

CE-FZ Series

Low Impedance

Long Life



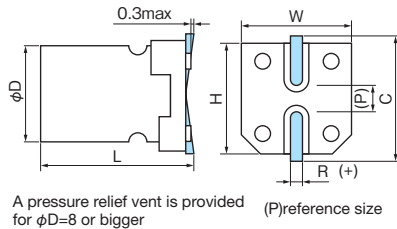
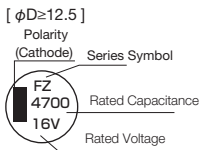
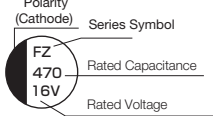
- 105°C 3,000 to 5,000hours
- Solvent proof (within 2 minutes)

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)	tanδ (max) 120Hz/20°C	φ4 to φ10	0.24	0.20	0.18	0.16	0.14	0.12	0.12	0.12	0.12
		φ12.5 to φ16	0.28	0.24	0.20	0.18	0.16	0.14	0.14	0.14	0.14
Leakage current (LC)	μA/after 2minutes (max)	Exceeding 1,000μF. +0.02 every 1,000μF The greater value of either 0.01CV or 3μA									
Impedance ratio at low temperature	Based on the value at 120Hz, +20°C	-25°C Z/Z _{20°C}	3	3	3	3	3	3	2	2	2
		-55°C Z/Z _{20°C}	4	4	4	3	3	3	3	3	3
Endurance	105°C rated voltage applied (With the rated ripple current)	Test	φ4 to φ6.3, φ10×7.7 and φ8×6.5: 3,000hours, φ8 to φ16: 5,000hours								
		ΔC/C	Within ±30% of the initial value								
		tanδ	Less than 300% of the specified value								
		LC	Less than the specified value								

Marking, Dimensions

[φD ≤ 10] Black print on the case top



(Unit : mm)

D ^{±0.5}	L	W ^{±0.2}	H ^{±0.2}	C ^{±0.2}	R	P ^{±0.2}
4	5.8 ^{±0.4}	4.3	4.3	5.1	0.5 to 0.8	1.0
5	5.8 ^{±0.4}	5.3	5.3	6.1	0.5 to 0.8	1.3
6.3	5.8 ^{±0.4}	6.6	6.6	7.3	0.5 to 0.8	2.2
6.3	7.7 ^{±0.4}	6.6	6.6	7.3	0.5 to 0.8	2.2
8	6.5 ^{±0.5}	8.3	8.3	9.2	0.7 to 1.2	3.1
8	10.5 ^{±0.5}	8.3	8.3	9.2	0.7 to 1.2	3.1
10	7.7 ^{±0.5}	10.3	10.3	11.2	0.7 to 1.2	4.4
10	10.5 ^{±0.5}	10.3	10.3	11.2	0.7 to 1.2	4.4
10	13.5 ^{±0.5}	10.3	10.3	11.2	0.7 to 1.2	4.4
12.5	13.5 ^{±0.5}	13.0	13.0	14.0	1.0 to 1.4	4.4
12.5	16.0 ^{±0.5}	13.0	13.0	14.0	1.0 to 1.4	4.4
16	16.5 ^{±0.5}	17.0	17.0	18.0	1.0 to 1.4	6.4

Ripple Current Frequency Coefficient

Frequency:F(Hz)		100≤F<1k	1k≤F<10k	10k≤F<100k	100k≤F
Capacitance:C(μF)	C≤33	0.35	0.70	0.90	1.00
	33<C≤150	0.40	0.85	0.92	1.00
	150<C	0.60	0.85	0.95	1.00

■ Size, Impedance, Rated Ripple Current

μF	V	6.3			10			16			25			35		
		Case size	Impedance	Rated ripple current	Case size	Impedance	Rated ripple current	Case size	Impedance	Rated ripple current	Case size	Impedance	Rated ripple current	Case size	Impedance	Rated ripple current
4.7														4x5.8	1.45	90
10										4x5.8	1.45	90	5x5.8	0.76	170	
15								4x5.8	1.45	90	5x5.8	0.76	170	5x5.8	0.76	170
22					4x5.8	1.45	90	5x5.8	0.76	170	5x5.8	0.76	170	5x5.8	0.76	170
27		4x5.8	1.45	90	5x5.8	0.76	170	5x5.8	0.76	170	6.3x5.8	0.44	250	6.3x5.8	0.44	250
33		5x5.8	0.76	170	5x5.8	0.76	170	6.3x5.8	0.44	250	6.3x5.8	0.44	250	6.3x5.8	0.44	250
47		5x5.8	0.76	170	6.3x5.8	0.44	250	6.3x5.8	0.44	250	6.3x5.8	0.44	250	6.3x5.8	0.44	250
56		5x5.8	0.76	170	6.3x5.8	0.44	250	6.3x5.8	0.44	250	6.3x5.8	0.44	250	6.3x5.8	0.44	250
68		6.3x5.8	0.44	250	6.3x5.8	0.44	250	6.3x5.8	0.44	250	6.3x5.8	0.44	250	6.3x7.7	0.34	300
100		5x5.8	0.76	170							6.3x7.7	0.34	300	6.3x7.7	0.34	300
		6.3x5.8	0.44	250	6.3x5.8	0.44	250	6.3x5.8	0.44	250	8x6.5	0.34	300	8x10.5	0.17	600
150		6.3x5.8	0.44	250	6.3x5.8	0.44	250	6.3x7.7	0.34	300	8x10.5	0.17	600	8x10.5	0.17	600
								8x6.5	0.34	300				10x7.7	0.17	600
220		6.3x5.8	0.44	250	6.3x7.7	0.34	300	6.3x7.7	0.34	300	8x10.5	0.17	600	8x10.5	0.17	600
					8x6.5	0.34	300				10x7.7	0.17	600			
330		6.3x7.7	0.30	300	8x10.5	0.17	600	8x10.5	0.17	600	8x10.5	0.17	600	10x10.5	0.090	850
		8x6.5	0.34	300				10x7.7	0.17	600						
470		8x10.5	0.17	600	8x10.5	0.17	600	8x10.5	0.17	600	10x10.5	0.090	850			
					10x7.7	0.17	600									
680		8x10.5	0.17	600	10x10.5	0.090	850	10x10.5	0.090	850						
		10x7.7	0.17	600												
1000		8x10.5	0.17	600	10x10.5	0.090	850									
1500		10x10.5	0.09	850												

μF	V	50			63			80			100		
		Case size	Impedance	Rated ripple current	Case size	Impedance	Rated ripple current	Case size	Impedance	Rated ripple current	Case size	Impedance	Rated ripple current
4.7		4x5.8	2.90	60	5x5.8	1.90	70				6.3x5.8	3.00	80
10		6.3x5.8	0.88	165	6.3x5.8	1.50	80				6.3x7.7	2.40	120
22		6.3x5.8	0.88	165	6.3x7.7	1.20	120				8x10.5	1.30	130
27		6.3x7.7	0.68	195				10x10.5	0.70	200			
33		6.3x7.7	0.68	195	8x6.5	1.20	120				10x10.5	0.65	200
47		6.3x7.7	0.68	195	10x7.7	0.70	200	10x10.5	0.65	200			
56		8x10.5	0.34	350	10x10.5	0.50	300						
68		8x10.5	0.34	350									
100		8x10.5	0.34	350									
		10x7.7	0.34	330									
150		10x10.5	0.18	670									
220		10x10.5	0.18	670									

Case size: φDxL(mm)

Impedance(Ω)
max at 100kHz, 20°C

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

单击下面可查看定价，库存，交付和生命周期等信息

[>>NJS\(安远南佳盛\)](#)