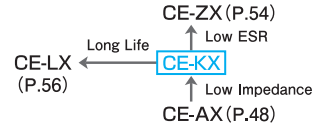


CE-KX Series

Low Impedance

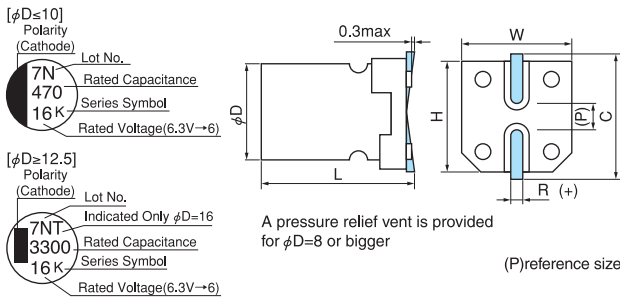


- 10 to 20% less impedance than CE-AX series at high frequencies.
- 105°C, 1,000 to 2,000hours • Solvent proof (within 2 minutes)

Specifications

Items	Condition	Specifications										
Rated voltage (V)	—	6.3	10	16	25	35	50	63	80	100		
Surge voltage (V)	Room temperature	8.0	13	20	32	44	63	79	100	125		
Category temperature range (°C)	—	-55 to +105										
Capacitance 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	0.10	0.08	0.07	
		φ8 to φ16	0.28	0.24	0.20	0.16	0.14	0.14	0.12	0.10	0.08	
Leakage current (LC)	μA/after 2minutes (max)	Exceeding 1,000μF, +0.02 every 1,000μF 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	2	2	2	
		-55°C Z/Z20°C	5	4	4	3	3	3	3	3	3	
Endurance	105°C rated voltage applied (With the rated ripple current)	Test	φ4 to φ6.3 : 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)

D ^{+0.5max}	L ^{±0.3}	W ^{±0.2}	H ^{±0.2}	C ^{±0.2}	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	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

Aluminum Electrolytic Capacitors

CE-BE
CE-BD
CE-BS
CE-BSS
CE-CE
CE-LD
CE-FE
CE-FSS
CE-FS
CE-FH
CE-LH
CE-AX
CE-KX
CE-GA
CE-LS
CE-ZX
CE-ZC
CE-LX
CE-LL
Voltage)
CE-PC
CE-PH
CE-PS
CE-PF
CE-TH
CE-JX
CE-NP
CE-FN
ME-SWB
-UZ · SZ
AX · 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
PC · HPD
E-FC · FD
ME-SWN
ME-HWN

Size, Impedance, Rated Ripple Current

μF	V			6.3			10			16			25			35								
4.7																	4x6.0	1.45	90					
10														4x6.0	1.45	90	5x6.0	0.70	170					
15										4x6.0	1.45	90	5x6.0	0.70	170	5x6.0	0.70	170						
22							4x6.0	1.45	90	5x6.0	0.70	170	5x6.0	0.70	170	5x6.0	0.70	170						
27				4x6.0	1.45	90																		
33				→			5x6.0	0.70	170	→				6.3x6.0	0.39	250	6.3x6.0	0.39	250					
47				5x6.0	0.70	170	→			6.3x6.0	0.39	250	6.3x6.0	0.39	250	6.3x6.0	0.39	250						
56				5x6.0	0.70	170								6.3x6.0	0.39	250								
68				→			6.3x6.0	0.39	250	6.3x6.0	0.39	250	6.3x6.0	0.39	250	6.3x6.0	0.39	250	6.3x7.7	0.30	300			
100				6.3x6.0	0.39	250	→			6.3x6.0	0.39	250	6.3x7.7	0.30	300	8x10.2	0.15	600	8x10.2	0.15	600			
150				6.3x6.0	0.39	250	6.3x6.0	0.39	250	6.3x7.7	0.30	300	8x10.2	0.15	600	8x10.2	0.15	600	8x10.2	0.15	600			
220				6.3x6.0	0.39	250	6.3x7.7	0.30	300	6.3x7.7	0.30	300	8x10.2	0.15	600	8x10.2	0.15	600	8x10.2	0.15	600			
330				6.3x7.7	0.30	300	8x10.2	0.15	600	8x10.2	0.15	600	8x10.2	0.15	600	8x10.2	0.15	600	10x10.2	0.080	850			
470				8x10.2	0.15	600	8x10.2	0.15	600	8x10.2	0.15	600	10x10.2	0.080	850	10x10.2	0.080	850	12.5x13.5	0.058	1150			
680				8x10.2	0.15	600	→			10x10.2	0.080	850							12.5x13.5	0.058	1150			
1000				8x10.2	0.15	600	10x10.2	0.080	850					12.5x13.5	0.058	1150	16x16.5	0.035	1800	16x16.5	0.035	1800		
1500				10x10.2	0.080	850				12.5x13.5	0.058	1150							16x16.5	0.035	1800	16x16.5	0.035	1800
2200							12.5x13.5	0.058	1150					16x16.5	0.035	1800								
3300				12.5x13.5	0.058	1150				16x16.5	0.035	1800												
4700							16x16.5	0.035	1800															
6800				16x16.5	0.035	1800																		

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
- ME-FC·FD
- ME-SWN
- ME-HWN

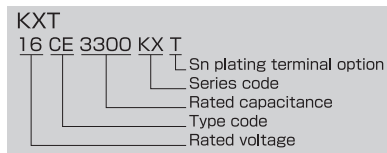
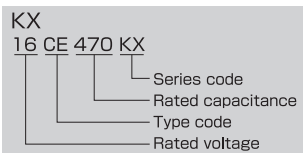
μF	V			50			63			80			100		
2.2												6.3x6.0	2.70	42	
3.3												6.3x6.0	2.40	45	
4.7				4x6.0	2.55	64	5x6.0	2.00	55	6.3x6.0	2.40	45	6.3x6.0	2.40	45
10				6.3x6.0	0.52	215	6.3x6.0	1.00	90	6.3x7.7	2.00	65	6.3x7.7	2.00	65
22				6.3x6.0	0.52	215	6.3x7.7	0.80	135	8x10.2	0.90	140	8x10.2	0.90	140
33				6.3x7.7	0.44	243	8x10.2	0.35	280	8x10.2	0.90	140	10x10.2	0.50	220
47				6.3x7.7	0.44	243	8x10.2	0.35	280	10x10.2	0.50	220	12.5x13.5	0.24	500
68										12.5x13.5	0.24	500	12.5x13.5	0.24	500
100				8x10.2	0.22	400	10x10.2	0.20	480	12.5x13.5	0.24	500	16x16.5	0.14	800
150										12.5x13.5	0.24	500	16x16.5	0.14	800
220				10x10.2	0.13	585	12.5x13.5	0.14	800						
330				12.5x13.5	0.10	800				16x16.5	0.14	800			
470							16x16.5	0.065	1410						
1000				16x16.5	0.060	1610									

→Please use the higher voltage model in the next.
Please refer to page 15 for ripple current frequency coefficients.

Case size:φDxL(mm)
16x16.5:CE-KXT

Rated ripple current
mA rms(100kHz, 105°C)
Impedance(Ω)
max at 100kHz, 20°C

Part number



X-ON Electronics

Largest Supplier of Electrical and Electronic Components

Click to view similar products for [Aluminium Electrolytic Capacitors - SMD category](#):

Click to view products by [SUN manufacturer](#):

Other Similar products are found below :

[EEV-FK1E332W](#) [ULV2H1R8MNL1GS](#) [MAL214099813E3](#) [CA025M4R70REB-0405](#) [HUB1800-S](#) [34610](#) [RYK-50V101MG5TT-FL](#)
[107AXZ016MQ5](#) [RVJ-50V101MH10U-R](#) [EMVH101GRA221MMN0S](#) [MAL214097402E3](#) [MAL215375471E3](#) [MAL224699909E3](#)
[MAL224699813E3](#) [MAL215099014E3](#) [MAL215099017E3](#) [MAL215099117E3](#) [MAL215099818E3](#) [AEH1010331M025R](#)
[AEA1010221M035R](#) [AEA1010470M080R](#) [AEH1010221M025R](#) [AEA1010102M016R](#) [AEA0810331M025R](#) [AEA1213102M025R](#)
[AEA1213331M050R](#) [AEH1012471M016R](#) [MAL213967339E3](#) [ZSC00AF2211EARL](#) [VB1E100MB054000CE0](#) [RVT0J471M0607](#)
[RVT1000UF10V34RV0081](#) [XT100UF50V90RV0067](#) [RVE100UF16V67RV0046](#) [RST22UF35V025](#) [RVT100UF16V67RV0120](#)
[XT47UF50V90RV0082](#) [XT22UF50V90RV0083](#) [RST22UF50V026](#) [RST10UF16V013](#) [RST100UF25V004](#) [RST100UF35V009](#)
[RST47UF25V035](#) [RST47UF50V038](#) [RST220UF25V019](#) [RSL220UF25V021](#) [XT10UF25V90RV0068](#) [FZ100UF50V90RV0066](#)
[RST100UF16V003](#) [XT100UF10V90RV0060](#)