

ME-PX Series

125°C



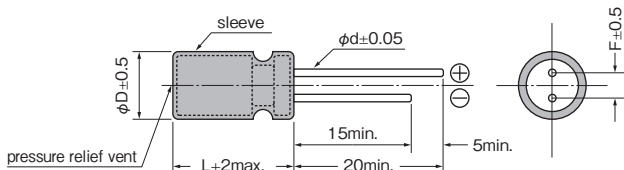
- 125°C 2,000 to 4,000hours
- Solvent proof(within 5 minutes)

ME-PX
↑ 125°C
ME-AX (P.86)

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					

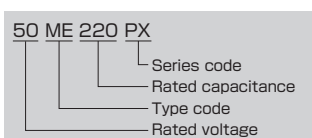
Please refer to page 14 for ripple current frequency coefficients.

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