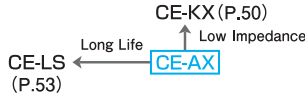


# CE-AX Series

Low Impedance



105°C, 1,000 to 2,000hours  
Leakage current proof (within 2 minutes)



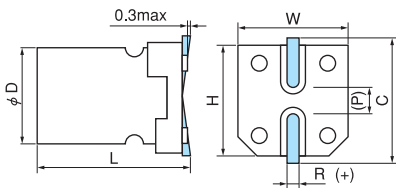
## Specifications

Items	Condition	Specifications							
Rated Voltage (V)	—	6.3	10	16	25	35	50		
Rated Voltage (V)	Room temperature	8.0	13	20	32	44	63		
Temperature range (°C)	—	-55 to +105							
Impedance tolerance (%)	120Hz/20°C	M : ±20							
Dissipation Factor (tan δ)	tan δ (max) 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	
Rated Ripple Current (LC)	μA/after 2minutes (max)	Exceeding 1,000μF, +0.02 every 1,000μF							
Voltage Ratio at 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	
Life	105°C rated voltage applied (With the rated ripple current)	Test	φ4 to φ6.3, φ10 × 7.7 : 1,000hours, φ8 to φ16 : 2,000hours						
		ΔC/C	Within ±25% of the initial value						
		tan δ	Less than 200% of the specified value						
		LC	Less than the specified value						

## Marking, Dimensions

(Unit : mm)

Part No.  
Rated Capacitance  
Series Symbol  
Rated Voltage(6.3V→6)



A pressure relief vent is provided for φD=8 or bigger

(P)reference size

Part No.  
Indicated Only φD=16  
Rated Capacitance  
Series Symbol  
Rated Voltage(6.3V→6)

D <sup>+0.5max</sup>	L <sup>±0.3</sup>	W <sup>±0.2</sup>	H <sup>±0.2</sup>	C <sup>±0.2</sup>	R	P
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 <sup>±0.5</sup>	12.8	12.8	13.5	1.0 to 1.4	4.6
16	16.5 <sup>±0.5</sup>	16.3	16.3	17.3	1.7 to 2.1	7.0

Impedance, Rated Ripple Current

V	6.3			10			16			25			35			50		
7													4x6.0	1.80	80	4x6.0	2.90	60
										4x6.0	1.80	80	5x6.0	0.76	150	6.3x6.0	0.88	165
							4x6.0	1.80	80	5x6.0	0.76	150	5x6.0	0.76	150			
				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
	4x6.0	1.80	80															
	→			5x6.0	0.76	150	→			6.3x6.0	0.44	230	6.3x6.0	0.44	230	6.3x7.7	0.68	195
	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
	5x6.0	0.76	150							6.3x6.0	0.44	230						
	→			6.3x6.0	0.44	230	6.3x6.0	0.44	230	6.3x6.0	0.44	230	6.3x7.7	0.34	280			
	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
	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			
	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						
	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									
																12.5x13.5	0.14	620
	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												
	8x10.2	0.17	450	→			10x10.2	0.090	670				12.5x13.5	0.066	900			
	10x7.7	0.17	450															
	8x10.2	0.17	450	10x10.2	0.090	670				12.5x13.5	0.066	900				16x16.5	0.078	790
	10x10.2	0.090	670				12.5x13.5	0.066	900				16x16.5	0.052	1250			
				12.5x13.5	0.066	900				16x16.5	0.052	1250						
	12.5x13.5	0.066	900				16x16.5	0.052	1250									
				16x16.5	0.052	1250												
	16x16.5	0.052	1250															

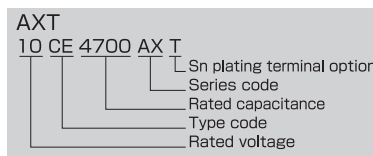
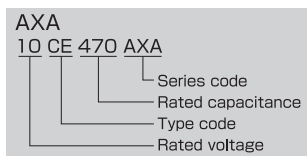
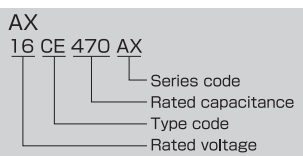
Use the higher voltage model in the next.  
 or to page 15 for  
 different frequency coefficients.

Case size:φDxL(mm)  
 10x7.7:CE-AXA  
 16x16.5:CE-AXT

Rated ripple current  
 mA rms(100kHz, 105°C)

Impedance(Ω)  
 max at 100kHz, 20°C

Number



Aluminum Electrolytic  
 Capacitors  
 Surface  
 Mount Type

- CE-BE
- CE-BD
- CE-BS
- CE-BSS
- CE-FE
- CE-LD
- CE-FSS
- CE-FS
- CE-FH
- CE-LH
- CE-AX**
- CE-KX
- CE-GA
- CE-LS
- CE-ZX
- CE-ZC
- CE-LX
- CE-LL
- CE-LH(High Voltage)
- CE-PC
- CE-PH
- CE-PS
- CE-PF
- CE-TH
- CE-JX
- CE-NP
- CE-FN
- 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-FH
- ME-PX
- ME-HPC·HPD

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[VES101M1CTR-0605](#) [TYEH1H475E55MTR](#) [6.3SEV22M4X5.5](#) [6.3SEV47M4X5.5](#) [EEEFK1H151GP](#) [EEEFK1A681GP](#) [EEE0GA471XP](#)  
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