Cap. Tol. (%)	Cap. (μF)	Dimensions (mm)						dv/dt (V/μs)	Permissible current		ESR* <sup>3</sup> (mΩ)	Mass (g)	Min. order Q'ty* <sup>4</sup> (PCS)
			W	H	L	P1	P2	Φ		Peak current* <sup>1</sup> (A <sub>0-P</sub> )	RMS current* <sup>2</sup> (A rms)			
EZPQ38105LTA	±5	1.0	15.0	29.0	41.0	37.5	-	1.0	50	50	2.1	71.6	27	1200
EZPQ38155LTA	±5	1.5	15.0	29.0	41.0	37.5	-	1.0	50	75	2.8	48.8	28	1200
EZPQ38205LTA	±5	2.0	15.0	29.0	41.0	37.5	-	1.0	50	100	3.5	36.6	29	1200
EZPQ38225LTB	±5	2.2	15.0	29.0	41.0	37.5	-	1.0	50	110	3.8	33.2	30	1200
EZPQ38255LTB	±5	2.5	15.0	29.0	41.0	37.5	-	1.0	50	125	4.1	29.2	31	1200
EZPQ38305LTA	±5	3.0	17.0	34.5	41.0	37.5	-	1.0	50	150	4.8	24.4	39	1200
EZPQ38335LTA	±5	3.3	17.0	34.5	41.0	37.5	-	1.0	50	165	5.2	22.1	38	1200
EZPQ38355LTA	±5	3.5	17.0	34.5	41.0	37.5	-	1.0	50	175	5.4	20.9	39	1200
EZPQ38405LTA	±5	4.0	22.0	36.0	41.0	37.5	-	1.0	50	200	6.0	18.3	50	600
EZPQ38455LTA	±5	4.5	22.0	36.0	41.0	37.5	-	1.0	50	225	6.5	16.7	52	600
EZPQ38475LTA	±5	4.7	22.0	36.0	41.0	37.5	-	1.0	50	235	6.7	16.0	51	600
EZPQ38505LTA	±5	5.0	22.0	36.0	41.0	37.5	-	1.0	50	250	7.1	15.1	59	600
EZPQ38555LTA	±5	5.5	26.0	40.5	41.0	37.5	-	1.0	50	275	7.4	14.4	71	600
EZPQ38605LTA	±5	6.0	26.0	40.5	41.0	37.5	-	1.0	50	300	7.8	13.7	73	600
EZPQ38705LTA	±5	7.0	26.0	40.5	41.0	37.5	-	1.0	50	350	8.7	12.2	74	600
EZPQ38755LTA	±5	7.5	26.5	41.5	41.5	37.5	-	1.0	50	375	9.1	11.8	78	400
EZPQ38805LTC	±10	8.0	26.5	41.5	41.5	37.5	-	1.0	70	560	10.0	6.0	78	400
EZPQ38805LTD	±5	8.0	27.5	42.0	41.5	37.5	-	1.0	50	400	9.2	11.9	80	600
EZPQ38855LTA	±5	8.5	30.0	50.5	41.0	37.5	-	1.0	50	425	9.5	11.7	101	400
EZPQ38905LTA	±5	9.0	30.0	50.5	41.0	37.5	-	1.0	50	450	9.8	11.4	100	400
EZPQ38955LTA	±5	9.5	30.0	50.5	41.0	37.5	-	1.0	50	475	10.1	11.0	100	400
EZPQ38106LTA	±5	10.0	30.0	50.5	41.0	37.5	-	1.0	50	500	10.4	10.8	100	400
EZPQ38126LTA	±5	12.0	30.0	56.0	41.5	37.5	-	1.2	50	600	12.7	8.0	122	400
EZPQ38156LTA	±5	15.0	38.0	57.5	42.0	37.5	-	1.2	50	750	14.6	7.1	157	400
EZPQ38805MTA	±5	8.0	27.5	42.0	41.5	37.5	10.2	1.0	50	400	9.2	11.9	81	600
EZPQ38855MTA	±5	8.5	30.0	50.5	41.0	37.5	10.2	1.0	50	425	9.5	11.7	102	400
EZPQ38905MTA	±5	9.0	30.0	50.5	41.0	37.5	10.2	1.0	50	450	9.8	11.4	101	400
EZPQ38955MTA	±5	9.5	30.0	50.5	41.0	37.5	10.2	1.0	50	475	10.1	11.0	101	400
EZPQ38106MTA	±5	10.0	30.0	50.5	41.0	37.5	10.2	1.0	50	500	10.4	10.8	101	400
EZPQ38126MTA	±5	12.0	30.0	56.0	41.5	37.5	10.2	1.2	50	600	12.7	8.0	124	400
EZPQ38156MTB	±5	15.0	38.0	57.5	42.0	37.5	10.2	1.2	50	750	14.6	7.1	159	400

\*1 : When rising temperature of capacitor surface by continuous peak current(included pulse current), use within limit specified for temperature of capacitor surface and self heating temperature rise.

\*2 : Maximum RMS current @ 85°C , 10kHz Use within limit for self heating temperature rise at capacitor surface.

\*3 : 20 °C、10 kHz

\*4 : Minimum order quantity consists of 4 packing units.

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