

CDE Snap-In Aluminum Electrolytic Capacitors

380LQ, 85°C SERIES - COMPACT HIGH CAPACITANCE SNAPMOUNT

DIMENSIONS: mm

Specifications:

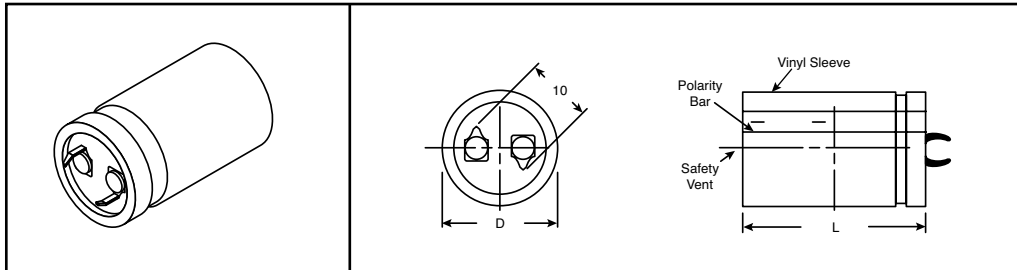
- Voltage rating: 16VDC to 450VDC
- Operating temperature: $\leq 315V$: -40°C to +85°C; >350V: -25°C to +85°C
- Capacitance tolerance: 20%
- Life test: 2000 hours @ +85°C at full load
- Leakage current: $\leq 3 \sqrt{CV} \mu A$ at 5 min.



RoHS Compliant

Features:

- More capacitance per case size
- Average of 27% smaller and more than 10mm shorter than Type 380LX
- Approaching the capability of the 380LX, the 380LQ enables you to shrink equipment size and retain the original performance



For quantities of 50 and up, call for quote.

MOUSER STOCK NO.	CDE Type 380LQ	Value (μF)	Ripple(A) @ 85°C/120Hz	Case D x L (mm)	Price Each		
					1	10	25
200 WVDC							
5985-380-200V471	471M200H022	470	1.85	22 x 30			
5985-380-200V681	681M200H032	680	2.68	22 x 35			
5985-380-200V821	821M200J022	820	2.93	25 x 30			
5985-380-200V102	102M200J032	1000	3.25	25 x 35			
5985-380-200V122	122M200K022	1200	3.50	30 x 30			
5985-380-200V152	152M200K032	1500	3.87	30 x 35			
5985-380-200V222	222M200K052	2200	4.92	30 x 50			
5985-380-200V272	272M200A052	2700	5.45	35 x 50			
250 WVDC							
5985-380-250V331	331M250H022	330	1.75	22 x 30			
5985-380-250V471	471M250H032	470	2.11	22 x 35			
5985-380-250V561	561M250J022	560	2.25	25 x 30			
5985-380-250V681	681M250J032	680	2.50	25 x 35			
5985-380-250V821	821M250K022	820	2.77	30 x 30			
5985-380-250V102	102M250K032	1000	3.32	30 x 35			
5985-380-250V122	122M250A032	1200	3.53	35 x 35			
5985-380-250V152	152M250K052	1500	4.04	30 x 50			
5985-380-250V222	222M250A052	2200	5.00	35 x 50			

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MOUSER STOCK NO.	CDE Type 380LQ	Value (μF)	Ripple(A) @ 85°C/120Hz	Case D x L (mm)	Price Each		
					1	10	25
400 WVDC							
5985-380-400V221	221M400J022	220	1.49	25 x 30			
5985-380-400V271	271M400K022	270	1.67	30 x 30			
5985-380-400V331	331M400K022	330	1.90	30 x 30			
5985-380-400V391	391M400K032	390	2.13	30 x 35			
5985-380-400V471	471M400K042	470	2.39	30 x 40			
5985-380-400V561	561M400A032	560	2.69	35 x 35			
5985-380-400V681	681M400K052	680	2.96	30 x 50			
5985-380-400V821	821M400A052	820	3.25	35 x 50			
450 WVDC							
5985-380-450V121	121M450H022	120	1.04	22 x 30			
5985-380-450V221	221M450K022	220	1.55	30 x 30			
5985-380-450V271	271M450K022	270	1.78	30 x 30			
5985-380-450V331	331M450K042	330	2.01	30 x 40			
5985-380-450V391	391M450K042	390	2.24	30 x 40			
5985-380-450V471	471M450A042	470	2.53	35 x 40			
5985-380-450V561	561M450A452	560	2.82	35 x 45			

380LX, 85°C SERIES - HIGH CAPACITANCE SNAPMOUNT

DIMENSIONS: mm

Specifications:

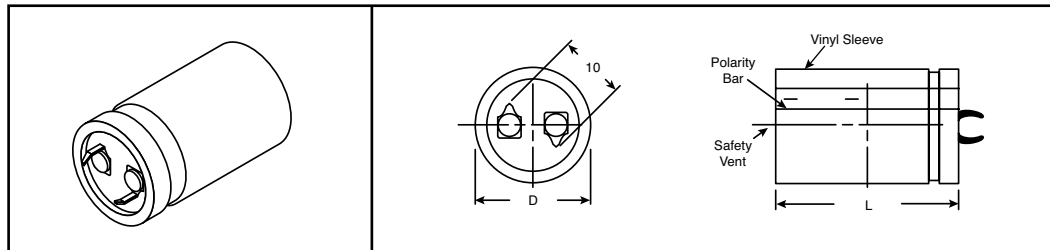
- Voltage rating: 16VDC to 500VDC
- Operating temperature: $< 300V$: -40°C to +85°C; $\geq 350V$: -25°C to +85°C
- Capacitance tolerance: 20%
- Life test: 3000 hours @ +85°C at full load
- Leakage current: $\leq 3 \sqrt{CV} \mu A$ at 5 min.
- EIA ripple life: 3000 hours @ 85°C



RoHS Compliant

Features:

- More capacitance per case size
- Ideal for switching power supply input and output circuits and motor drives



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MOUSER STOCK NO.	CDE Type 380LX	Value (μF)	Ripple(A) @ 85°C/120Hz	Case D x L (mm)	Price Each		
					1	10	25
25 WVDC							
5985-85-25V6800	682M025H022	6,800	3.50	22 x 30			
5985-85-25V10000	103M025H032	10,000	3.80	22 x 35			
5985-85-25V22000	223M025J052	22,000	6.10	25 x 50			
5985-85-25V47000	473M025A052	47,000	8.00	35 x 50			
35 WVDC							
5985-85-35V5600	562M035H022	5,600	3.40	22 x 30			
5985-85-35V8200	822M035H042	8,200	4.00	22 x 40			
5985-85-35V10000	103M035K022	10,000	4.40	30 x 30			
5985-85-35V15000	153M035J052	15,000	5.60	25 x 50			
5985-85-35V22000	223M035A042	22,000	6.10	35 x 40			
5985-85-35V33000	333M035A052	33,000	7.15	35 x 50			
50 WVDC							
5985-85-50V3300	332M050H022	3,300	2.70	22 x 30			
5985-85-50V4700	472M050H032	4,700	3.00	22 x 35			
5985-85-50V4700J	472M050J022	4,700	3.00	25 x 30			
5985-85-50V6800	682M050K022	6,800	3.90	30 x 30			
5985-85-50V8200	822M050K032	8,200	4.40	30 x 35			
5985-85-50V15000	153M050K052	15,000	6.40	30 x 50			
5985-85-50V22000	223M050A052	22,000	7.60	35 x 50			
63 WVDC							
5985-85-63V4700	472M063K022	4,700	4.40	30 x 30			
5985-85-63V8200	822M063A032	8,200	6.00	35 x 35			
5985-85-63V10000	103M063A042	10,000	6.50	35 x 40			
5985-85-63V12000	123M063A052	12,000	7.20	35 x 50			
100 WVDC							
5985-85-100V1000	102M100H022	1,000	2.00	22 x 30			

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MOUSER STOCK NO.	CDE Type 380LX	Value (μF)	Ripple(A) @ 85°C/120Hz	Case D x L (mm)	Price Each		
					1	10	25
200 WVDC							
5985-85-200V220	221M200J202	220	0.90	25 x 20			
5985-85-200V330	331M200J12	330	1.60	25 x 25			
5985-85-200V470	471M200J022	470	1.90	25 x 30			
5985-85-200V680	681M200J032	680	2.70	25 x 35			
5985-85-200V1200	122M200K452	1,200	3.50	30 x 45			
5985-85-200V1500	152M200A042	1,500	3.90	35 x 40			
5985-85-200V2200	222M200A052	2,200	4.90	35 x 50			
250 WVDC							
5985-85-250V220	221M250H022	220	1.20	22 x 30			
5985-85-250V470	471M250J042	470	2.10	25 x 40			
5985-85-250V680	681M250A022	680	2.50	35 x 30			
5985-85-250V1000	102M250K052	1,000	3.10	30 x 50			
5985-85-250V1000A	102M250A042	1,000	3.30	35 x 35			
400 WVDC							
5985-85-400V68J	680M400J202	68	0.35	25 x 20			
5985-85-400V100	101M400H022	100	0.90	22 x 30			
5985-85-400V560A	561M400A052	560	2.70	35 x 50			
5985-85-400V680	681M400A052	680	3.00	35 x 50			
450 WVDC							
5985-85-450V47	470M450J202	47	0.30	25 x 20			
5985-85-450V68	680M450H022	68	0.80	22 x 30			
5985-85-450V100	101M450J022	100	0.90	25 x 30			
5985-85-450V120	121M450J022	120	1.00	25 x 30			
5985-85-450V220	221M450J052	220	1.60	25 x 50			
5985-85-450V330	331M450A042	330	2.00	35 x 40			
5985-85-450V470	471M450A052	470	2.50	35 x 50			