

CE-AX Series

Low Impedance

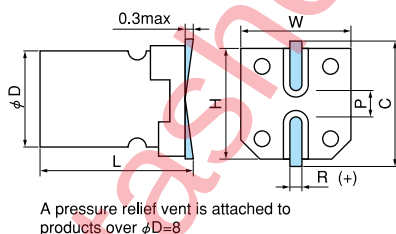
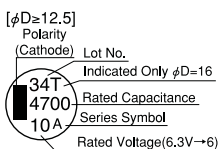
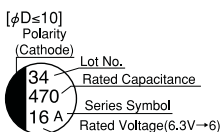


- 105°C, 1,000 to 2,000hrs.
- Solvent proof (within 2 minutes)

Specifications

Items	Condition		Specifications					
Rated voltage (V)	—		6.3	10	16	25	35	50
Surge voltage (V)	Room temperature		8.0	13	20	32	44	63
Category temperature range (°C)	—		-55 to +105					
Capacitance tolerance (%)	120Hz/20°C		M : ±20					
Dissipation Factor (tan δ)	120Hz/20°C	φ4 to φ6.3	0.24	0.20	0.16	0.14	0.12	0.12
		φ8 to φ16	0.28	0.24	0.20	0.16	0.14	0.14
		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/Z20°C	3	2	2	2	2	2
		-55°C Z/Z20°C	5	4	4	3	3	3
Endurance	105°C rated voltage applied (With the rated ripple current)	Test	φ4 to φ6.3, φ10×7.7 : 1,000hrs., φ8 to φ16 : 2,000hrs.					
		ΔC/C	Within ±25% of the initial value					
		tan δ	≤ 2 times the initial specified value					
		LC	≤ The initial specified value					

Marking, Dimensions



(Unit : mm)

D ^{+0.5max}	L ^{±0.3}	W ^{±0.2}	H ^{±0.2}	C ^{±0.2}	R	P ^{±0.2}
4	6.0	4.3	4.3	5.0	0.5 to 0.8	1.0
5	6.0	5.3	5.3	6.0	0.5 to 0.8	1.4
6.3	6.0	6.6	6.6	7.3	0.5 to 0.8	2.2
6.3	7.7	6.6	6.6	7.3	0.5 to 0.8	2.2
8	10.2	8.3	8.3	9.0	0.7 to 1.0	3.2
10	7.7	10.3	10.3	11.0	1.0 to 1.4	4.6
10	10.2	10.3	10.3	11.0	1.0 to 1.4	4.6
12.5	13.5 ^{±0.5}	12.8	12.8	13.5	1.0 to 1.4	4.6
16	16.5 ^{±0.5}	16.3	16.3	17.3	1.7 to 2.1	7.0

■ Size List, Impedance, Rated Ripple Current

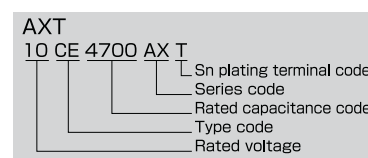
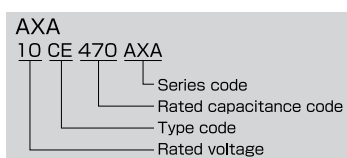
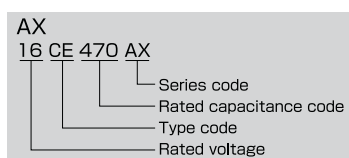
μF \ V	6.3			10			16			25			35			50		
4.7													4x6.0	1.80	80	4x6.0	2.90	60
10										4x6.0	1.80	80	5x6.0	0.76	150	6.3x6.0	0.88	165
15							4x6.0	1.80	80	5x6.0	0.76	150	5x6.0	0.76	150			
22				4x6.0	1.80	80	5x6.0	0.76	150	5x6.0	0.76	150	5x6.0	0.76	150	6.3x6.0	0.88	165
27	4x6.0	1.80	80															
33	→			5x6.0	0.76	150	→			6.3x6.0	0.44	230	6.3x6.0	0.44	230	6.3x7.7	0.68	195
47	5x6.0	0.76	150	→			6.3x6.0	0.44	230	6.3x6.0	0.44	230	6.3x6.0	0.44	230	6.3x7.7	0.68	195
56	5x6.0	0.76	150							6.3x6.0	0.44	230						
68	→			6.3x6.0	0.44	230	6.3x6.0	0.44	230	6.3x6.0	0.44	230	6.3x7.7	0.34	280			
100	6.3x6.0	0.44	230	→			6.3x6.0	0.44	230	6.3x7.7	0.34	280	8x10.2	0.17	450	8x10.2	0.39	300
150	6.3x6.0	0.44	230	6.3x6.0	0.44	230	6.3x7.7	0.34	280	8x10.2	0.17	450	8x10.2	0.17	450	10x10.2	0.21	450
										→			10x7.7	0.17	450			
220	6.3x6.0	0.44	230	6.3x7.7	0.34	280	6.3x7.7	0.34	280	8x10.2	0.17	450	8x10.2	0.17	450	10x10.2	0.21	450
										10x7.7	0.17	450						
330	6.3x7.7	0.34	280	8x10.2	0.17	450	8x10.2	0.17	450	8x10.2	0.17	450	10x10.2	0.090	670	12.5x13.5	0.14	620
				→			10x7.7	0.17	450									
390																12.5x13.5	0.14	620
470	8x10.2	0.17	450	8x10.2	0.17	450	8x10.2	0.17	450	10x10.2	0.090	670	12.5x13.5	0.066	900			
				10x7.7	0.17	450												
680	8x10.2	0.17	450	→			10x10.2	0.090	670				12.5x13.5	0.066	900			
	10x7.7	0.17	450															
1000	8x10.2	0.17	450	10x10.2	0.090	670				12.5x13.5	0.066	900				16x16.5	0.078	790
1500	10x10.2	0.090	670				12.5x13.5	0.066	900				16x16.5	0.052	1250			
2200				12.5x13.5	0.066	900				16x16.5	0.052	1250						
3300	12.5x13.5	0.066	900				16x16.5	0.052	1250									
4700				16x16.5	0.052	1250												
6800	16x16.5	0.052	1250															

→Use next higher voltage product.
Please refer to page 15 for the ripple current frequency coefficient.

Case size: $\phi D \times L$ (mm)
10x7.7:CE-AXA
16x16.5:CE-AXT

Rated ripple current
mA_{RMS}(100kHz, 105°C)
Impedance(Ω)
max at 100kHz, 20°C

■ Model No.



CE-BE

CE-BD

CE-BS

CE-BSS

CE-FE

CE-LD

CE-FU

CE-FS

CE-FSS

CE-FH

CE-GA

CE-AX

CE-KX

CE-LX

CE-LS

CE-LH

CE-LL

CE-PC

CE-PH

CE-PF

CE-NP

CE-FN

ME-SWB

ME-UZ·SZ

ME-UAX·SAX

ME-SWG

ME-LS

ME-HC

ME-CZ

ME-CA

ME-CX

ME-AX

ME-WX

ME-WA

ME-WL

ME-WG

ME-PX

ME-HPC·HPD

ME-FC·FD

ME-FAZ

ME-FH

ME-SWN

ME-HWN