

Aluminum Electrolytic Type / Surface Mount Type

RoHS compliance

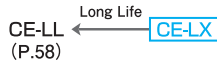
# CE-LX Series

Low Impedance

Long Life



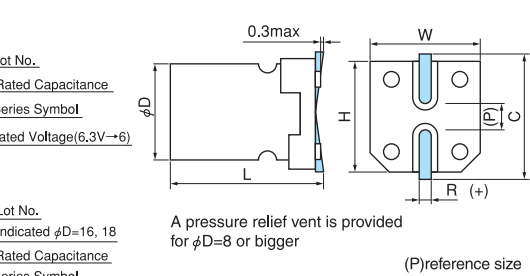
105°C, 2,000 to 5,000hours  
Pressure proof (within 2 minutes)



## Specifications

Items	Condition	Specifications									
Rated Voltage (V)	—	6.3	10	16	25	35	50	63	80	100	
Rated Voltage (V)	Room temperature	8.0	13	20	32	44	63	79	100	125	
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	0.26	0.20	0.16	0.14	0.12	0.12	0.08	—	—
		φ8 to φ18	0.28	0.24	0.22	0.16	0.14	0.14	0.08	0.08	0.07
Capacitance tolerance (%)		Exceeding 1,000 μF, +0.02 every 1,000 μF									
Ripple Current (LC)	μA/after 2minutes (max)	The greater value of either 0.01 CV or 3									
Voltage ratio at temperature	Based the value at 120Hz, +20°C	-40°C Z/Z20°C	3	3	3	3	3	3	2	2	2
		-55°C Z/Z20°C	4	4	4	3	3	3	3	3	3
Life	105°C rated voltage applied (With the rated ripple current)	Test	φ4 to φ6.3, φ10×7.7 : 2,000hours, φ8 to φ18 : 5,000hours								
		ΔC/C	Within ±30% of the initial value								
		tan δ	Less than 300% of the specified value								
		LC	Less than the specified value								

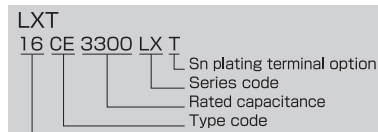
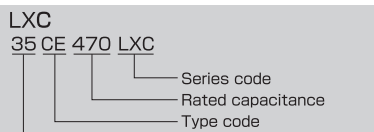
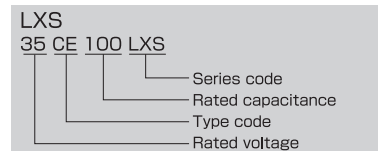
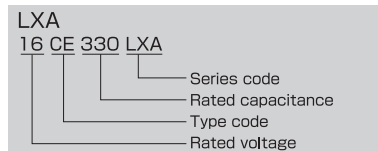
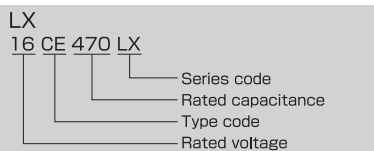
## Marking, Dimensions



(Unit : mm)

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
10	13.5 <sup>±0.5</sup>	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
18	16.5 <sup>±1.0</sup>	19.0	19.0	20.0	1.7 to 2.1	7.0
18	21.5 <sup>±1.0</sup>	19.0	19.0	20.0	1.7 to 2.1	7.0

Number



Impedance, Rated Ripple Current

V	6.3			10			16			25			35		
													4×6.0	1.45	90
							4×6.0	1.45	90	4×6.0	1.45	90	5×6.0	0.70	170
							5×6.0	0.70	170	5×6.0	0.70	170	5×6.0	0.70	170
				4×6.0	1.45	90	5×6.0	0.70	170	5×6.0	0.70	170	5×6.0	0.70	170
	4×6.0	1.45	90	5×6.0	0.70	170	5×6.0	0.70	170	6.3×6.0	0.39	250	6.3×6.0	0.39	250
	5×6.0	0.70	170	5×6.0	0.70	170	6.3×6.0	0.39	250	6.3×6.0	0.39	250	6.3×6.0	0.39	250
	5×6.0	0.70	170	6.3×6.0	0.39	250	6.3×6.0	0.39	250	6.3×6.0	0.39	250	6.3×6.0	0.39	250
	5×6.0	0.70	170	6.3×6.0	0.39	250	6.3×6.0	0.39	250	6.3×6.0	0.39	250	6.3×6.0	0.39	250
	6.3×6.0	0.39	250	6.3×6.0	0.39	250	6.3×6.0	0.39	250	6.3×6.0	0.39	250	6.3×7.7	0.30	300
	5×6.0	0.70	170										6.3×7.7	0.30	300
	6.3×6.0	0.39	250	6.3×6.0	0.39	250	6.3×6.0	0.39	250	6.3×7.7	0.30	300	8×10.2	0.17	600
	6.3×6.0	0.39	250	6.3×6.0	0.39	250	6.3×7.7	0.30	300	8×10.2	0.17	600	8×10.2	0.17	600
													10×7.7	0.17	600
	6.3×6.0	0.39	250	6.3×7.7	0.30	300	6.3×7.7	0.30	300	8×10.2	0.17	600	8×10.2	0.17	600
										10×7.7	0.17	600			
	6.3×7.7	0.30	300	8×10.2	0.17	600	8×10.2	0.17	600	8×10.2	0.17	600	10×10.2	0.090	850
							10×7.7	0.17	600						
	8×10.2	0.17	600	8×10.2	0.17	600	8×10.2	0.17	600	10×10.2	0.090	850	10×13.5	0.070	950
				10×7.7	0.17	600							12.5×13.5	0.060	1100
	8×10.2	0.17	600	10×10.2	0.090	850	10×10.2	0.090	850	10×13.5	0.070	950			
	10×7.7	0.17	600							12.5×13.5	0.060	1100	12.5×13.5	0.060	1100
							10×13.5	0.070	950						
	8×10.2	0.17	600	10×10.2	0.090	850	12.5×13.5	0.060	1100	12.5×13.5	0.060	1100	16×16.5	0.035	1800
				10×13.5	0.070	950									
	10×10.2	0.090	850	12.5×13.5	0.060	1100	12.5×13.5	0.060	1100	16×16.5	0.035	1800	16×16.5	0.035	1800
	12.5×13.5	0.060	1100	12.5×13.5	0.060	1100				16×16.5	0.035	1800	18×16.5	0.033	2060
													18×21.5	0.028	2260
							16×16.5	0.035	1800	18×16.5	0.033	2060			
										18×21.5	0.028	2260			
	16×16.5	0.035	1800	18×16.5	0.033	2060									
	18×16.5	0.033	2060	18×21.5	0.028	2260									
	18×16.5	0.033	2060												
	18×21.5	0.028	2260												

V	50			63			80			100		
	4×6.0	2.90	60									
	6.3×6.0	0.88	165	6.3×6.0	1.50	80						
	6.3×6.0	0.88	165	6.3×7.7	1.20	120						
	6.3×7.7	0.68	195									
	6.3×7.7	0.68	195							10×10.2	0.65	200
	6.3×7.7	0.68	195	10×7.7	0.70	200	10×10.2	0.65	200	12.5×13.5	0.32	500
	8×10.2	0.34	350									
	8×10.2	0.34	350							12.5×13.5	0.32	500
	8×10.2	0.34	350	12.5×13.5	0.16	800	12.5×13.5	0.32	500	16×16.5	0.17	793
	10×7.7	0.34	330									
	10×10.2	0.18	670	12.5×13.5	0.16	800	12.5×13.5	0.32	500	16×16.5	0.17	793
	10×10.2	0.18	670	12.5×13.5	0.16	800				18×16.5	0.153	917
	12.5×13.5	0.12	900	16×16.5	0.082	1410	16×16.5	0.17	793	18×21.5	0.083	1230
	16×16.5	0.073	1610	16×16.5	0.082	1410	18×16.5	0.153	917			
	16×16.5	0.073	1610	18×16.5	0.080	1690						
	18×16.5	0.070	1810	18×21.5	0.055	1890						

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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