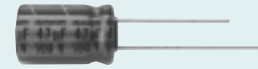


# ME-PX Series

125°C, 4,000Hrs.

High Performance

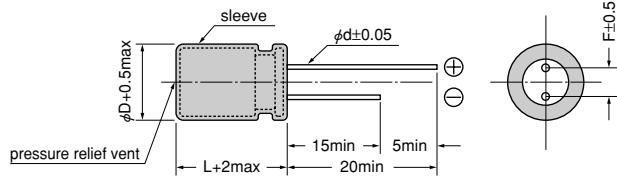


- 125°C, 2,000 to 4,000hrs.
- Solvent proof (within 5 minutes)

## Specifications

Items	Condition	Specifications						
Rated voltage (V)	—	10	16	25	35	50	100	
Surge voltage (V)	Room temperature	13	20	32	44	63	125	
Category temperature range (°C)	—	-55 to +125						
Capacitance tolerance (%)	120Hz/20°C	M : ±20						
Dissipation Factor (tanδ)	120Hz/20°C	0.20	0.16	0.14	0.12	0.10	0.08	
		When rated capacitance exceeds 1,000μF, add 0.02 to the value above for each 1,000μF increase.						
Leakage current (LC)	μA/after 2minutes (max)	The greater value of either 0.01CV or 3						
Impedance ratio at low temperature	Based the value at 120Hz, +20°C	-40°C Z/Z <sub>20°C</sub>	2	2	2	2	2	2
		-55°C Z/Z <sub>20°C</sub>	4	3	3	3	2	2
Endurance	125°C rated voltage applied (With the rated ripple current)	Test	φ8 : 2,000hrs., φ10 : 3,000hrs., φ12.5 to φ18 : 4,000hrs.					
		ΔC/C	Within ±30% of the initial value					
		tan δ	≤ 3 times the initial specified value					
		LC	≤ The initial specified value					

## Dimensions



(Unit : mm)

φD	8	10	12.5	16	18
F	3.5	5.0	5.0	7.5	7.5
φd	0.6	0.6	0.6	0.8	0.8

## Size List, Impedance, Rated Ripple Current

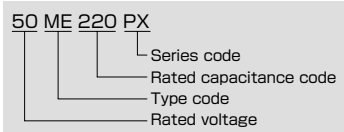
μF \ V	10	16	25	35	50	100
1.0					8x11.5   2.0   28	
2.2					8x11.5   1.8   42	
3.3					8x11.5   1.5   49	
4.7					8x11.5   1.15   70	8x11.5   2.0   100
10					8x11.5   0.95   150	8x11.5   1.5   150
22					8x11.5   0.65   210	8x12.5   1.5   190
33					8x12.5   0.45   230	10x12.5   0.75   330
47				8x12.5   0.45   230	8x12.5   0.45   230	10x16   0.57   400
100		8x11.5   0.39   250	8x12.5   0.26   280	10x12.5   0.35   315	10x12.5   0.35   315	12.5x20   0.29   580
220	8x12.5   0.26   280	10x12.5   0.20   350	10x12.5   0.17   380	10x16   0.29   420	10x20   0.20   560	16x25   0.22   670
330	10x12.5   0.20   350	10x12.5   0.17   380	10x16   0.15   490	10x20   0.20   560	12.5x20   0.12   630	16x31.5   0.15   810
470	10x12.5   0.17   380	10x16   0.15   490	10x20   0.12   590	12.5x20   0.12   630	12.5x25   0.10   770	18x31.5   0.11   950
1000	10x20   0.12   590	12.5x20   0.073   770	12.5x25   0.050   1050	16x25   0.058   980	16x31.5   0.045   1200	
2200	12.5x25   0.050   1050	16x25   0.044   1150	16x31.5   0.030   1500			
3300	16x25   0.044   1150	16x31.5   0.030   1500				
4700	16x31.5   0.030   1500					

Please refer to page 15 for the ripple current frequency coefficient.

Impedance(Ω)  
max at 100kHz, 20°C

Case size: φDxL(mm)  
Rated ripple current  
mA rms (10k to 100kHz, 125°C)

## Model No.



- CE-BJ
- CE-BE
- CE-BD
- CE-BSS
- CE-BS
- CE-FE
- CE-FD
- CE-LD
- CE-FSS
- CE-FU
- CE-FS
- CE-FH
- CE-GA
- CE-AX
- CE-KX
- CE-LX
- CE-LS
- CE-LH
- CE-LL
- CE-PC
- CE-PH
- CE-NP
- CE-FN
- ME-SWB
- ME-UZ-SZ
- ME-UAX-SAX
- ME-LS
- ME-HC
- ME-CZ
- ME-CA
- ME-CX
- ME-AX
- ME-WX
- ME-WA
- ME-WL
- ME-SWG
- ME-WG
- ME-PX
- ME-HPC-HPD
- ME-FC-FD
- ME-FAZ
- ME-FH
- ME-SWN
- ME-HWN