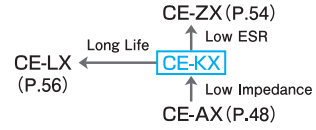


CE-KX Series

Low Impedance

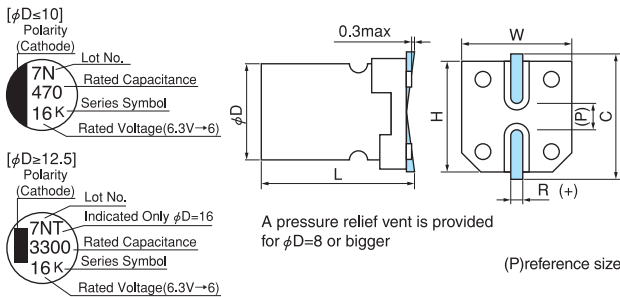


- 10 to 20% less impedance than CE-AX series at high frequencies.
- 105°C, 1,000 to 2,000hours • Solvent proof (within 2 minutes)

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										
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-LE
CE-LF
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																	4×6.0	1.45	90
10													4×6.0	1.45	90		5×6.0	0.70	170
15												4×6.0	1.45	90		5×6.0	0.70	170	
22												4×6.0	1.45	90		5×6.0	0.70	170	
27												4×6.0	1.45	90		5×6.0	0.70	170	
33																5×6.0	0.70	170	
47																5×6.0	0.70	170	
56																5×6.0	0.70	170	
68																5×6.0	0.70	170	
100																5×6.0	0.70	170	
150																5×6.0	0.70	170	
220																5×6.0	0.70	170	
330																5×6.0	0.70	170	
470																5×6.0	0.70	170	
680																5×6.0	0.70	170	
1000																5×6.0	0.70	170	
1500																5×6.0	0.70	170	
2200																5×6.0	0.70	170	
3300																5×6.0	0.70	170	
4700																5×6.0	0.70	170	
6800																5×6.0	0.70	170	

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

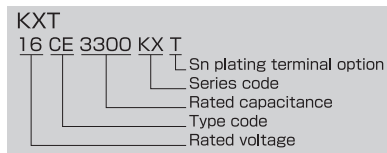
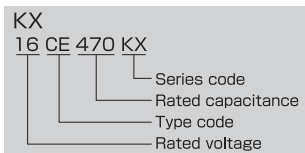
μF	V			50			63			80			100		
2.2												6.3×6.0	2.70	42	
3.3												6.3×6.0	2.40	45	
4.7												6.3×6.0	2.40	45	
10												6.3×6.0	2.40	45	
22												6.3×6.0	2.40	45	
33												6.3×6.0	2.40	45	
47												6.3×6.0	2.40	45	
68												6.3×6.0	2.40	45	
100												6.3×6.0	2.40	45	
150												6.3×6.0	2.40	45	
220												6.3×6.0	2.40	45	
330												6.3×6.0	2.40	45	
470												6.3×6.0	2.40	45	
1000												6.3×6.0	2.40	45	

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

Case size:φDxL(mm)
16×16.5:CE-KXT

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

■ Part number



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[RST220UF25V019](#) [RSL220UF25V021](#) [XT10UF25V90RV0068](#) [FZ100UF50V90RV0066](#) [RST100UF16V003](#) [XT100UF10V90RV0060](#)
[XT100UF16V90RV0061](#)