

ME-PX Series

125°C

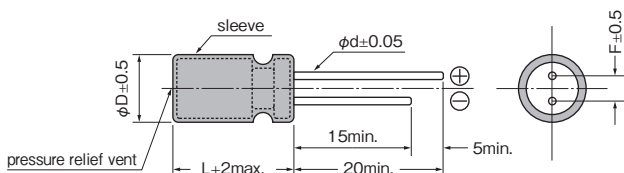


- 125°C 2,000 to 4,000hours
- Solvent proof(within 5 minutes)

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(tan δ)	tanδ(max.)120Hz/20°C	0.20	0.16	0.14	0.12	0.10	0.08	
		Exceeding 1,000μF, +0.02 every 1,000μF						
Leakage current(LC)	μA/after 2minutes (max.)	0.01CV						
Impedance ratio at low temperature	Based on the value at 120Hz, +20°C	-40°C Z/Z _{20°C}	2	2	2	2	2	2
		-55°C Z/Z _{20°C}	4	3	3	3	2	2
Endurance	125°C rated voltage applied (With the rated ripple current)	Tset	φ8 : 2,000hours, φ10 : 3,000hours, φ12.5 to φ18 : 4,000hours					
		ΔC/C	Within ±30% of the initial value					
		tanδ	Less than 300% of the specified value					
		LC	Less than the 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, Impedance, Rated Ripple Current

μF	V	10	16	25	35	50	100
10						8×11.5, 0.95, 150	8×11.5, 1.5, 150
22						8×11.5, 0.65, 210	8×12.5, 1.5, 190
33						8×12.5, 0.45, 230	10×12.5, 0.75, 330
47					8×12.5, 0.45, 230	8×12.5, 0.45, 230	10×16, 0.57, 400
100			8×11.5, 0.39, 250	8×12.5, 0.26, 280	10×12.5, 0.35, 315	10×12.5, 0.35, 315	12.5×20, 0.29, 580
220		8×12.5, 0.26, 280	10×12.5, 0.20, 350	10×12.5, 0.17, 380	10×16, 0.29, 420	10×20, 0.20, 560	16×25, 0.22, 670
330		10×12.5, 0.20, 350	10×12.5, 0.17, 380	10×16, 0.15, 490	10×20, 0.20, 560	12.5×20, 0.12, 630	16×31.5, 0.15, 810
470		10×12.5, 0.17, 380	10×16, 0.15, 490	10×20, 0.12, 590	12.5×20, 0.12, 630	12.5×25, 0.10, 770	18×31.5, 0.11, 950
1000		10×20, 0.12, 590	12.5×20, 0.073, 770	12.5×25, 0.050, 1050	16×25, 0.058, 980	16×31.5, 0.045, 1200	
2200		12.5×25, 0.050, 1050	16×25, 0.044, 1150	16×31.5, 0.030, 1500			
3300		16×25, 0.044, 1150	16×31.5, 0.030, 1500				
4700		16×31.5, 0.030, 1500					

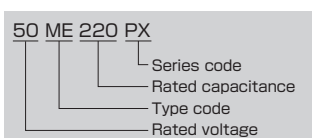
Please refer to page 14 for ripple current frequency coefficients.

 Impedance(Ω)
max. at 100kHz, 20°C

 Rated ripple current
mA rms(10k to 100kHz, 125°C)

Case size: φDxL(mm)

Part number


 Radial Lead Type
Aluminum Electrolytic Capacitors

- ME-SWB
- ME-UZ-SZ
- ME-UAX-SAX
- ME-SWG
- ME-HC
- ME-LS
- ME-CZ
- ME-CA
- ME-CX
- ME-AX
- ME-WX
- ME-WA
- ME-WL
- ME-WG
- ME-FX
- ME-PX
- ME-HPC-HPD
- ME-FC-FD
- ME-FH
- ME-SWN
- ME-HWN