Panasonic
INDUSTRY

UPDATE

Plastic Film Capacitors

Metallized Polypropylene Film Capacitor

EZPV series



Features

- High Safety (with safety function)
- Long product life, High reliability
- Low loss, Low ESR
- Flame retardant (Case and sealing resin)
- AEC-Q200 compliant (For automotive part No.)
- RoHS compliant

Recommended applications

- For DC filtering, DC link circuit
- Solar inverters
- Wind power generation
- Industrial power supplies
- Inverter circuit in appliances (Air Conditioners etc.)
- On board charger,AC/DC,DC/DC converter for automotive

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

1	2	3	4	5	6	7	8	9	10	11	12
E	Z	P	V							T	
Product code			Dielectric & construction	Rated voltage		Capacitance			Pin type	Case type	Suffix

Code	R.voltage [DC]
60	600 V
70	700 V
80	800 V
1A	1000 V
1B	1100 V

Code	Pin type
L	2 pin type
M	4 pin type

Code	Suffix
A	27.5 mm pitch (For industrial & infrastructure)
B	37.5 mm pitch (For industrial & infrastructure)
C	52.5 mm pitch (For industrial & infrastructure)
U	27.5 mm pitch (For automotive)
T	37.5 mm pitch (For automotive)
S	52.5 mm pitch (For automotive)

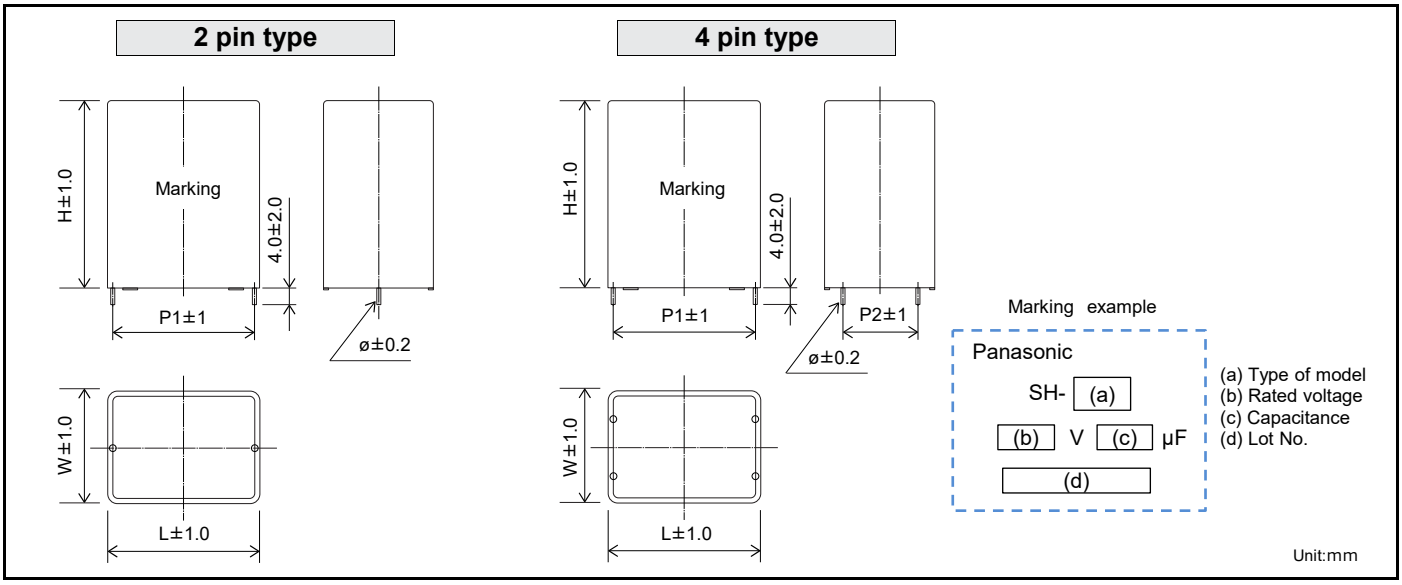
Specifications

Category temperature range*1	−40 ℃ to +105 ℃	
Rated voltage*2 [DC]	600 V, 700 V, 800 V, 1000 V, 1100 V (Derating of rated voltage by 1.0 %/℃ at more than 85 ℃)	
Rated capacitance	600 V	10 μF to 110 μF
	700 V / 800 V	8 μF to 65 μF
	1000 V / 1100 V	3 μF to 40 μF
Capacitance tolerance	±10 %	
Withstand voltage	Between terminals : Rated voltage (V) × 150 % 10 s Terminal to case : 2000 V [AC] 10 s	
Insulation resistance (IR)	CR ≧ 3,000 Ω･F (20 ℃, 500 V, 60 s)	

*1 : The temperature of capacitor surface (case).
*2 : Use for DC voltage only.

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.

Dimensions



Rating · Dimensions · Quantity

For industrial & infrastructure

■ Rated voltage [DC] : 600 V

Part No.	Cap. Tol. (%)	Cap. (µF)	Dimensions (mm)						dv/dt (V/µs)	Permissible current		ESR*3 (mΩ)	Mass (g)	Min. order Q'ty*4 (PCS)
			W	H	L	P1	P2	ø		Peak current*1 (A_{0-P})	RMS current*2 (A rms)			
EZPV60106LTB	±10	10	15.0	29.0	41.0	37.5	-	1.0	25	250	8.6	16.9	22	1200
EZPV60126LTB	±10	12	15.0	29.0	41.0	37.5	-	1.0	25	300	9.2	14.3	23	1200
EZPV60156LTB	±10	15	17.0	34.5	41.0	37.5	-	1.0	25	375	10.0	12.8	28	1200
EZPV60206MTB	±10	20	22.0	36.0	41.0	37.5	10.2	1.0	25	500	11.9	10.4	39	600
EZPV60226MTB	±10	22	22.0	36.0	41.0	37.5	10.2	1.0	25	550	12.7	9.6	41	600
EZPV60256MTB	±10	25	22.0	36.0	41.0	37.5	10.2	1.0	25	625	13.8	8.6	42	600
EZPV60306MTB	±10	30	26.0	40.5	41.0	37.5	10.2	1.0	25	750	15.6	8.2	54	600
EZPV60356MTB	±10	35	26.0	40.5	41.0	37.5	10.2	1.0	25	875	17.2	7.1	55	600
EZPV60406MTB	±10	40	27.5	42.0	41.5	37.5	10.2	1.0	25	1000	18.7	6.5	59	600
EZPV60456MTB	±10	45	30.0	50.5	41.0	37.5	20.3	1.0	25	1125	20.1	6.2	71	400
EZPV60506MTB	±10	50	30.0	50.5	41.0	37.5	20.3	1.0	25	1250	21.5	5.3	74	400
EZPV60556MTB	±10	55	30.0	50.5	41.0	37.5	20.3	1.0	25	1375	22.0	4.5	81	400
EZPV60606MTB	±10	60	30.0	56.0	41.5	37.5	20.3	1.2	25	1500	22.5	4.1	85	400
EZPV60656MTB	±10	65	30.0	56.0	41.5	37.5	20.3	1.2	25	1625	23.0	3.6	88	400
EZPV60706MTB	±10	70	38.0	52.5	42.0	37.5	20.3	1.2	25	1750	23.4	3.6	108	400
EZPV60756MTB	±10	75	38.0	57.0	42.0	37.5	20.3	1.2	25	1875	23.8	4.1	109	400
EZPV60806MTB	±10	80	43.0	58.0	41.0	37.5	20.3	1.2	25	2000	24.3	3.9	129	400
EZPV60856MTB	±10	85	43.0	58.0	41.0	37.5	20.3	1.2	25	2125	24.7	3.7	132	400
EZPV60406MTC	±10	40	25.0	40.0	57.0	52.5	10.2	1.2	15	600	16.9	8.4	67	600
EZPV60456MTC	±10	45	25.0	40.0	57.0	52.5	10.2	1.2	15	675	18.0	7.6	68	600
EZPV60506MTC	±10	50	25.0	40.0	57.0	52.5	10.2	1.2	15	750	19.1	6.8	70	600
EZPV60556MTC	±10	55	30.0	51.0	57.5	52.5	10.2	1.2	15	825	20.1	8.0	92	200
EZPV60606MTC	±10	60	30.0	51.0	57.5	52.5	10.2	1.2	15	900	21.0	7.5	94	200
EZPV60656MTC	±10	65	30.0	51.0	57.5	52.5	20.3	1.2	15	975	21.9	7.0	95	200
EZPV60706MTC	±10	70	30.0	51.0	57.5	52.5	20.3	1.2	15	1050	22.8	6.6	97	200
EZPV60756MTC	±10	75	30.0	51.0	57.5	52.5	20.3	1.2	15	1125	23.6	5.5	101	200
EZPV60806MTC	±10	80	30.0	51.0	57.5	52.5	20.3	1.2	15	1200	24.5	4.9	108	200
EZPV60856MTC	±10	85	30.0	51.0	57.5	52.5	20.3	1.2	15	1275	25.3	4.6	110	200
EZPV60906MTC	±10	90	35.0	50.0	57.5	52.5	20.3	1.2	15	1350	26.0	4.7	121	200
EZPV60956MTC	±10	95	35.0	50.0	57.5	52.5	20.3	1.2	15	1425	26.8	5.2	122	200
EZPV60107MTC	±10	100	40.0	51.5	57.0	52.5	20.3	1.2	15	1500	27.5	5.1	145	200
EZPV60117MTC	±10	110	35.0	56.0	57.5	52.5	20.3	1.2	15	1650	28.9	4.8	138	200

*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 @ 70℃ , 10kHz Use within limit for self heating temperature rise at capacitor surface.
*3 : 20 ℃、10 kHz
*4 : Minimum order quantity consists of 4 packing units.

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Rating · Dimensions · Quantity

For industrial & infrastructure

■ Rated voltage [DC] : 700 V **NEW**

Part No.	Cap. Tol. (%)	Cap. (μF)	Dimensions (mm)						dv/dt (V/μs)	Permissible current		ESR*3 (mΩ)	Mass (g)	Min. order Q'ty*4 (PCS)
			W	H	L	P1	P2	ø		Peak current*1 (A_{0-P})	RMS current*2 (A rms)			
EZPV70905LTA	±10	9	20.5	41.5	31.0	27.5	-	0.8	35	315	12.3	12.6	30	800
EZPV70905MTA	±10	9	20.5	41.5	31.0	27.5	10.2	0.8	35	315	12.3	12.6	30	800
EZPV70106LTA	±10	10	20.5	41.5	31.0	27.5	-	0.8	35	350	12.9	11.5	31	800
EZPV70106MTA	±10	10	20.5	41.5	31.0	27.5	10.2	0.8	35	350	12.9	11.5	31	800
EZPV70116LTA	±10	11	20.5	41.5	31.0	27.5	-	0.8	35	385	13.6	10.6	32	800
EZPV70116MTA	±10	11	20.5	41.5	31.0	27.5	10.2	0.8	35	385	13.6	10.6	32	800
EZPV70126LTA	±10	12	20.5	41.5	31.0	27.5	-	0.8	35	420	14.2	9.9	33	800
EZPV70126MTA	±10	12	20.5	41.5	31.0	27.5	10.2	0.8	35	420	14.2	9.9	33	800
EZPV70136LTA	±10	13	26.0	41.0	31.0	27.5	-	1.0	35	455	14.7	9.2	42	600
EZPV70136MTA	±10	13	26.0	41.0	31.0	27.5	10.2	1.0	35	455	14.7	9.2	42	600
EZPV70146LTA	±10	14	26.0	41.0	31.0	27.5	-	1.0	35	490	15.3	8.7	42	600
EZPV70146MTA	±10	14	26.0	41.0	31.0	27.5	10.2	1.0	35	490	15.3	8.7	42	600
EZPV70186LTA	±10	18	22.0	53.5	31.0	27.5	-	1.2	35	630	17.3	7.8	54	600
EZPV70186MTA	±10	18	22.0	53.5	31.0	27.5	10.2	1.2	35	630	17.3	7.8	54	600
EZPV70805LTB	±10	8	17.0	34.5	41.0	37.5	-	1.0	35	280	8.2	17.1	28	1200
EZPV70905LTB	±10	9	17.0	34.5	41.0	37.5	-	1.0	35	315	8.9	15.6	28	1200
EZPV70106LTB	±10	10	17.0	34.5	41.0	37.5	-	1.0	35	350	9.5	13.9	30	1200
EZPV70126LTB	±10	12	22.0	36.0	41.0	37.5	-	1.0	35	420	10.7	12.5	39	600
EZPV70156MTB	±10	15	22.0	36.0	41.0	37.5	10.2	1.0	35	525	13.0	10.2	42	600
EZPV70206MTB	±10	20	26.0	40.5	41.0	37.5	10.2	1.0	35	700	15.8	8.7	55	600
EZPV70256MTB	±10	25	30.0	50.5	41.0	37.5	10.2	1.0	35	875	18.3	8.7	70	400
EZPV70306MTB	±10	30	30.0	50.5	41.0	37.5	20.3	1.0	35	1050	20.6	7.1	74	400
EZPV70356MTB	±10	35	30.0	56.0	41.5	37.5	20.3	1.2	35	1225	22.7	5.5	86	400
EZPV70406MTB	±10	40	38.0	52.5	42.0	37.5	20.3	1.2	35	1400	24.6	5.1	108	400
EZPV70456MTB	±10	45	38.0	57.0	42.0	37.5	20.3	1.2	35	1575	26.4	4.5	117	400
EZPV70506MTB	±10	50	43.0	58.0	41.0	37.5	20.3	1.2	35	1750	28.2	4.8	132	400
EZPV70256MTC	±10	25	25.0	40.0	57.0	52.5	10.2	1.2	22	550	14.4	11.6	68	600
EZPV70306MTC	±10	30	30.0	51.0	57.5	52.5	10.2	1.2	22	660	16.8	11.6	91	200
EZPV70356MTC	±10	35	30.0	51.0	57.5	52.5	10.2	1.2	22	770	18.9	10.2	94	200
EZPV70406MTC	±10	40	30.0	51.0	57.5	52.5	20.3	1.2	22	880	20.9	9.1	97	200
EZPV70456MTC	±10	45	30.0	51.0	57.5	52.5	20.3	1.2	22	990	22.8	7.9	101	200
EZPV70506MTC	±10	50	30.0	51.0	57.5	52.5	20.3	1.2	22	1100	24.5	6.8	110	200
EZPV70556MTC	±10	55	35.0	50.0	57.5	52.5	20.3	1.2	22	1210	26.2	6.3	122	200
EZPV70606MTC	±10	60	35.0	56.0	57.5	52.5	20.3	1.2	22	1320	27.8	6.2	137	200
EZPV70656MTC	±10	65	35.0	64.5	57.5	52.5	20.3	1.2	22	1430	29.3	6.2	140	200

*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 @ 70℃ , 10kHz Use within limit for self heating temperature rise at capacitor surface.

*3 : 20 ℃、10 kHz

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

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Rating · Dimensions · Quantity

For industrial & infrastructure

■ Rated voltage [DC] : 800 V

Part No.	Cap. Tol. (%)	Cap. (μF)	Dimensions (mm)						dv/dt (V/μs)	Permissible current		ESR*3 (mΩ)	Mass (g)	Min. order Q'ty*4 (PCS)
			W	H	L	P1	P2	ø		Peak current*1 ($A_{0\text{-}P}$)	RMS current*2 (A rms)			
EZPV80905LTA	±10	9	20.5	41.5	31.0	27.5	-	0.8	35	315	12.3	12.6	30	800
NEW EZPV80905MTA	±10	9	20.5	41.5	31.0	27.5	10.2	0.8	35	315	12.3	12.6	30	800
EZPV80106LTA	±10	10	20.5	41.5	31.0	27.5	-	0.8	35	350	12.9	11.5	31	800
NEW EZPV80106MTA	±10	10	20.5	41.5	31.0	27.5	10.2	0.8	35	350	12.9	11.5	31	800
EZPV80116LTA	±10	11	20.5	41.5	31.0	27.5	-	0.8	35	385	13.6	10.6	32	800
NEW EZPV80116MTA	±10	11	20.5	41.5	31.0	27.5	10.2	0.8	35	385	13.6	10.6	32	800
EZPV80126LTA	±10	12	20.5	41.5	31.0	27.5	-	0.8	35	420	14.2	9.9	33	800
NEW EZPV80126MTA	±10	12	20.5	41.5	31.0	27.5	10.2	0.8	35	420	14.2	9.9	33	800
EZPV80136LTA	±10	13	26.0	41.0	31.0	27.5	-	1.0	35	455	14.7	9.2	42	600
NEW EZPV80136MTA	±10	13	26.0	41.0	31.0	27.5	10.2	1.0	35	455	14.7	9.2	42	600
EZPV80146LTA	±10	14	26.0	41.0	31.0	27.5	-	1.0	35	490	15.3	8.7	42	600
NEW EZPV80146MTA	±10	14	26.0	41.0	31.0	27.5	10.2	1.0	35	490	15.3	8.7	42	600
EZPV80186LTA	±10	18	22.0	53.5	31.0	27.5	-	1.2	35	630	17.3	7.8	54	600
NEW EZPV80186MTA	±10	18	22.0	53.5	31.0	27.5	10.2	1.2	35	630	17.3	7.8	54	600
EZPV80805LTB	±10	8	17.0	34.5	41.0	37.5	-	1.0	35	280	8.2	17.1	28	1200
EZPV80905LTB	±10	9	17.0	34.5	41.0	37.5	-	1.0	35	315	8.9	15.6	28	1200
EZPV80106LTB	±10	10	17.0	34.5	41.0	37.5	-	1.0	35	350	9.5	13.9	30	1200
EZPV80126LTB	±10	12	22.0	36.0	41.0	37.5	-	1.0	35	420	10.7	12.5	39	600
EZPV80156MTB	±10	15	22.0	36.0	41.0	37.5	10.2	1.0	35	525	13.0	10.2	42	600
EZPV80206MTB	±10	20	26.0	40.5	41.0	37.5	10.2	1.0	35	700	15.8	8.7	55	600
EZPV80256MTB	±10	25	30.0	50.5	41.0	37.5	10.2	1.0	35	875	18.3	8.7	70	400
EZPV80306MTB	±10	30	30.0	50.5	41.0	37.5	20.3	1.0	35	1050	20.6	7.1	74	400
EZPV80356MTB	±10	35	30.0	56.0	41.5	37.5	20.3	1.2	35	1225	22.7	5.5	86	400
EZPV80406MTB	±10	40	38.0	52.5	42.0	37.5	20.3	1.2	35	1400	24.6	5.1	108	400
EZPV80456MTB	±10	45	38.0	57.0	42.0	37.5	20.3	1.2	35	1575	26.4	4.5	117	400
EZPV80506MTB	±10	50	43.0	58.0	41.0	37.5	20.3	1.2	35	1750	28.2	4.8	132	400
EZPV80256MTC	±10	25	25.0	40.0	57.0	52.5	10.2	1.2	22	550	14.4	11.6	68	600
EZPV80306MTC	±10	30	30.0	51.0	57.5	52.5	10.2	1.2	22	660	16.8	11.6	91	200
EZPV80356MTC	±10	35	30.0	51.0	57.5	52.5	10.2	1.2	22	770	18.9	10.2	94	200
EZPV80406MTC	±10	40	30.0	51.0	57.5	52.5	20.3	1.2	22	880	20.9	9.1	97	200
EZPV80456MTC	±10	45	30.0	51.0	57.5	52.5	20.3	1.2	22	990	22.8	7.9	101	200
EZPV80506MTC	±10	50	30.0	51.0	57.5	52.5	20.3	1.2	22	1100	24.5	6.8	110	200
EZPV80556MTC	±10	55	35.0	50.0	57.5	52.5	20.3	1.2	22	1210	26.2	6.3	122	200
EZPV80606MTC	±10	60	35.0	56.0	57.5	52.5	20.3	1.2	22	1320	27.8	6.2	137	200
EZPV80656MTC	±10	65	35.0	64.5	57.5	52.5	20.3	1.2	22	1430	29.3	6.2	140	200

*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 @ 70℃ , 10kHz Use within limit for self heating temperature rise at capacitor surface.

*3 : 20 ℃、10 kHz

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

Design and specifications are each subject to change without notice. Ask factory for the current technical specifications before purchase and/or use.
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Rating · Dimensions · Quantity

For industrial & infrastructure

■ Rated voltage [DC]：1000 V **NEW**

Part No.	Cap. Tol. (%)	Cap. (μF)	Dimensions (mm)						dv/dt (V/μs)	Permissible current		ESR*3 (mΩ)	Mass (g)	Min. order Q'ty*4 (PCS)
			W	H	L	P1	P2	ø		Peak current*1 (A_{0-P})	RMS current*2 (A rms)			
EZPV1A305LTB	±10	3	15.0	29.0	41.0	37.5	-	1.0	50	150	4.4	30.8	22	1200
EZPV1A405LTB	±10	4	15.0	29.0	41.0	37.5	-	1.0	50	200	5.5	23.5	23	1200
EZPV1A475LTB	±10	4.7	17.0	34.5	41.0	37.5	-	1.0	50	235	6.2	21.7	28	1200
EZPV1A505LTB	±10	5	17.0	34.5	41.0	37.5	-	1.0	50	250	6.5	20.4	28	1200
EZPV1A605LTB	±10	6	17.0	34.5	41.0	37.5	-	1.0	50	300	7.3	17.5	29	1200
EZPV1A705MTB	±10	7	22.0	36.0	41.0	37.5	10.2	1.0	50	350	8.5	15.5	39	600
EZPV1A805MTB	±10	8	22.0	36.0	41.0	37.5	10.2	1.0	50	400	9.5	13.7	41	600
EZPV1A905MTB	±10	9	22.0	36.0	41.0	37.5	10.2	1.0	50	450	10.4	12.4	42	600
EZPV1A106MTB	±10	10	23.5	43.5	41.5	37.5	10.2	1.0	50	500	11.2	12.7	48	400
EZPV1A126MTB	±10	12	26.0	40.5	41.0	37.5	10.2	1.0	50	600	12.8	10.4	55	600
EZPV1A156MTB	±10	15	30.0	50.5	41.0	37.5	10.2	1.0	50	750	15.0	10.4	70	400
EZPV1A186MTB	±10	18	30.0	50.5	41.0	37.5	20.3	1.0	50	900	16.9	8.5	74	400
EZPV1A206MTB	±10	20	30.0	56.0	41.5	37.5	20.3	1.2	50	1000	18.1	7.2	82	400
EZPV1A256MTB	±10	25	38.0	52.5	42.0	37.5	20.3	1.2	50	1250	20.9	5.9	108	400
EZPV1A306MTB	±10	30	43.0	58.0	41.0	37.5	20.3	1.2	50	1500	23.4	5.7	132	400
EZPV1A156MTC	±10	15	25.0	40.0	57.0	52.5	10.2	1.2	30	450	10.6	13.7	67	600
EZPV1A206MTC	±10	20	35.5	45.5	57.5	52.5	10.2	1.2	30	600	12.2	11.2	106	200
EZPV1A256MTC	±10	25	35.5	45.5	57.5	52.5	20.3	1.2	30	750	13.6	9.1	111	200
EZPV1A306MTC	±10	30	35.0	50.0	57.5	52.5	20.3	1.2	30	900	14.9	9.9	116	200
EZPV1A356MTC	±10	35	35.0	56.0	57.5	52.5	20.3	1.2	30	1050	16.1	9.2	132	200
EZPV1A406MTC	±10	40	35.0	56.0	57.5	52.5	20.3	1.2	30	1200	17.2	7.8	138	200

*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 @ 70℃ , 10kHz　Use within limit for self heating temperature rise at capacitor surface.

*3：20 ℃、10 kHz

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

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.

Rating · Dimensions · Quantity

For industrial & infrastructure

■ Rated voltage [DC] : 1100 V

Part No.	Cap. Tol. (%)	Cap. (μF)	Dimensions (mm)						dv/dt (V/μs)	Permissible current		ESR*3 (mΩ)	Mass (g)	Min. order Q'ty*4 (PCS)
			W	H	L	P1	P2	ø		Peak current*1 (A_{0-P})	RMS current*2 (A rms)			
EZPV1B305LTB	±10	3	15.0	29.0	41.0	37.5	-	1.0	50	150	4.4	30.8	22	1200
EZPV1B405LTB	±10	4	15.0	29.0	41.0	37.5	-	1.0	50	200	5.5	23.5	23	1200
EZPV1B475LTB	±10	4.7	17.0	34.5	41.0	37.5	-	1.0	50	235	6.2	21.7	28	1200
EZPV1B505LTB	±10	5	17.0	34.5	41.0	37.5	-	1.0	50	250	6.5	20.4	28	1200
EZPV1B605LTB	±10	6	17.0	34.5	41.0	37.5	-	1.0	50	300	7.3	17.5	29	1200
EZPV1B705MTB	±10	7	22.0	36.0	41.0	37.5	10.2	1.0	50	350	8.5	15.5	39	600
EZPV1B805MTB	±10	8	22.0	36.0	41.0	37.5	10.2	1.0	50	400	9.5	13.7	41	600
EZPV1B905MTB	±10	9	22.0	36.0	41.0	37.5	10.2	1.0	50	450	10.4	12.4	42	600
EZPV1B106MTB	±10	10	23.5	43.5	41.5	37.5	10.2	1.0	50	500	11.2	12.7	48	400
EZPV1B126MTB	±10	12	26.0	40.5	41.0	37.5	10.2	1.0	50	600	12.8	10.4	55	600
EZPV1B156MTB	±10	15	30.0	50.5	41.0	37.5	10.2	1.0	50	750	15.0	10.4	70	400
EZPV1B186MTB	±10	18	30.0	50.5	41.0	37.5	20.3	1.0	50	900	16.9	8.5	74	400
EZPV1B206MTB	±10	20	30.0	56.0	41.5	37.5	20.3	1.2	50	1000	18.1	7.2	82	400
EZPV1B256MTB	±10	25	38.0	52.5	42.0	37.5	20.3	1.2	50	1250	20.9	5.9	108	400
EZPV1B306MTB	±10	30	43.0	58.0	41.0	37.5	20.3	1.2	50	1500	23.4	5.7	132	400
EZPV1B156MTC	±10	15	25.0	40.0	57.0	52.5	10.2	1.2	30	450	10.6	13.7	67	600
EZPV1B206MTC	±10	20	35.5	45.5	57.5	52.5	10.2	1.2	30	600	12.2	11.2	106	200
EZPV1B256MTC	±10	25	35.5	45.5	57.5	52.5	20.3	1.2	30	750	13.6	9.1	111	200
EZPV1B306MTC	±10	30	35.0	50.0	57.5	52.5	20.3	1.2	30	900	14.9	9.9	116	200
EZPV1B356MTC	±10	35	35.0	56.0	57.5	52.5	20.3	1.2	30	1050	16.1	9.2	132	200
EZPV1B406MTC	±10	40	35.0	56.0	57.5	52.5	20.3	1.2	30	1200	17.2	7.8	138	200

*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 @ 70℃ , 10kHz Use within limit for self heating temperature rise at capacitor surface.

*3 : 20 ℃、10 kHz

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

Rating · Dimensions · Quantity

For automotive

■ Rated voltage [DC] : 600 V

Part No.	Cap. Tol. (%)	Cap. (μF)	Dimensions (mm)						dv/dt (V/μs)	Permissible current		ESR*3 (mΩ)	Mass (g)	Min. order Q'ty*4 (PCS)
			W	H	L	P1	P2	ø		Peak current*1 (A_{0-P})	RMS current*2 (A rms)			
EZPV60106LTT	±10	10	15.0	29.0	41.0	37.5	-	1.0	25	250	8.6	16.9	22	1200
EZPV60126LTT	±10	12	15.0	29.0	41.0	37.5	-	1.0	25	300	9.2	14.3	23	1200
EZPV60156LTT	±10	15	17.0	34.5	41.0	37.5	-	1.0	25	375	10.0	12.8	28	1200
EZPV60206MTT	±10	20	22.0	36.0	41.0	37.5	10.2	1.0	25	500	11.9	10.4	39	600
EZPV60226MTT	±10	22	22.0	36.0	41.0	37.5	10.2	1.0	25	550	12.7	9.6	41	600
EZPV60256MTT	±10	25	22.0	36.0	41.0	37.5	10.2	1.0	25	625	13.8	8.6	42	600
EZPV60306MTT	±10	30	26.0	40.5	41.0	37.5	10.2	1.0	25	750	15.6	8.2	54	600
EZPV60356MTT	±10	35	26.0	40.5	41.0	37.5	10.2	1.0	25	875	17.2	7.1	55	600
EZPV60406MTT	±10	40	27.5	42.0	41.5	37.5	10.2	1.0	25	1000	18.7	6.5	59	600
EZPV60456MTT	±10	45	30.0	50.5	41.0	37.5	20.3	1.0	25	1125	20.1	6.2	71	400
EZPV60506MTT	±10	50	30.0	50.5	41.0	37.5	20.3	1.0	25	1250	21.5	5.3	74	400
EZPV60556MTT	±10	55	30.0	50.5	41.0	37.5	20.3	1.0	25	1375	22.0	4.5	81	400
EZPV60606MTT	±10	60	30.0	56.0	41.5	37.5	20.3	1.2	25	1500	22.5	4.1	85	400
EZPV60656MTT	±10	65	30.0	56.0	41.5	37.5	20.3	1.2	25	1625	23.0	3.6	88	400
EZPV60706MTT	±10	70	38.0	52.5	42.0	37.5	20.3	1.2	25	1750	23.4	3.6	108	400
EZPV60756MTT	±10	75	38.0	57.0	42.0	37.5	20.3	1.2	25	1875	23.8	4.1	109	400
EZPV60806MTT	±10	80	43.0	58.0	41.0	37.5	20.3	1.2	25	2000	24.3	3.9	129	400
EZPV60856MTT	±10	85	43.0	58.0	41.0	37.5	20.3	1.2	25	2125	24.7	3.7	132	400
EZPV60406MTS	±10	40	25.0	40.0	57.0	52.5	10.2	1.2	15	600	16.9	8.4	67	600
EZPV60456MTS	±10	45	25.0	40.0	57.0	52.5	10.2	1.2	15	675	18.0	7.6	68	600
EZPV60506MTS	±10	50	25.0	40.0	57.0	52.5	10.2	1.2	15	750	19.1	6.8	70	600
EZPV60556MTS	±10	55	30.0	51.0	57.5	52.5	10.2	1.2	15	825	20.1	8.0	92	200
EZPV60606MTS	±10	60	30.0	51.0	57.5	52.5	10.2	1.2	15	900	21.0	7.5	94	200
EZPV60656MTS	±10	65	30.0	51.0	57.5	52.5	20.3	1.2	15	975	21.9	7.0	95	200
EZPV60706MTS	±10	70	30.0	51.0	57.5	52.5	20.3	1.2	15	1050	22.8	6.6	97	200
EZPV60756MTS	±10	75	30.0	51.0	57.5	52.5	20.3	1.2	15	1125	23.6	5.5	101	200
EZPV60806MTS	±10	80	30.0	51.0	57.5	52.5	20.3	1.2	15	1200	24.5	4.9	108	200
EZPV60856MTS	±10	85	30.0	51.0	57.5	52.5	20.3	1.2	15	1275	25.3	4.6	110	200
EZPV60906MTS	±10	90	35.0	50.0	57.5	52.5	20.3	1.2	15	1350	26.0	4.7	121	200
EZPV60956MTS	±10	95	35.0	50.0	57.5	52.5	20.3	1.2	15	1425	26.8	5.2	122	200
EZPV60107MTS	±10	100	40.0	51.5	57.0	52.5	20.3	1.2	15	1500	27.5	5.1	145	200
EZPV60117MTS	±10	110	35.0	56.0	57.5	52.5	20.3	1.2	15	1650	28.9	4.8	138	200

*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 @ 70℃ , 10kHz Use within limit for self heating temperature rise at capacitor surface.

*3 : 20 ℃、10 kHz

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

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.

Rating · Dimensions · Quantity

For automotive

■ Rated voltage [DC] : 700 V **NEW**

Part No.	Cap. Tol. (%)	Cap. (μF)	Dimensions (mm)						dv/dt (V/μs)	Permissible current		ESR*3 (mΩ)	Mass (g)	Min. order Q'ty*4 (PCS)
			W	H	L	P1	P2	ø		Peak current*1 (A_{0-P})	RMS current*2 (A rms)			
EZPV70905LTU	±10	9	20.5	41.5	31.0	27.5	-	0.8	35	315	12.3	12.6	30	800
EZPV70905MTU	±10	9	20.5	41.5	31.0	27.5	10.2	0.8	35	315	12.3	12.6	30	800
EZPV70106LTU	±10	10	20.5	41.5	31.0	27.5	-	0.8	35	350	12.9	11.5	31	800
EZPV70106MTU	±10	10	20.5	41.5	31.0	27.5	10.2	0.8	35	350	12.9	11.5	31	800
EZPV70116LTU	±10	11	20.5	41.5	31.0	27.5	-	0.8	35	385	13.6	10.6	32	800
EZPV70116MTU	±10	11	20.5	41.5	31.0	27.5	10.2	0.8	35	385	13.6	10.6	32	800
EZPV70126LTU	±10	12	20.5	41.5	31.0	27.5	-	0.8	35	420	14.2	9.9	33	800
EZPV70126MTU	±10	12	20.5	41.5	31.0	27.5	10.2	0.8	35	420	14.2	9.9	33	800
EZPV70136LTU	±10	13	26.0	41.0	31.0	27.5	-	1.0	35	455	14.7	9.2	42	600
EZPV70136MTU	±10	13	26.0	41.0	31.0	27.5	10.2	1.0	35	455	14.7	9.2	42	600
EZPV70146LTU	±10	14	26.0	41.0	31.0	27.5	-	1.0	35	490	15.3	8.7	42	600
EZPV70146MTU	±10	14	26.0	41.0	31.0	27.5	10.2	1.0	35	490	15.3	8.7	42	600
EZPV70186LTU	±10	18	22.0	53.5	31.0	27.5	-	1.2	35	630	17.3	7.8	54	600
EZPV70186MTU	±10	18	22.0	53.5	31.0	27.5	10.2	1.2	35	630	17.3	7.8	54	600
EZPV70805LTT	±10	8	17.0	34.5	41.0	37.5	-	1.0	35	280	8.2	17.1	28	1200
EZPV70905LTT	±10	9	17.0	34.5	41.0	37.5	-	1.0	35	315	8.9	15.6	28	1200
EZPV70106LTT	±10	10	17.0	34.5	41.0	37.5	-	1.0	35	350	9.5	13.9	30	1200
EZPV70126LTT	±10	12	22.0	36.0	41.0	37.5	-	1.0	35	420	10.7	12.5	39	600
EZPV70156MTT	±10	15	22.0	36.0	41.0	37.5	10.2	1.0	35	525	13.0	10.2	42	600
EZPV70206MTT	±10	20	26.0	40.5	41.0	37.5	10.2	1.0	35	700	15.8	8.7	55	600
EZPV70256MTT	±10	25	30.0	50.5	41.0	37.5	10.2	1.0	35	875	18.3	8.7	70	400
EZPV70306MTT	±10	30	30.0	50.5	41.0	37.5	20.3	1.0	35	1050	20.6	7.1	74	400
EZPV70356MTT	±10	35	30.0	56.0	41.5	37.5	20.3	1.2	35	1225	22.7	5.5	86	400
EZPV70406MTT	±10	40	38.0	52.5	42.0	37.5	20.3	1.2	35	1400	24.6	5.1	108	400
EZPV70456MTT	±10	45	38.0	57.0	42.0	37.5	20.3	1.2	35	1575	26.4	4.5	117	400
EZPV70506MTT	±10	50	43.0	58.0	41.0	37.5	20.3	1.2	35	1750	28.2	4.8	132	400
EZPV70256MTS	±10	25	25.0	40.0	57.0	52.5	10.2	1.2	22	550	14.4	11.6	68	600
EZPV70306MTS	±10	30	30.0	51.0	57.5	52.5	10.2	1.2	22	660	16.8	11.6	91	200
EZPV70356MTS	±10	35	30.0	51.0	57.5	52.5	10.2	1.2	22	770	18.9	10.2	94	200
EZPV70406MTS	±10	40	30.0	51.0	57.5	52.5	20.3	1.2	22	880	20.9	9.1	97	200
EZPV70456MTS	±10	45	30.0	51.0	57.5	52.5	20.3	1.2	22	990	22.8	7.9	101	200
EZPV70506MTS	±10	50	30.0	51.0	57.5	52.5	20.3	1.2	22	1100	24.5	6.8	110	200
EZPV70556MTS	±10	55	35.0	50.0	57.5	52.5	20.3	1.2	22	1210	26.2	6.3	122	200
EZPV70606MTS	±10	60	35.0	56.0	57.5	52.5	20.3	1.2	22	1320	27.8	6.2	137	200
EZPV70656MTS	±10	65	35.0	64.5	57.5	52.5	20.3	1.2	22	1430	29.3	6.2	140	200

*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 @ 70℃ , 10kHz Use within limit for self heating temperature rise at capacitor surface.

*3 : 20 ℃、10 kHz

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

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.

Rating · Dimensions · Quantity

For automotive

■ Rated voltage [DC] : 800 V

Part No.	Cap. Tol. (%)	Cap. (μF)	Dimensions (mm)						dv/dt (V/μs)	Permissible current		ESR*3 (mΩ)	Mass (g)	Min. order Q'ty*4 (PCS)
			W	H	L	P1	P2	ø		Peak current*1 ($A_{0\text{-}P}$)	RMS current*2 (A rms)			
EZPV80905LTU	±10	9	20.5	41.5	31.0	27.5	-	0.8	35	315	12.3	12.6	30	800
NEW EZPV80905MTU	±10	9	20.5	41.5	31.0	27.5	10.2	0.8	35	315	12.3	12.6	30	800
EZPV80106LTU	±10	10	20.5	41.5	31.0	27.5	-	0.8	35	350	12.9	11.5	31	800
NEW EZPV80106MTU	±10	10	20.5	41.5	31.0	27.5	10.2	0.8	35	350	12.9	11.5	31	800
EZPV80116LTU	±10	11	20.5	41.5	31.0	27.5	-	0.8	35	385	13.6	10.6	32	800
NEW EZPV80116MTU	±10	11	20.5	41.5	31.0	27.5	10.2	0.8	35	385	13.6	10.6	32	800
EZPV80126LTU	±10	12	20.5	41.5	31.0	27.5	-	0.8	35	420	14.2	9.9	33	800
NEW EZPV80126MTU	±10	12	20.5	41.5	31.0	27.5	10.2	0.8	35	420	14.2	9.9	33	800
EZPV80136LTU	±10	13	26.0	41.0	31.0	27.5	-	1.0	35	455	14.7	9.2	42	600
NEW EZPV80136MTU	±10	13	26.0	41.0	31.0	27.5	10.2	1.0	35	455	14.7	9.2	42	600
EZPV80146LTU	±10	14	26.0	41.0	31.0	27.5	-	1.0	35	490	15.3	8.7	42	600
NEW EZPV80146MTU	±10	14	26.0	41.0	31.0	27.5	10.2	1.0	35	490	15.3	8.7	42	600
EZPV80186LTU	±10	18	22.0	53.5	31.0	27.5	-	1.2	35	630	17.3	7.8	54	600
NEW EZPV80186MTU	±10	18	22.0	53.5	31.0	27.5	10.2	1.2	35	630	17.3	7.8	54	600
EZPV80805LTT	±10	8	17.0	34.5	41.0	37.5	-	1.0	35	280	8.2	17.1	28	1200
EZPV80905LTT	±10	9	17.0	34.5	41.0	37.5	-	1.0	35	315	8.9	15.6	28	1200
EZPV80106LTT	±10	10	17.0	34.5	41.0	37.5	-	1.0	35	350	9.5	13.9	30	1200
EZPV80126LTT	±10	12	22.0	36.0	41.0	37.5	-	1.0	35	420	10.7	12.5	39	600
EZPV80156MTT	±10	15	22.0	36.0	41.0	37.5	10.2	1.0	35	525	13.0	10.2	42	600
EZPV80206MTT	±10	20	26.0	40.5	41.0	37.5	10.2	1.0	35	700	15.8	8.7	55	600
EZPV80256MTT	±10	25	30.0	50.5	41.0	37.5	10.2	1.0	35	875	18.3	8.7	70	400
EZPV80306MTT	±10	30	30.0	50.5	41.0	37.5	20.3	1.0	35	1050	20.6	7.1	74	400
EZPV80356MTT	±10	35	30.0	56.0	41.5	37.5	20.3	1.2	35	1225	22.7	5.5	86	400
EZPV80406MTT	±10	40	38.0	52.5	42.0	37.5	20.3	1.2	35	1400	24.6	5.1	108	400
EZPV80456MTT	±10	45	38.0	57.0	42.0	37.5	20.3	1.2	35	1575	26.4	4.5	117	400
EZPV80506MTT	±10	50	43.0	58.0	41.0	37.5	20.3	1.2	35	1750	28.2	4.8	132	400
EZPV80256MTS	±10	25	25.0	40.0	57.0	52.5	10.2	1.2	22	550	14.4	11.6	68	600
EZPV80306MTS	±10	30	30.0	51.0	57.5	52.5	10.2	1.2	22	660	16.8	11.6	91	200
EZPV80356MTS	±10	35	30.0	51.0	57.5	52.5	10.2	1.2	22	770	18.9	10.2	94	200
EZPV80406MTS	±10	40	30.0	51.0	57.5	52.5	20.3	1.2	22	880	20.9	9.1	97	200
EZPV80456MTS	±10	45	30.0	51.0	57.5	52.5	20.3	1.2	22	990	22.8	7.9	101	200
EZPV80506MTS	±10	50	30.0	51.0	57.5	52.5	20.3	1.2	22	1100	24.5	6.8	110	200
EZPV80556MTS	±10	55	35.0	50.0	57.5	52.5	20.3	1.2	22	1210	26.2	6.3	122	200
EZPV80606MTS	±10	60	35.0	56.0	57.5	52.5	20.3	1.2	22	1320	27.8	6.2	137	200
EZPV80656MTS	±10	65	35.0	64.5	57.5	52.5	20.3	1.2	22	1430	29.3	6.2	140	200

*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 @ 70℃ , 10kHz Use within limit for self heating temperature rise at capacitor surface.

*3 : 20 ℃、10 kHz

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

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.

Rating · Dimensions · Quantity

For automotive

■ Rated voltage [DC]：1000 V **NEW**

Part No.	Cap. Tol. (%)	Cap. (μF)	Dimensions (mm)						dv/dt (V/μs)	Permissible current		ESR*3 (mΩ)	Mass (g)	Min. order Q'ty*4 (PCS)
			W	H	L	P1	P2	ø		Peak current*1 (A_{0-P})	RMS current*2 (A rms)			
EZPV1A305LTT	±10	3	15.0	29.0	41.0	37.5	-	1.0	50	150	4.4	30.8	22	1200
EZPV1A405LTT	±10	4	15.0	29.0	41.0	37.5	-	1.0	50	200	5.5	23.5	23	1200
EZPV1A475LTT	±10	4.7	17.0	34.5	41.0	37.5	-	1.0	50	235	6.2	21.7	28	1200
EZPV1A505LTT	±10	5	17.0	34.5	41.0	37.5	-	1.0	50	250	6.5	20.4	28	1200
EZPV1A605LTT	±10	6	17.0	34.5	41.0	37.5	-	1.0	50	300	7.3	17.5	29	1200
EZPV1A705MTT	±10	7	22.0	36.0	41.0	37.5	10.2	1.0	50	350	8.5	15.5	39	600
EZPV1A805MTT	±10	8	22.0	36.0	41.0	37.5	10.2	1.0	50	400	9.5	13.7	41	600
EZPV1A905MTT	±10	9	22.0	36.0	41.0	37.5	10.2	1.0	50	450	10.4	12.4	42	600
EZPV1A106MTT	±10	10	23.5	43.5	41.5	37.5	10.2	1.0	50	500	11.2	12.7	48	400
EZPV1A126MTT	±10	12	26.0	40.5	41.0	37.5	10.2	1.0	50	600	12.8	10.4	55	600
EZPV1A156MTT	±10	15	30.0	50.5	41.0	37.5	10.2	1.0	50	750	15.0	10.4	70	400
EZPV1A186MTT	±10	18	30.0	50.5	41.0	37.5	20.3	1.0	50	900	16.9	8.5	74	400
EZPV1A206MTT	±10	20	30.0	56.0	41.5	37.5	20.3	1.2	50	1000	18.1	7.2	82	400
EZPV1A256MTT	±10	25	38.0	52.5	42.0	37.5	20.3	1.2	50	1250	20.9	5.9	108	400
EZPV1A306MTT	±10	30	43.0	58.0	41.0	37.5	20.3	1.2	50	1500	23.4	5.7	132	400
EZPV1A156MTS	±10	15	25.0	40.0	57.0	52.5	10.2	1.2	30	450	10.6	13.7	67	600
EZPV1A206MTS	±10	20	35.5	45.5	57.5	52.5	10.2	1.2	30	600	12.2	11.2	106	200
EZPV1A256MTS	±10	25	35.5	45.5	57.5	52.5	20.3	1.2	30	750	13.6	9.1	111	200
EZPV1A306MTS	±10	30	35.0	50.0	57.5	52.5	20.3	1.2	30	900	14.9	9.9	116	200
EZPV1A356MTS	±10	35	35.0	56.0	57.5	52.5	20.3	1.2	30	1050	16.1	9.2	132	200
EZPV1A406MTS	±10	40	35.0	56.0	57.5	52.5	20.3	1.2	30	1200	17.2	7.8	138	200

*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 @ 70℃ , 10kHz　Use within limit for self heating temperature rise at capacitor surface.

*3：20 ℃、10 kHz

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

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Rating · Dimensions · Quantity

For automotive

■ Rated voltage [DC] : 1100 V

Part No.	Cap. Tol. (%)	Cap. (μF)	Dimensions (mm)						dv/dt (V/μs)	Permissible current		ESR*3 (mΩ)	Mass (g)	Min. order Q'ty*4 (PCS)
			W	H	L	P1	P2	ø		Peak current*1 (A_{0-P})	RMS current*2 (A rms)			
EZPV1B305LTT	±10	3	15.0	29.0	41.0	37.5	-	1.0	50	150	4.4	30.8	22	1200
EZPV1B405LTT	±10	4	15.0	29.0	41.0	37.5	-	1.0	50	200	5.5	23.5	23	1200
EZPV1B475LTT	±10	4.7	17.0	34.5	41.0	37.5	-	1.0	50	235	6.2	21.7	28	1200
EZPV1B505LTT	±10	5	17.0	34.5	41.0	37.5	-	1.0	50	250	6.5	20.4	28	1200
EZPV1B605LTT	±10	6	17.0	34.5	41.0	37.5	-	1.0	50	300	7.3	17.5	29	1200
EZPV1B705MTT	±10	7	22.0	36.0	41.0	37.5	10.2	1.0	50	350	8.5	15.5	39	600
EZPV1B805MTT	±10	8	22.0	36.0	41.0	37.5	10.2	1.0	50	400	9.5	13.7	41	600
EZPV1B905MTT	±10	9	22.0	36.0	41.0	37.5	10.2	1.0	50	450	10.4	12.4	42	600
EZPV1B106MTT	±10	10	23.5	43.5	41.5	37.5	10.2	1.0	50	500	11.2	12.7	48	400
EZPV1B126MTT	±10	12	26.0	40.5	41.0	37.5	10.2	1.0	50	600	12.8	10.4	55	600
EZPV1B156MTT	±10	15	30.0	50.5	41.0	37.5	10.2	1.0	50	750	15.0	10.4	70	400
EZPV1B186MTT	±10	18	30.0	50.5	41.0	37.5	20.3	1.0	50	900	16.9	8.5	74	400
EZPV1B206MTT	±10	20	30.0	56.0	41.5	37.5	20.3	1.2	50	1000	18.1	7.2	82	400
EZPV1B256MTT	±10	25	38.0	52.5	42.0	37.5	20.3	1.2	50	1250	20.9	5.9	108	400
EZPV1B306MTT	±10	30	43.0	58.0	41.0	37.5	20.3	1.2	50	1500	23.4	5.7	132	400
EZPV1B156MTS	±10	15	25.0	40.0	57.0	52.5	10.2	1.2	30	450	10.6	13.7	67	600
EZPV1B206MTS	±10	20	35.5	45.5	57.5	52.5	10.2	1.2	30	600	12.2	11.2	106	200
EZPV1B256MTS	±10	25	35.5	45.5	57.5	52.5	20.3	1.2	30	750	13.6	9.1	111	200
EZPV1B306MTS	±10	30	35.0	50.0	57.5	52.5	20.3	1.2	30	900	14.9	9.9	116	200
EZPV1B356MTS	±10	35	35.0	56.0	57.5	52.5	20.3	1.2	30	1050	16.1	9.2	132	200
EZPV1B406MTS	±10	40	35.0	56.0	57.5	52.5	20.3	1.2	30	1200	17.2	7.8	138	200

*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 @ 70℃ , 10kHz Use within limit for self heating temperature rise at capacitor surface.

*3 : 20 ℃、10 kHz

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

Characteristics data

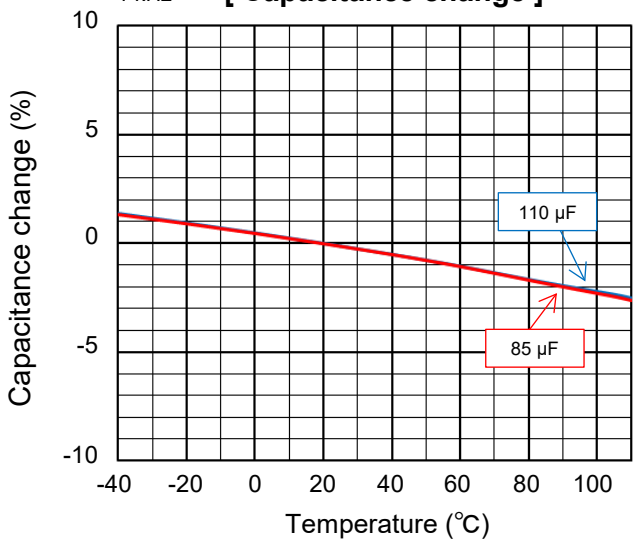
■ **Rated voltage [DC] : 600 V**

Electrical characteristics <Typical data >

Temperature characteristics

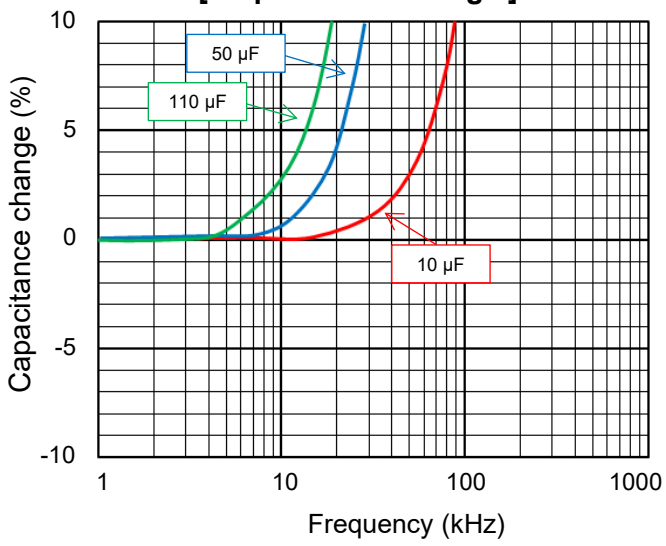
at 1 kHz

[Capacitance change]



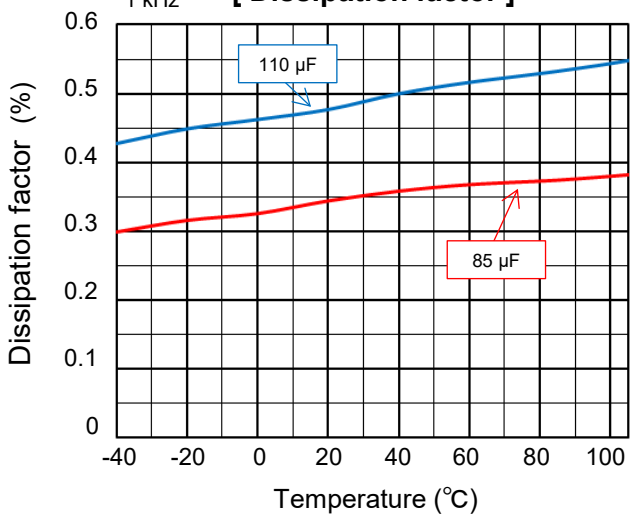
Frequency characteristics

[Capacitance change]

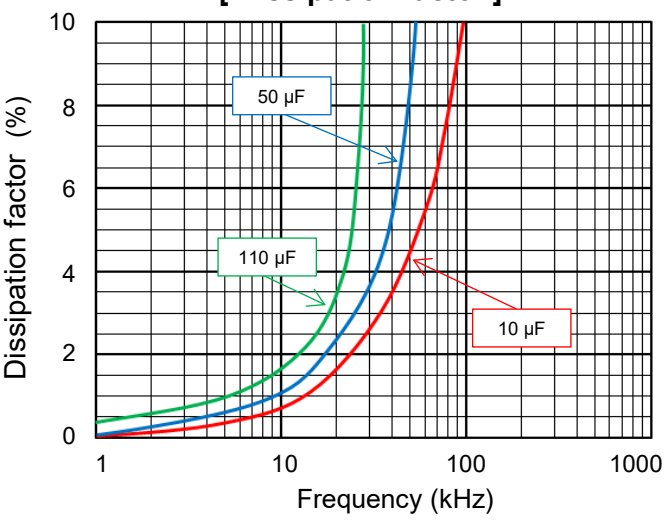


at 1 kHz

[Dissipation factor]

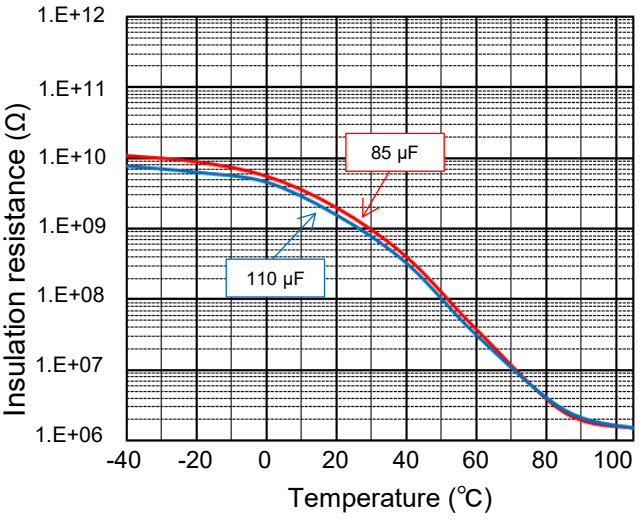


[Dissipation factor]

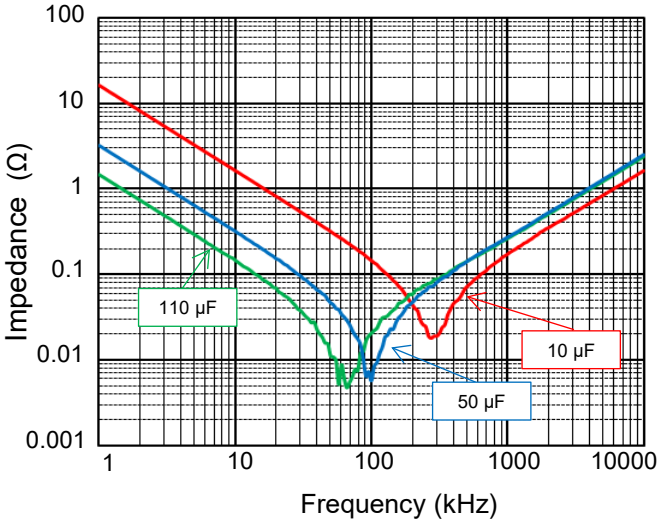


at DC 100 V

[Insulation resistance]



[Impedance characteristics]



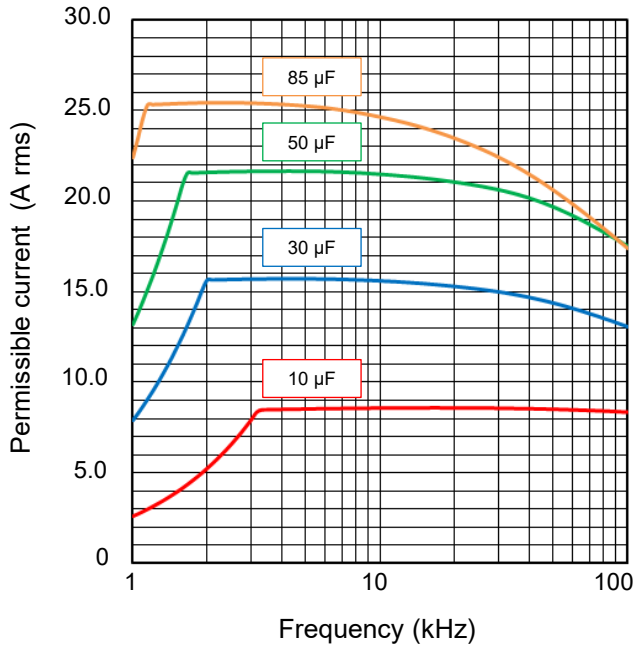
Characteristics data

■ **Rated voltage [DC] : 600 V**

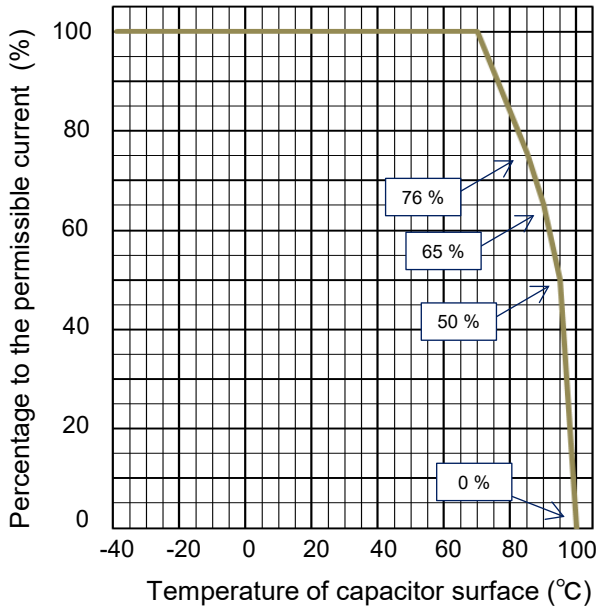
Applicable specifications

[Permissible Current]

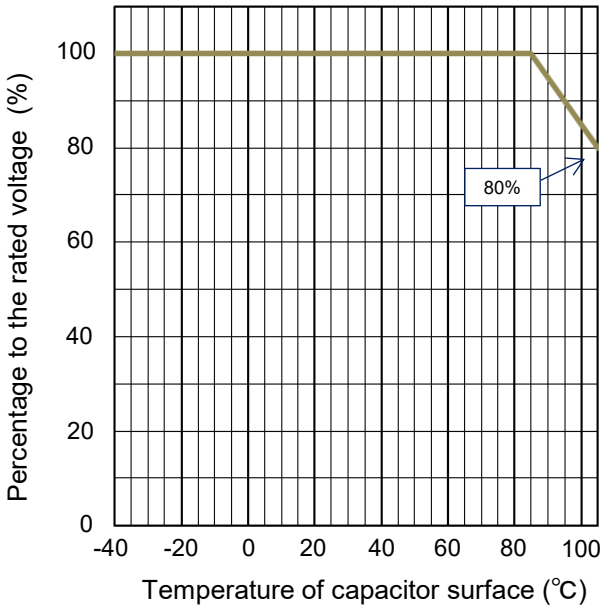
Lead pitch 37.5 mm



[Permissible Current Derating by Temperature]

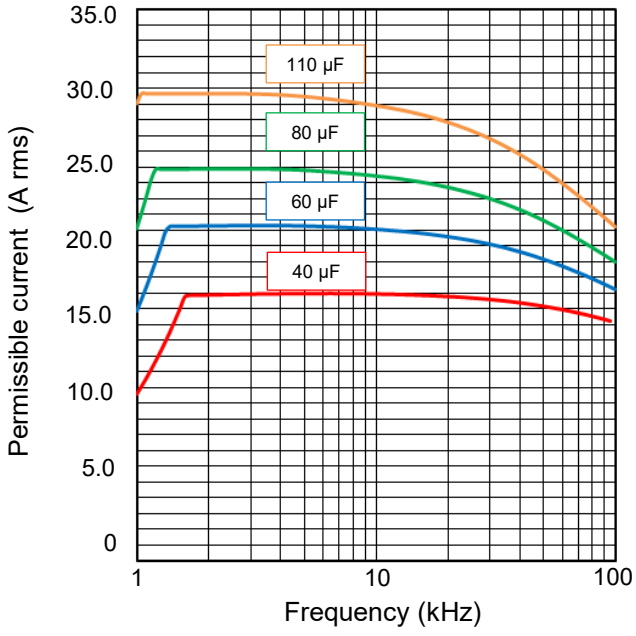


[Voltage Derating by Temperature]



[Permissible Current]

Lead pitch 52.5 mm



Permissible pulse current (dV/dt)
(Max. 10000 cycles)

R. voltage [DC] (V)	Pitch (mm)	Capacitance (μF)	Code	dV/dt (V/μs)	Current (Ao-p)
600	37.5	10.0	106	25	250.0
		30.0	306		750.0
		50.0	506		1250.0
		70.0	706		1750.0
		85.0	856		2125.0
	52.5	40.0	406	15	600.0
		60.0	606		900.0
		80.0	806		1200.0
		110.0	117		1650.0

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Characteristics data

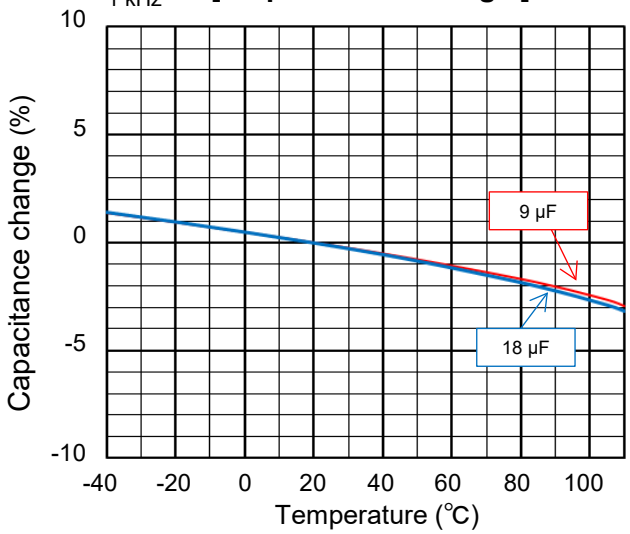
■ **Rated voltage [DC] : 700 V / 800 V (Lead pitch 27.5 mm)**

Electrical characteristics <Typical data >

Temperature characteristics

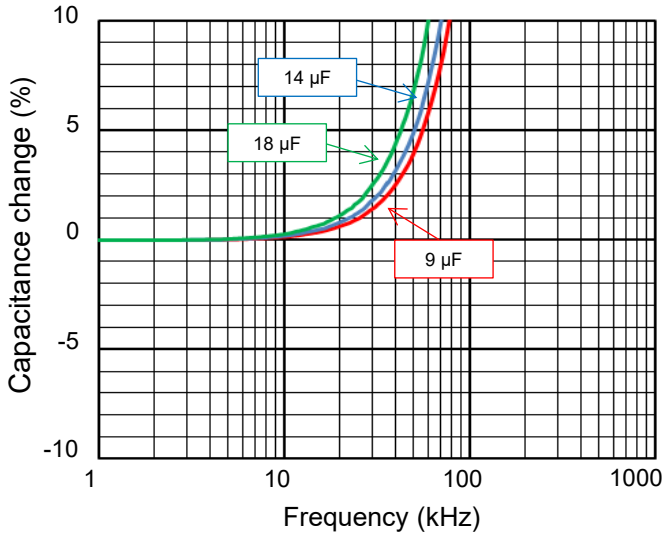
at 1 kHz

[Capacitance change]



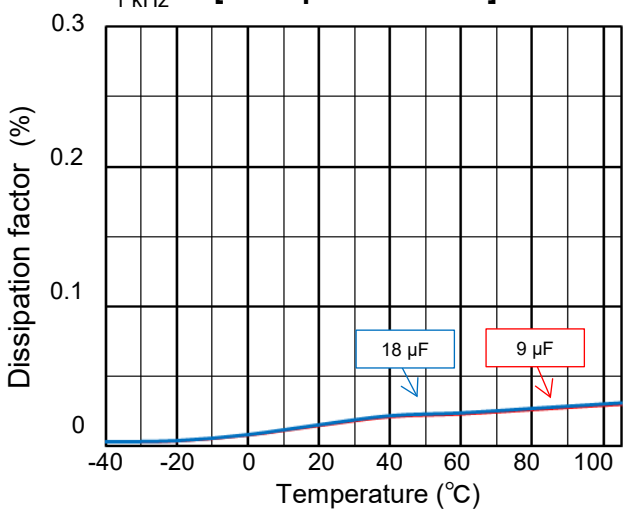
Frequency characteristics

[Capacitance change]

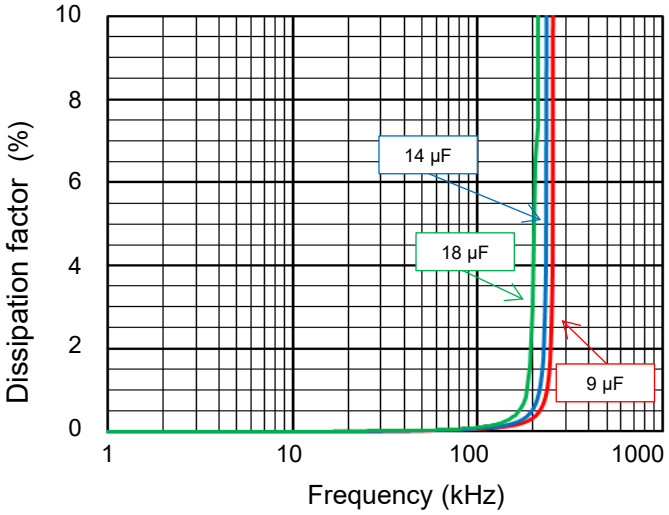


at 1 kHz

[Dissipation factor]

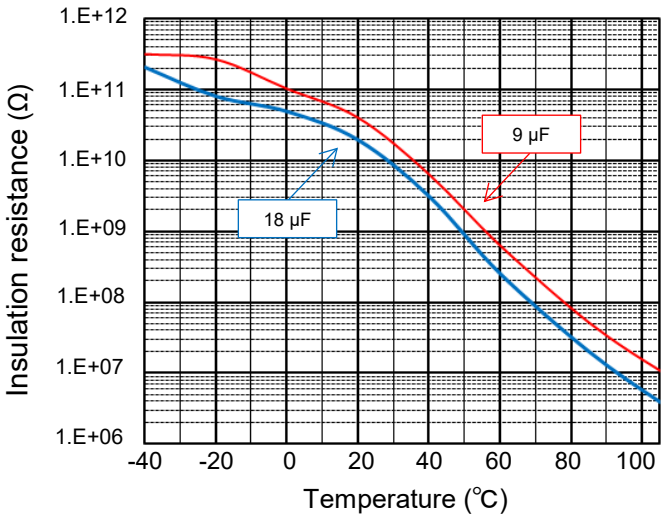


[Dissipation factor]

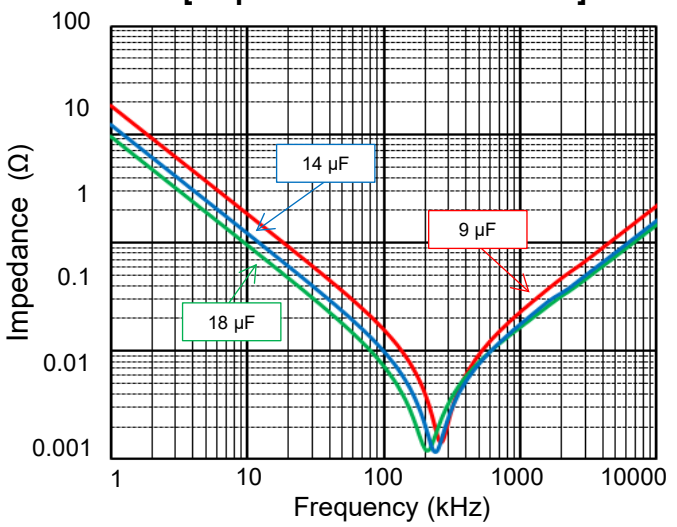


at DC 100 V

[Insulation resistance]



[Impedance characteristics]



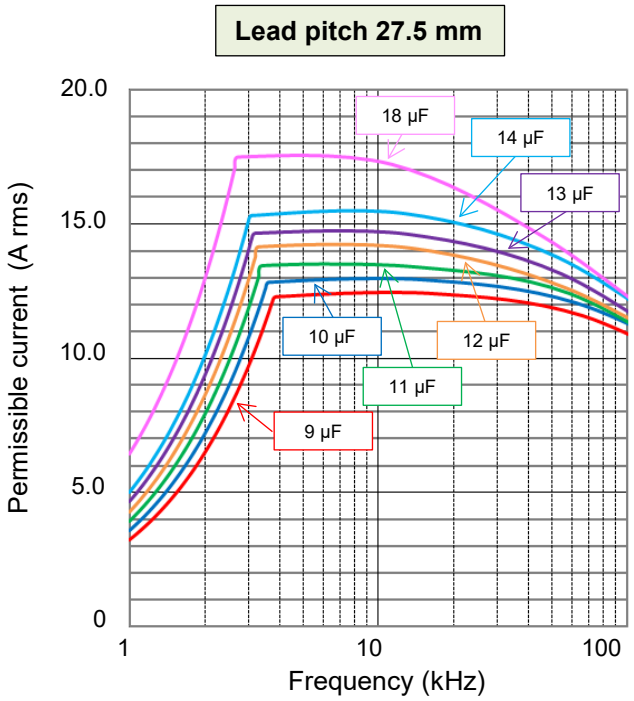
Design and specifications are each subject to change without notice. Ask factory for the current technical specifications before purchase and/or use.
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Characteristics data

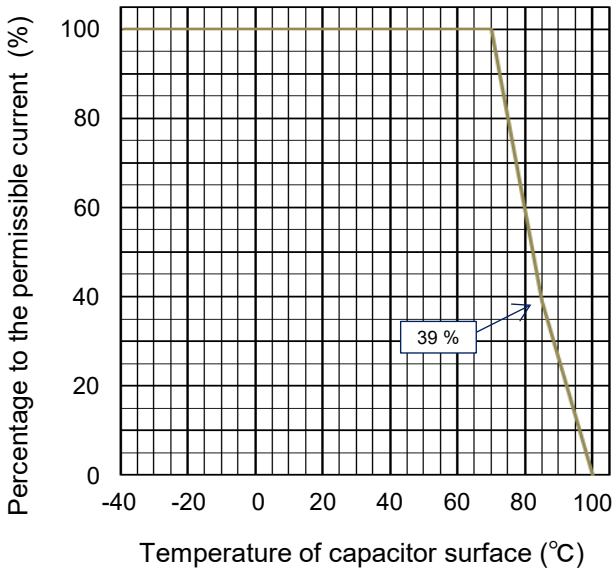
■ **Rated voltage [DC] : 700 V / 800 V (Lead pitch 27.5 mm)**

Applicable specifications

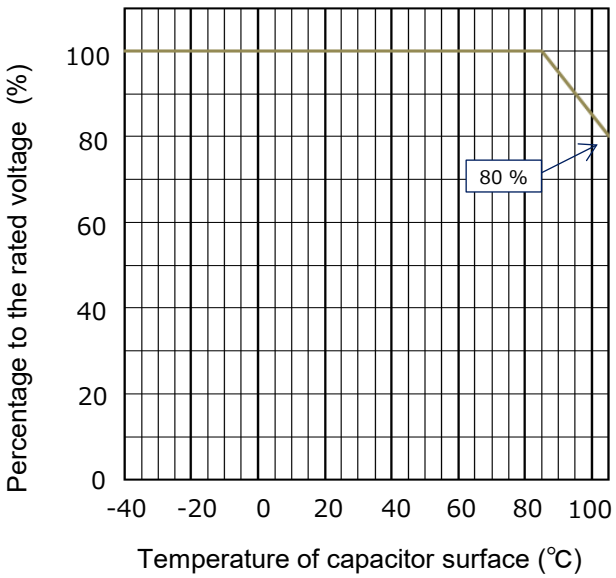
[Permissible Current]



[Permissible Current Derating by Temperature]



[Voltage Derating by Temperature]



Permissible pulse current (dV/dt)
(Max. 10000 cycles)

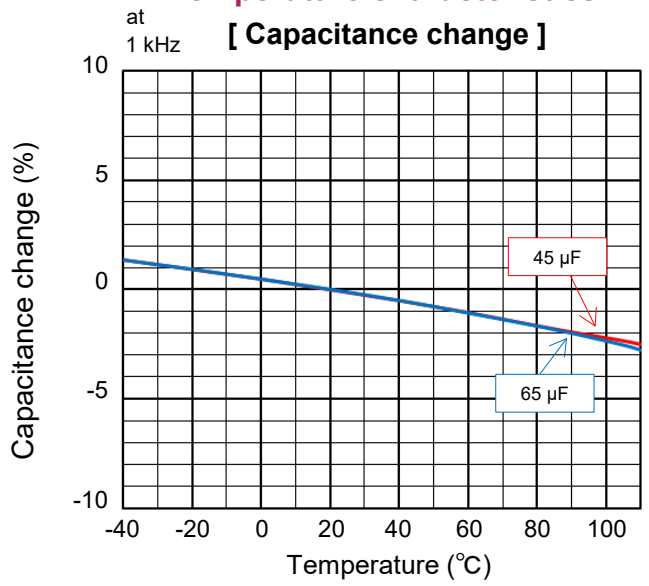
R. voltage [DC] (V)	Pitch (mm)	Capacitance (μF)	Code	dV/dt (V/μs)	Current (Ao-p)
700 / 800	27.5	9.0	905	35	315.0
		10.0	106		350.0
		11.0	116		385.0
		12.0	126		420.0
		13.0	136		455.0
		14.0	146		490.0
		18.0	186		630.0

Characteristics data

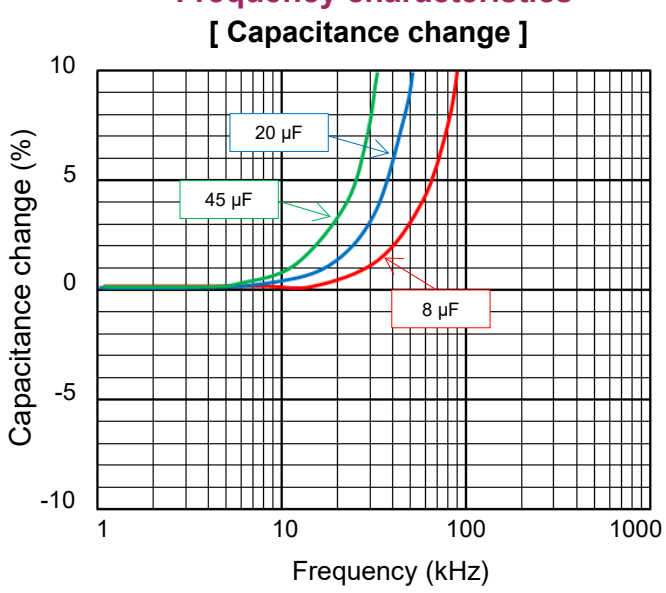
■ **Rated voltage [DC] : 700 V / 800 V (Lead pitch 37.5 / 52.5 mm)**

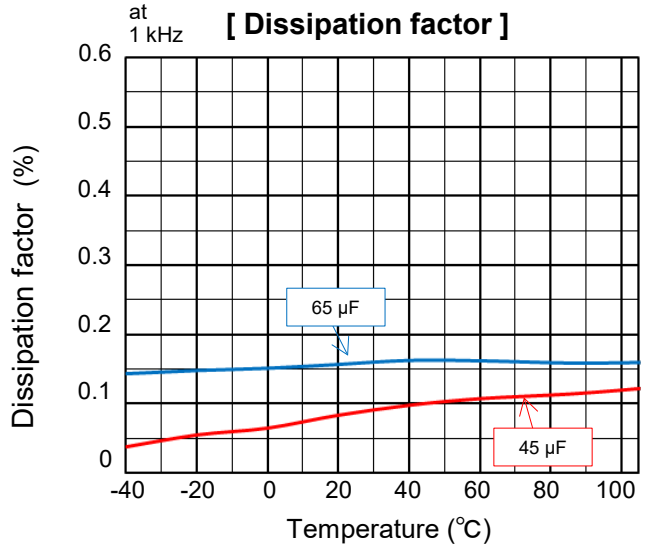
Electrical characteristics <Typical data >

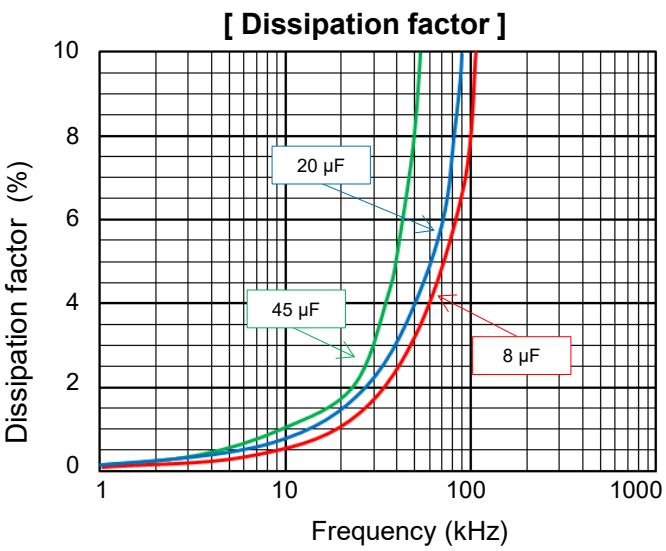
Temperature characteristics

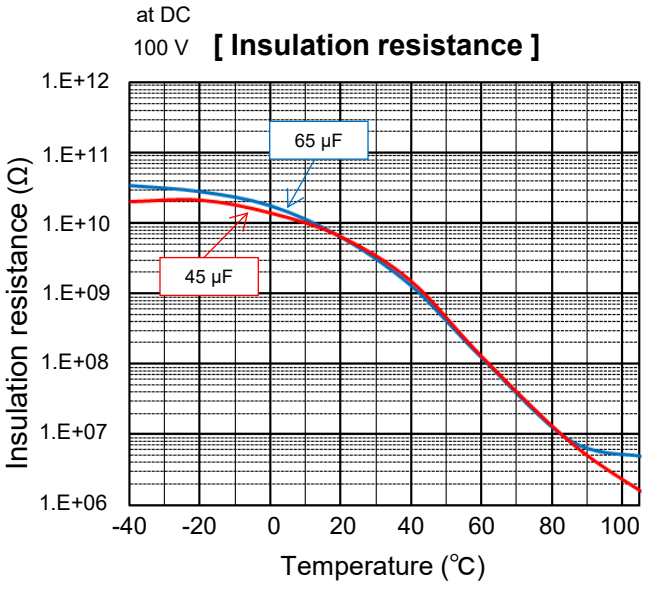


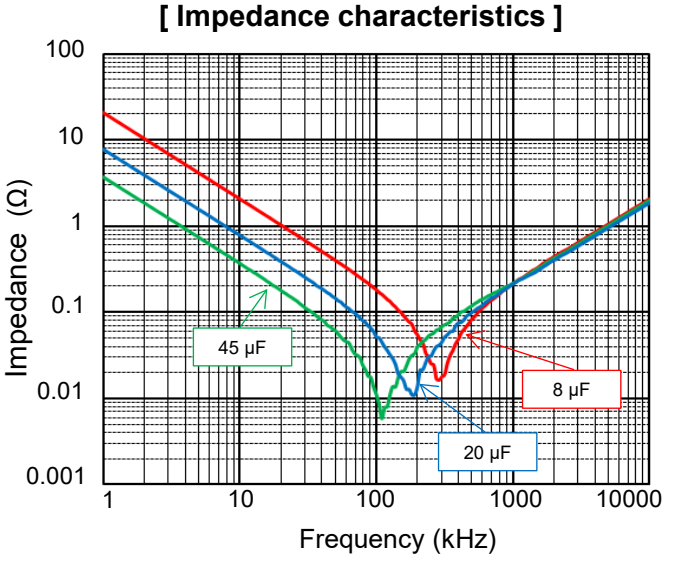
Frequency characteristics











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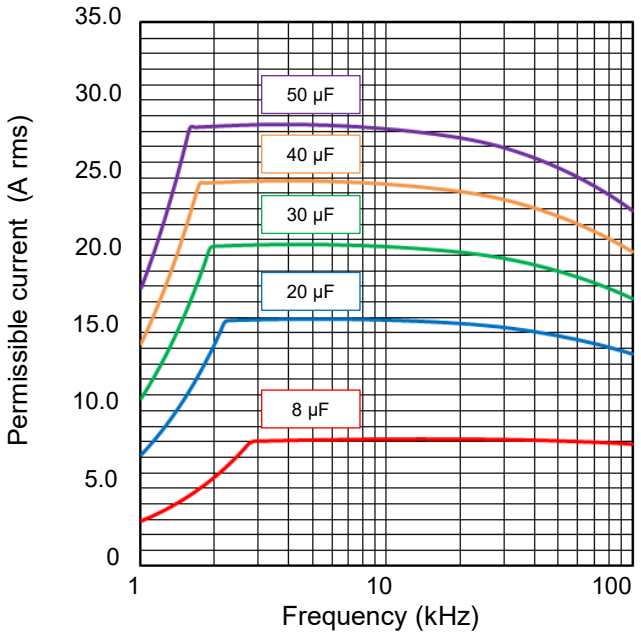
Characteristics data

■ **Rated voltage [DC] : 700 V / 800 V (Lead pitch 37.5 / 52.5 mm)**

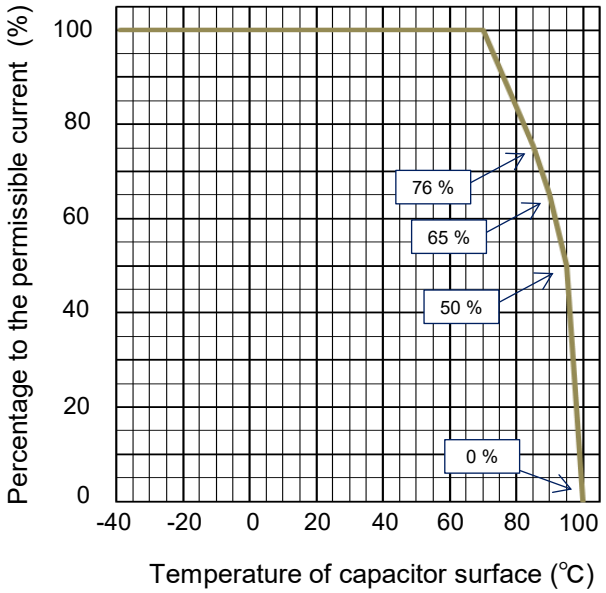
Applicable specifications

[Permissible Current]

Lead pitch 37.5 mm

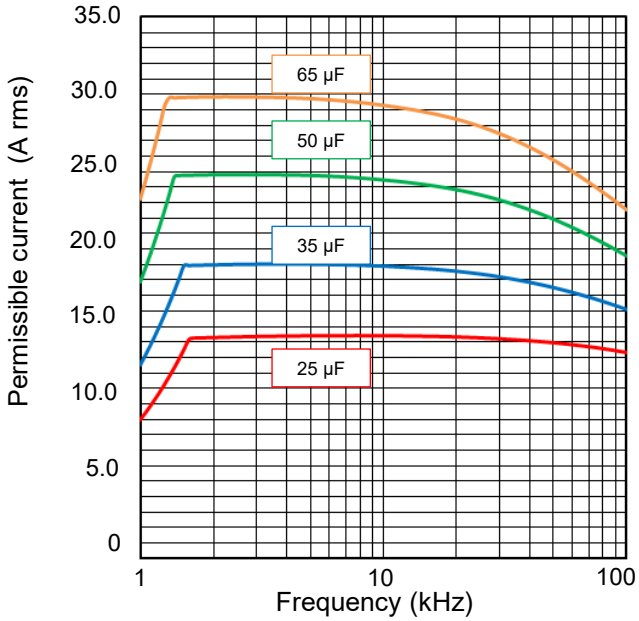


[Permissible Current Derating by Temperature]

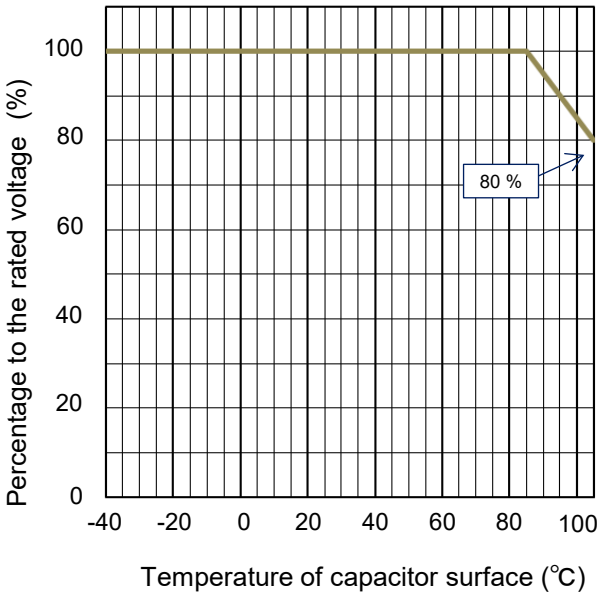


[Permissible Current]

Lead pitch 52.5 mm



[Voltage Derating by Temperature]



Permissible pulse current (dV/dt)
(Max. 10000 cycles)

R. voltage [DC] (V)	Pitch (mm)	Capacitance (μF)	Code	dV/dt (V/μs)	Current (Ao-p)
700 / 800	37.5	8.0	805	35	280.0
		20.0	206		700.0
		30.0	306		1050.0
		40.0	406		1400.0
		50.0	506		1750.0
	52.5	25.0	256	22	550.0
		35.0	356		770.0
		50.0	506		1100.0
		65.0	656		1430.0

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Should a safety concern arise regarding this product, please be sure to contact us immediately.

Characteristics data

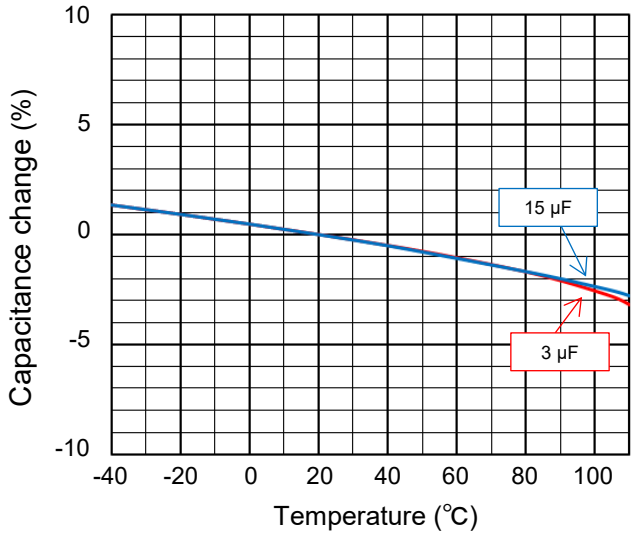
■ **Rated voltage [DC] : 1000 V / 1100 V**

Electrical characteristics <Typical data >

Temperature characteristics

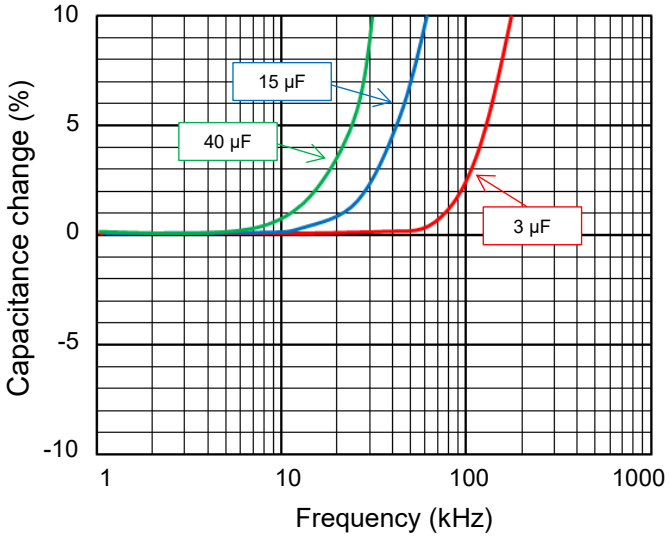
at 1 kHz

[Capacitance change]



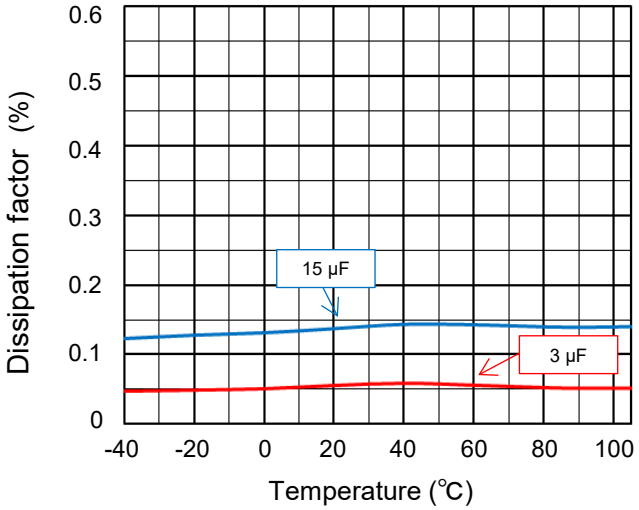
Frequency characteristics

[Capacitance change]

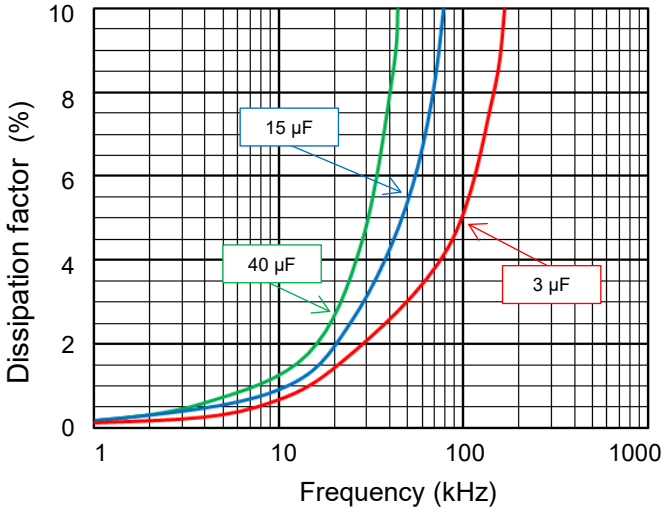


at 1 kHz

[Dissipation factor]

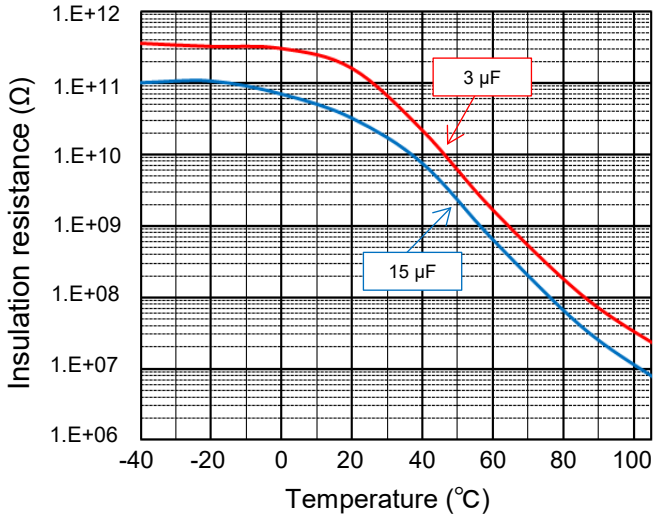


[Dissipation factor]

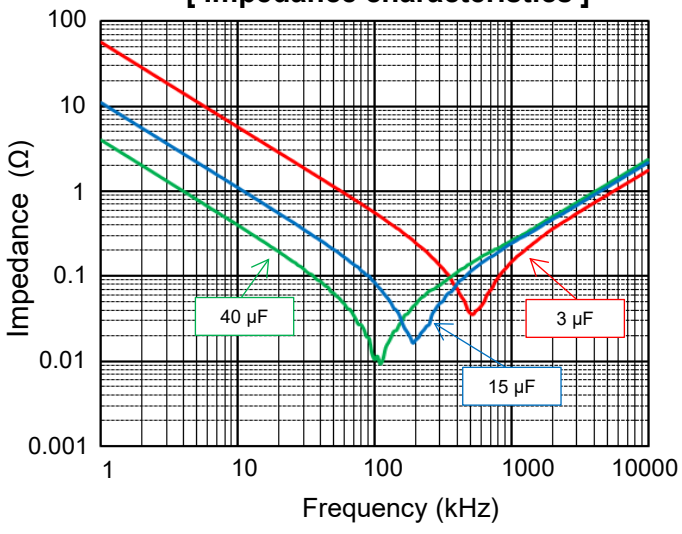


at DC 100 V

[Insulation resistance]



[Impedance characteristics]



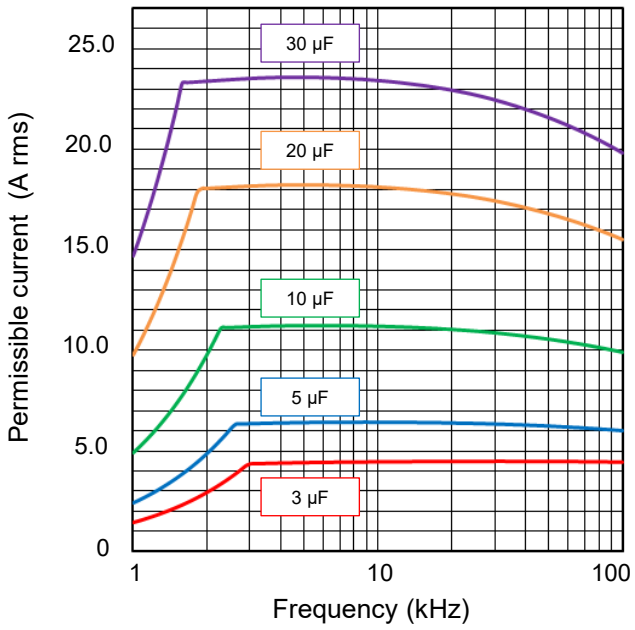
Characteristics data

■ **Rated voltage [DC] : 1000 V / 1100 V**

Applicable specifications

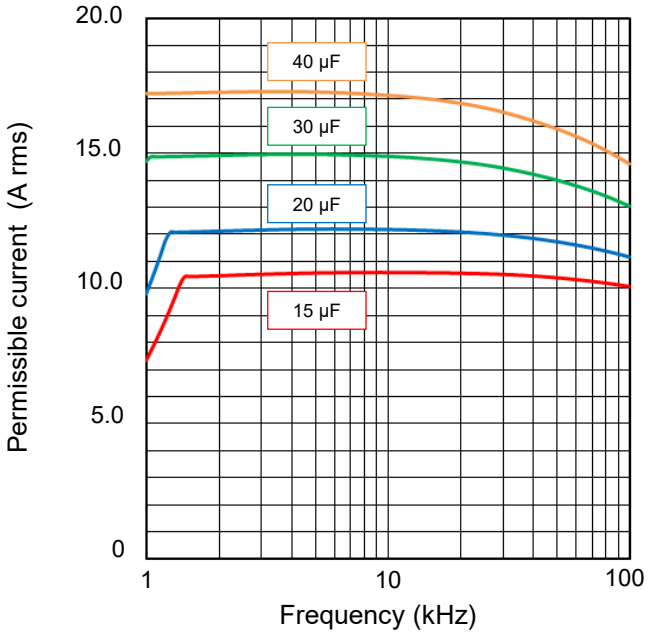
[Permissible Current]

Lead pitch 37.5 mm

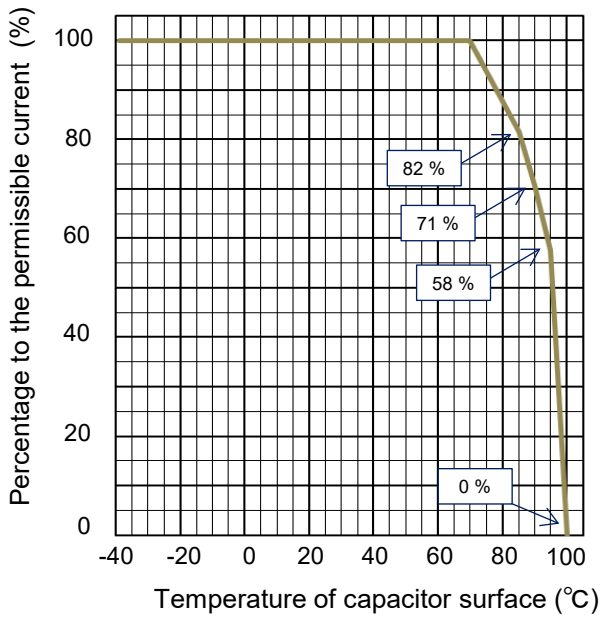


[Permissible Current]

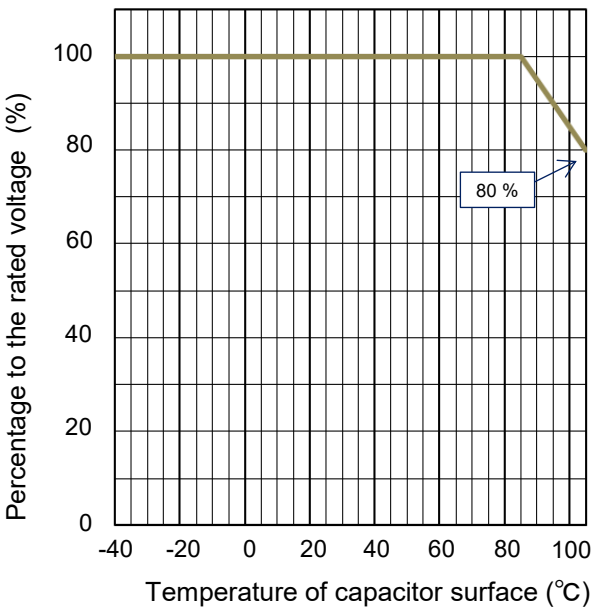
Lead pitch 52.5 mm



[Permissible Current Derating by Temperature]



[Voltage Derating by Temperature]



Permissible pulse current (dV/dt)
(Max. 10000 cycles)

R. voltage [DC] (V)	Pitch (mm)	Capacitance (μF)	Code	dV/dt (V/μs)	Current (Ao-p)
1000 / 1100	37.5	3.0	305	50	150.0
		5.0	505		250.0
		10.0	106		500.0
		20.0	206		1000.0
		30.0	306		1500.0
	52.5	15.0	156	30	450.0
		20.0	206		600.0
		30.0	306		900.0
		40.0	406		1200.0

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.

Guidelines and precautions regarding the technical information and use of our products described in this online catalog.

- If you want to use our products described in this online catalog for applications requiring special qualities or reliability, or for applications where the failure or malfunction of the products may directly jeopardize human life or potentially cause personal injury (e.g. aircraft and aerospace equipment, traffic and transportation equipment, combustion equipment, medical equipment, accident prevention, anti-crime equipment, and/or safety equipment), it is necessary to verify whether the specifications of our products fit to such applications. Please ensure that you will ask and check with our inquiry desk as to whether the specifications of our products fit to such applications use before you use our products.

- The quality and performance of our products as described in this online catalog only apply to our products when used in isolation. Therefore, please ensure you evaluate and verify our products under the specific circumstances in which our products are assembled in your own products and in which our products will actually be used.

- If you use our products in equipment that requires a high degree of reliability, regardless of the application, it is recommended that you set up protection circuits and redundancy circuits in order to ensure safety of your equipment.

- The products and product specifications described in this online catalog are subject to change for improvement without prior notice. Therefore, please be sure to request and confirm the latest product specifications which explain the specifications of our products in detail, before you finalize the design of your applications, purchase, or use our products.

- The technical information in this online catalog provides examples of our products' typical operations and application circuits. We do not guarantee the non-infringement of third party's intellectual property rights and we do not grant any license, right, or interest in our intellectual property.

- If any of our products, product specifications and/or technical information in this online catalog is to be exported or provided to non-residents, the laws and regulations of the exporting country, especially with regard to security and export control, shall be observed.

<Regarding the Certificate of Compliance with the EU RoHS Directive/REACH Regulations>

- The switchover date for compliance with the RoHS Directive/REACH Regulations varies depending on the part number or series of our products.

- When you use the inventory of our products for which it is unclear whether those products are compliant with the RoHS Directive/REACH Regulation, please select "Sales Inquiry" in the website inquiry form and contact us.

We do not take any responsibility for the use of our products outside the scope of the specifications, descriptions, guidelines and precautions described in this online catalog.

PRECAUTION AND WARNING

- Please consult us in case that demand the specification of our company without fail and do the confirmation of the use condition and that exceeds the entry value and be indistinct when you use it.
- The film capacitors contain a film based dielectric which may be flammable under certain operating conditions. When in use, they can either emit smoke and/or ignite should the product be defective. It is recommended covering the surrounding resin with flame-resistant materials or case as needed particularly.
- In the event of troubles of other parts on the circuit such as shortening and opening, provide with proper means for preventing excessive voltage, current or temperature exceeding the rating from being applied to the film capacitor.
- Prior to use, please make sure that failure of the film capacitors does not have any negative effects on other preventing electronic circuit components and devices that would possibly cause damage. Proper safety measures should be taken using fail-safe protective circuit designs to help prevent other devices of becoming unsafe.
  Example:
  a . State in which basic performance of automobiles (run, turn and stop)
  b . False operations
  c . Smoke emission/ignitions
- The Film Capacitor listed in this catalog(except for automotive series) are designed and manufactured specifically for general electronic devices, including audio-video equipment, home appliance, office equipment and data communication equipment etc.. Accordingly, it is strongly recommended that the user contact us in advance it the parts are to be used for the following devices(items 1 -12), which require having advanced security measures.
  The capacitor for automotive can be used for automobiles such as xEV.

  (1) Transport equipment (motor vehicles, airplanes, trains, ships, traffic signal controllers)
  (2) Medical equipment (life-support equipment, pacemakers for the heart, dialysis controllers)
  (3) Aircraft equipment, Aerospace Equipment (airplanes, artificial satellites, rockets, etc.)
  (4) Submarine equipment (submarine repeating equipment, etc.)
  (5) Generation control equipment (equipment for atomic/hydraulic/heat power plants)
  (6) Information processing equipment (large scale computer system)
  (7) Electric heating appliance, Burning apparatus
  (8) Rotary motion equipment
  (9) Security systems
  (10) Robots
  (11) Lighting equipment
  (12) And any similar types of equipment
- If used in a specific appliance that requires an extremely high reliability directly relating with any life-supporting equipment like electronic aviation controllers, automotive driving controllers and engine controllers, please consult us and use within the conditions designated in the specification. However the chip type capacitor should not be used in these appliances.

Note:

1. Technical information in this catalog is intended to convey examples of typical performances and/or applications, and is not intended to convey patents rights, if any.
2. For the products, which are controlled items subject to the Foreign Exchange and Foreign Trade Control Law, the export permission according to the Law is necessary.
3. Note of ozone depleting substances of class1 (ODS) under the Montreal Protocol is used in manufacturing process of Device Solutions Business Division, Panasonic Industry Co., Ltd.

■ AEC-Q200 compliant

The products are tested based on all or part of the test conditions and methods defined in AEC-Q200.
Please consult with Panasonic for the details of the product specification and specific evaluation test results, etc., and please review and approve Panasonic's product specification before ordering.

✻ Intellectual property right

We, Panasonic Group are providing the product and service that customers can use without anxiety, working positively on the protection of our products under intellectual property rights.

Representative patents relating to xEV Film capacitors are as follows :

US Paten No.7027286, No.8315031, No.8861177, No.9240279, No.10475585
JP Patent No.4784464, No.4930099, No.4946618, No.5391797