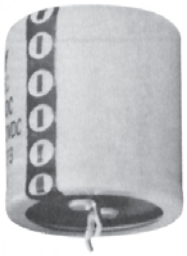
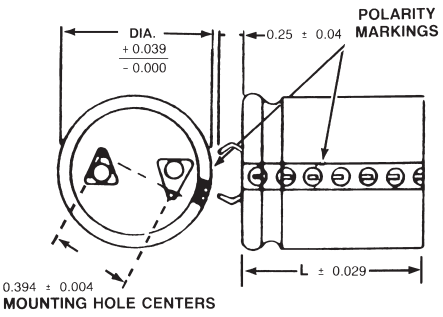
Cat. No.	Cap µF	Max ESR Ohms @120Hz 25˚C	Max Ripple mA @120Hz 85˚C	D×L (mm)	Net Price
250 VDC					
TC51	8	15.27	0.197	15.9×28.6	**$11.60**
TC52	10	12.22	0.220	15.9×28.6	**11.75**
TC54	16	7.64	0.304	15.9×34.9	**12.94**
TC55	20	6.13	0.345	19.1×28.6	**14.32**
TC57	30	4.09	0.461	19.1×34.9	**14.22**
TC58	40	2.69	0.573	19.1×41.3	**13.79**
TC59	50	2.15	0.640	19.1×41.3	**4.70**
TC1265	100	1.08	1.220	22.2×66.7	**17.36**
TC1267	225	0.22	2.105	25.4×79.4	**21.47**
300 VDC					
TC594	200	0.28	1.865	25.4×79.4	**22.42**
350 VDC					
TC62	10	15.25	0.215	15.9×34.9	**14.14**
TC65	20	7.63	0.337	19.1×34.9	**14.07**
TC67	40	3.96	0.514	22.2×41.3	**15.86**
TC68	60	2.78	0.691	22.2×54.0	**15.49**
TC69	100	1.35	1.093	22.2×66.7	**18.11**
TC692	150	0.96	1.495	25.4×92.1	**21.90**
450 VDC					
TC695	2	86.91	0.082	15.9×28.6	**12.77**
TC697	4	43.47	0.116	15.9×28.6	**15.86**
TC70	5	35.86	0.144	19.1×28.6	**15.26**
TC71	8	21.74	0.183	19.1×28.6	**15.34**
TC72	10	17.39	0.243	22.2×34.9	**15.66**
TC74	16	10.88	0.304	19.1×41.3	**15.16**
TC75	20	8.71	0.371	22.2×41.3	**14.49**
TC77	30	5.82	0.488	25.4×41.3	**17.58**
TC78	40	4.36	0.653	25.4×54.0	**18.36**
TC79	50	3.06	0.709	25.4×54.0	**17.21**
TC795	60	2.55	0.855	25.4×66.7	**19.83**
TC80	80	2.19	1.068	25.4×79.4	**20.55**
TC807	100	1.97	1.178	25.4×66.7	**29.30**





MOUNTING HOLE DIA. = .179˝ ±.004˝

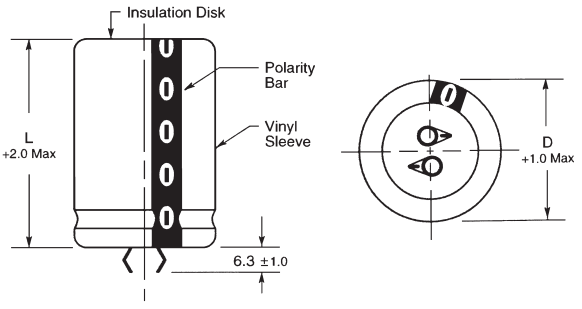
TYPE LP
NEW 105˚C DESIGN
ALUMINUM ELECTROLYTIC CAPACITORS
LOW PROFILE, SNAP-IN TERMINALS

The LP capacitor is designed for quick easy snap-in insertion in PC board power supplies. Direct positive mounting eliminates the need for mounting hardware. Standard CV ratings are available in small diameter, low profile configurations that meet height and PC board space restrictions.

Designed specifically for switching power supply applications, the LP can be used in other applications that require high CV in minimum size. The LP offers low ESR, high ripple capability over a temperature range of –40˚C to +105˚C.

HIGHLIGHTS:
Capacitance: 100µF to 47000µF
Voltage: 16 VDC to 250 VDC
Tolerance: ±20%
Temperature: –40˚C to +105˚C

Cat. No.	Cap (µF)	Max ESR Ohms @120Hz 25˚C	Max Ripple mA @120Hz 85˚C	D×L (mm)	Net Price
16 VDC					
ϕ **LP472M016A1P3**	4700	0.141	1.200	22×25	**$2.34**
ϕ **LP123M016E3P3**	12000	0.055	2.380	30×30	**2.92**
ϕ **LP153M016H3P3**	15000	0.046	3.000	35×30	**4.46**
ϕ **LP223M016E7P3**	22000	0.030	3.530	30×40	**6.49**
ϕ **LP333M016H9P3**	33000	0.020	5.000	35×50	**6.49**
25 VDC					
ϕ **LP332M025A1P3**	3300	0.151	1.160	22×25	**1.77**
ϕ **LP332M025C1P3**	3300	0.150	1.143	25×25	**1.77**
ϕ **LP562M025E1P3**	5600	0.090	1.857	30×25	**2.94**
ϕ **LP682M025C5P3**	6800	0.073	1.940	25×35	**2.97**
ϕ **LP103M025H3P3**	10000	0.050	3.333	35×30	**4.02**
ϕ **LP153M025E7P3**	15000	0.033	3.360	30×40	**5.56**
ϕ **LP223M025H9P3**	22000	0.023	4.857	35×50	**6.98**
35 VDC					
ϕ **LP182M035A1P3**	1800	0.188	1.040	22×25	**2.59**
ϕ **LP272M035C1P3**	2700	0.155	1.257	25×25	**3.44**
ϕ **LP392M035E1P3**	3900	0.108	1.571	30×25	**2.82**
ϕ **LP562M035E3P3**	5600	0.074	2.050	30×30	**3.89**
ϕ **LP682M035E5P3**	6800	0.060	2.286	30×35	**3.72**
ϕ **LP822M035H3P3**	8200	0.051	2.690	35×30	**3.62**
ϕ **LP103M035E7P3**	10000	0.041	3.000	30×40	**6.56**
ϕ **LP123M035H7P3**	12000	0.035	3.590	35×40	**5.79**
ϕ **LP153M035H9P3**	15000	0.028	4.000	35×50	**8.28**
50 VDC					
ϕ **LP122M050A1P3**	1200	0.280	0.860	22×25	**1.42**
ϕ **LP152M050A1P3**	1500	0.225	0.983	22×25	**1.97**
ϕ **LP222M050A5P3**	2200	0.151	1.330	25×35	**2.94**
ϕ **LP332M050C5P3**	3300	0.101	1.710	25×35	**3.19**
ϕ **LP332M050E3P3**	3300	0.101	1.760	30×30	**3.42**
ϕ **LP472M050H3P3**	4700	0.071	2.270	35×30	**4.02**
ϕ **LP682M050E9P3**	6800	0.049	3.160	30×50	**6.34**
ϕ **LP822M050H9P3**	8200	0.040	3.429	35×50	**7.33**
63 VDC					
ϕ **LP122M063C1P3**	1200	0.210	0.990	22×25	**1.97**
ϕ **LP182M063A7P3**	1800	0.138	1.340	22×40	**3.69**
ϕ **LP222M063E3P3**	2200	0.113	1.550	30×30	**3.24**
ϕ **LP332M063H3P3**	3300	0.076	1.200	35×30	**7.73**
ϕ **LP472M063E9P3**	4700	0.053	2.840	30×50	**5.86**
ϕ **LP682M063H9P3**	6800	0.037	3.360	35×40	**10.38**
100 VDC					
ϕ **LP222M100H7P3**	2200	0.113	2.030	35×40	**6.04**
ϕ **LP272M100H7P3**	2700	0.092	2.320	35×40	**9.28**
200 VDC					
ϕ **LP151M200C1P3**	150	1.650	0.509	25×25	**2.17**
ϕ **LP471M200H3P3**	470	0.540	1.143	35×30	**4.06**
ϕ **LP102M200H9P3**	1000	0.250	2.114	35×50	**7.81**
250 VDC					
ϕ **LP101M250A1P3**	100	2.500	0.410	22×25	**2.94**
ϕ **LP221M250E1P3**	220	1.130	0.710	30×25	**3.09**
ϕ **LP471M250E7P3**	470	0.530	1.260	30×40	**5.56**



TYPE LPX RADIAL SNAP-IN CAPACITORS

85˚C - High voltage general purpose. High capacitance. Ideal for input filter in SMPS. **SPECIFICATIONS:** Operating temperature: –40˚C to +85˚C. Voltage range: 160 WVDC to 450 WVDC. Capacitance range: 56µF to 2,700µF. Capacitance tolerance: ±20% at +20˚C 120Hz.

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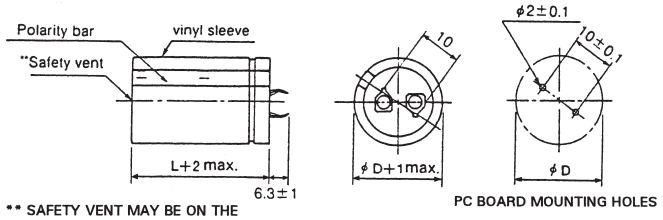
CDE CORNELL DUBILIER



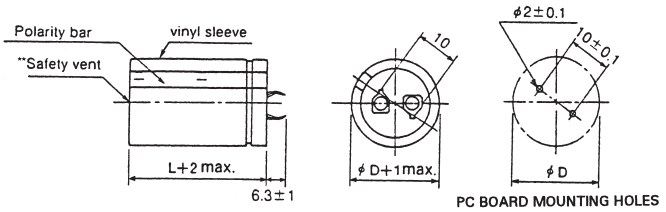
** SAFETY VENT MAY BE ON THE BOTTOM OR ON THE SIDE OF THE CAN

PC BOARD MOUNTING HOLES

TYPE 380LQ, 85˚C COMPACT, HIGH-CAPACITANCE SNAP-IN CAPACITORS

Type 380LQ is on average 27% smaller and more than 10 mm shorter than type 380LX. This is achieved with a new can-closure method that permits installing capacitor elements into smaller cans. Approaching the capability of the 380L, the 380LQ enables you to shrink equipment size and retain the original performance. **SPECIFICATIONS:** Leakage current: ≤ 3 √CV µA, 4 mA max, 5 minutes. Load life: 2000 h at full load at 85˚C.

	Cat. No.	Cap (µF)	Dim (mm) D	Dim (mm) L	Max ESR Ohms 120Hz +35˚C	Max Ripple A 120Hz 85˚C	Net Price Each 1-9	Net Price Each 10-Up
	16 VDC							
ϕ	**380LQ123M016H012**	12000	22	25	0.069	4.520	**$2.42**	**$2.22**
	25VDC							
ϕ	**380LQ822M025H012**	8200	22	25	0.081	3.570	**2.65**	**2.43**
ϕ	**380LQ153M025H032**	15000	22	35	0.044	4.630	**3.77**	**3.46**
ϕ	**380LQ223M025H452**	22000	22	45	0.030	6.100	**4.61**	**4.22**
	35 VDC							
ϕ	**380LQ562M035H012**	5600	22	25	0.104	3.360	**2.51**	**2.30**
ϕ	**380LQ153M035H452**	15000	22	45	0.039	5.570	**4.67**	**4.28**
	50 VDC							
ϕ	**380LQ332M050H012**	3300	22	25	0.151	2.730	**2.51**	**2.30**
ϕ	**380LQ472M050H022**	4700	22	30	0.106	3.030	**2.87**	**2.63**
ϕ	**380LQ822M050J032**	8200	25	35	0.061	4.410	**4.43**	**4.06**
ϕ	**380LQ183M050K452**	18000	30	45	0.028	6.940	**8.65**	**7.93**
	63 VDC							
ϕ	**380LQ222M063H012**	2200	22	25	0.188	2.520	**2.42**	**2.22**
ϕ	**380LQ392M063H032**	3900	22	35	0.106	4.440	**3.08**	**2.83**
ϕ	**380LQ682M063J452**	6800	25	45	0.061	5.840	**4.67**	**4.28**
ϕ	**380LQ123M063K452**	12000	30	45	0.035	7.150	**8.14**	**7.46**
	80 VDC							
ϕ	**380LQ332M080J032**	3300	25	35	0.100	3.210	**3.71**	**3.40**
	100 VDC							
ϕ	**380LQ562M100A042**	5600	35	40	0.059	5.750	**9.07**	**8.31**
	200 VDC							
ϕ	**380LQ471M200H022**	470	22	30	0.423	1.850	**3.26**	**2.99**
ϕ	**380LQ561M200J012**	560	25	25	0.355	2.430	**3.83**	**3.51**
ϕ	**380LQ102M200J032**	1000	25	35	0.199	3.250	**4.91**	**4.50**
ϕ	**380LQ152M200K032**	1500	30	35	0.144	3.870	**7.12**	**6.53**
ϕ	**380LQ272M200A052**	2700	35	50	0.086	5.450	**12.15**	**11.14**
	250 VDC							
ϕ	**380LQ561M250H042**	560	22	40	0.355	2.250	**4.40**	**4.03**
ϕ	**380LQ102M250J452**	1000	25	45	0.199	3.320	**7.12**	**6.53**
	350 VDC							
ϕ	**380LQ681M350A032**	680	35	35	0.293	2.960	**10.71**	**9.82**
	400 VDC							
ϕ	**380LQ221M400J022**	220	25	30	0.904	1.490	**4.49**	**4.12**
ϕ	**380LQ331M400K022**	330	30	30	0.603	1.900	**6.17**	**5.65**
ϕ	**380LQ561M400A032**	560	35	35	0.355	2.690	**9.25**	**8.48**
ϕ	**380LQ821M400A052**	820	35	50	0.243	3250	**12.84**	**11.77**
	450 VDC							
ϕ	**380LQ121M450H022**	120	22	30	1.656	1.040	**3.71**	**3.40**
ϕ	**380LQ221M450K022**	220	30	30	0.904	1.550	**5.75**	**5.27**
ϕ	**380LQ391M450K042**	390	30	40	0.510	2.240	**9.64**	**8.83**
ϕ	**380LQ471M450A042**	470	35	40	0.423	2.530	**11.31**	**10.37**
ϕ	**380LQ561M450A452**	560	35	45	0.355	2.820	**12.84**	**11.77**



** SAFETY VENT MAY BE ON THE BOTTOM OR ON THE SIDE OF THE CAN

PC BOARD MOUNTING HOLES

TYPE 381LQ, 105˚C COMPACT, HIGH-RIPPLE SNAP-IN CAPACITORS

Type 381LQ is an average 23% smaller and more than 5 mm shorter than type 381LX. This is achieved with a new can-closure method that permits installing capacitor elements into smaller cans. Approaching the robust capability of the 381L, the new 381LQ enables you to shrink equipment size and retain the original performance. **SPECIFICATIONS:** Leakage current: ≤ 3 √CV µA, 4 mA max, 5 minutes. Load life: 2000 h at full load at 105˚C.

	Cat. No.	Cap (µF)	Dim (mm) D	Dim (mm) L	Max ESR Ohms 120Hz +25˚C	Max Ripple A 120Hz 105˚C	Net Price Each 1-9	Net Price Each 10-Up
	16 VDC							
ϕ	**381LQ223M016H452**	22000	22	45	0.034	3.800	**$4.07**	**$3.73**
	25 VDC							
ϕ	**381LQ682M025H012**	6800	22	25	0.085	2.400	**2.64**	**2.42**
ϕ	**381LQ123M025J022**	12000	25	30	0.048	3.200	**3.71**	**3.40**
ϕ	**381LQ273M025A032**	27000	35	35	0.021	4.800	**7.15**	**6.56**
ϕ	**381LQ333M025K452**	33000	30	45	0.018	5.500	**8.26**	**7.57**
	35 VDC							
ϕ	**381LQ472M035H012**	4700	22	25	0.106	2.200	**2.64**	**2.42**
ϕ	**381LQ562M035H022**	56000	22	30	0.089	2.400	**2.87**	**2.63**
ϕ	**381LQ682M035H032**	6800	22	35	0.073	2.600	**3.11**	**2.85**
ϕ	**381LQ822M035H042**	8200	22	40	0.061	2.900	**3.59**	**3.29**
ϕ	**381LQ103M035H452**	10000	22	45	0.050	3.200	**4.07**	**3.73**
ϕ	**381LQ333M035A052**	33000	35	50	0.015	5.900	**11.34**	**10.40**
	50 VDC							
ϕ	**381LQ682M050K022**	6800	30	30	0.061	3.300	**4.46**	**4.09**
ϕ	**381LQ822M050K032**	8200	30	35	0.051	3.600	**5.03**	**4.61**
	63 VDC							
ϕ	**381LQ222M063H012**	2200	22	25	0.151	2.000	**2.76**	**2.53**
ϕ	**381LQ272M063H022**	2700	22	30	0.123	2.200	**2.86**	**2.62**
ϕ	**381LQ472M063J032**	4700	25	35	0.071	3.000	**4.49**	**4.12**
ϕ	**381LQ562M063K022**	56000	30	30	0.059	3.300	**5.36**	**4.91**
ϕ	**381LQ103M063K452**	10000	30	45	0.033	4.400	**8.35**	**7.66**
	80 VDC							
ϕ	**381LQ392M080K032**	3900	30	35	0.072	3.000	**5.69**	**5.21**
	100 VDC							
ϕ	**381LQ222M100J042**	2200	25	40	0.113	2.600	**5.12**	**4.69**
ϕ	**381LQ222M100K022**	2200	30	30	0.113	2.600	**5.63**	**5.16**
	160 VDC							
ϕ	**381LQ222M160K452**	2200	30	45	0.090	2.900	**9.04**	**8.29**
	200 VDC							
ϕ	**381LQ681M200J022**	680	25	30	0.293	1.750	**4.25**	**3.90**
ϕ	**381LQ122M200A022**	1200	35	30	0.180	2.650	**7.54**	**6.91**
ϕ	**381LQ182M200A042**	1800	35	40	0.129	3.080	**10.92**	**10.01**
ϕ	**381LQ222M200K052**	2200	30	50	0.090	3.480	**11.70**	**10.73**
	250 VDC							
ϕ	**381LQ331M250H022**	330	22	30	0.502	1.200	**3.59**	**3.29**
ϕ	**381LQ391M250H032**	3900	22	35	0.425	1.300	**4.07**	**3.73**
ϕ	**381LQ471M250J022**	470	25	30	0.353	1.400	**4.79**	**4.39**
ϕ	**381LQ561M250J032**	560	25	35	0.296	1.500	**5.15**	**4.72**
ϕ	**381LQ681M250K022**	680	30	30	0.244	1.700	**5.72**	**5.24**
ϕ	**381LQ102M250K042**	1000	30	40	0.166	2.200	**7.66**	**7.02**
	315 VDC							
ϕ	**381LQ331M315J032**	330	25	35	0.502	1.200	**5.09**	**4.66**
ϕ	**381LQ331M315K012**	330	30	25	0.502	1.200	**5.33**	**4.88**
	350 VDC							
ϕ	**381LQ221M350H032**	220	22	35	0.754	1.000	**3.92**	**3.59**
ϕ	**381LQ331M350J042**	330	25	40	0.502	1.200	**5.54**	**5.08**

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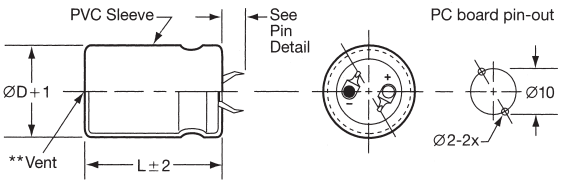
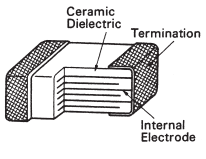


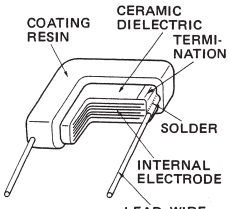
ESMH AND EKMH SERIES SNAP-IN MOUNT ALUMINUM ELECTROLYTIC CAPACITORS

The very high CV values and ripple current capabilities make these capacitors ideal for use in power supply filter circuits. These capacitors are non-solvent proof and are not recommended when halogenated cleaning solvents are used. Operating temperature range for **Series ESMH:** –40˚C to +85˚C for 6.3 to 100V and –25˚C to +85˚C for 160 to 450V. Operating temperature range for **Series EKMH:** –40˚C to +105˚C for 6.3 to 100V and –25˚C to +105˚C for 160 to 450V. Rated lifetime for **Series ESMH:** 2000 hours at +85˚C with applied rated ripple current. Rated lifetime for **Series EKMH:** 2000 hours at +105˚C with applied rated ripple current. Capacitance tolerance: ±20% (+20˚C, 120Hz). Leakage current: I = 0.02CV or 3mA, whichever is smaller, after 5 minutes at +20˚C.

Cat. No.	WV (DC)	Cap (µF)	D mm	L mm	Max ESR Ohms 120Hz +20˚C	Max Ripple mA 120Hz 85˚C	Net Price
ESMH350VSN153MA35T	35	15000	35	35	0.028	5.01	**$6.89**
ESMH500VSN472MR25T	50	4700	30	25	0.071	2.81	**5.05**
ESMH500VSN103MA35T	50	10000	35	35	0.033	4.92	**7.05**
ESMH630VSN682MR40T	63	6800	30	40	0.037	4.27	**4.99**
ESMH630VSN103MR50T	63	10000	30	50	0.025	5.49	**8.73**
ESMH800VSN392MR35T	80	3900	30	35	0.064	3.57	**4.83**
ESMH800VSN472MA30T	80	4700	35	30	0.053	4.09	**6.76**
ESMH800VSN103MA50T	80	10000	35	50	0.025	6.63	**10.60**
ESMH201VSN102MR40T	200	1000	30	40	0.166	2.95	**5.49**
ESMH251VSN471MQ35T	250	470	25.4	35	0.353	1.86	**4.21**
ESMH451VSN471MA50T	450	470	35	50	0.529	2.53	**9.04**
EKMH500VSN472MQ35T	50	4700	25.4	35	0.071	2.39	**3.09**
EKMH201VSN271MP25T	200	270	22	25	0.614	0.87	**2.59**
EKMH201VSN331MP30T	200	330	22	30	0.502	1.2	**2.90**
EKMH201VSN471MQ30T	200	470	25.4	30	0.353	1.41	**3.59**
EKMH201VSN681MQ40T	200	680	25.4	40	0.244	1.74	**4.49**
EKMH251VSN181MP25T	250	180	22	25	0.921	0.78	**2.65**
EKMH251VSN221MP30T	250	220	22	30	0.753	0.95	**2.77**
EKMH251VSN471MR30T	250	470	30	30	0.353	1.57	**4.61**
EKMH251VSN471MQ40T	250	470	25.4	40	0.353	1.57	**4.36**
EKMH251VSN681MQ50T	250	680	25.4	50	0.244	1.84	**5.64**
EKMH401VSN331MR45T	400	330	30	45	0.753	1.39	**7.73**
EKMH401VSN471MA45T	400	470	35	45	0.529	1.74	**11.97**
EKMH451VSN101MQ30T	450	100	25.4	30	2.486	0.57	**4.27**
EKMH451VSN331MR50T	450	330	30	50	0.753	1.38	**10.88**
EKMH451VSN471MA50T	450	470	35	50	0.529	1.72	**9.01**



KHC



KCD

MULTILAYER CERAMIC CAPACITORS

Lowest ESR and most superior frequency characteristics of all multi-layer ceramic capacitors. MLCC's outperform other dielectrics for pure noise filtering capability at specific high frequencies at moderate temperatures. A 22µF @ 25Vdc 2220 EIA case chip has an ESR value of 2-4mΩ @ 500KHz @ 20˚C. Y5U. EIA standard SMD case sizes from 0805-3025 radial package available in 5mm lead space to 22.5mm end space. Capacitance values of .10µF-100µF. Voltages from 20V-250Vdc.

Cat. No.	WV (DC)	Cap (µF)	EIA Case Size	Max Ripple (A rms) 10KHz-1MHz, 125˚C	Net Price
KHC250E225Z31R0T00	25	2.2	1206	0.3	**$1.47**
KHC250E475Z32R0T00	25	4.7	1210	0.5	**2.65**
KHC250E106Z43R0T00	25	10	1812	1.0	**5.24**
KHC250E226Z55R0T00	25	22	2220	1.5	**8.18**
KHC500E106Z55R0T00	50	10	2220	1.5	**6.52**
KHC500E226Z76R0T00	50	22	3025	2.0	**11.27**

Cat. No.	WV (DC)	Cap (µF)	Max Ripple (A rms) 10KHz-1MHz, 125˚C	Net Price
KCD250E225M43A0B00	25	2.2	0.8	**$1.52**
KCD250E475M55A0B00	25	4.7	1.0	**3.04**
KCD250E106M76A0B00	25	10.0	1.5	**5.19**
KCD500E225M55A0B00	50	2.2	1.0	**2.40**
KCD500E475M76A0B00	50	4.7	1.5	**4.12**
KCD500E106M80A0B00	50	10.0	2.0	**8.38**

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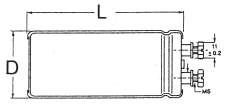
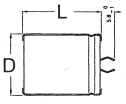
BC COMPONENTS LONG-LIFE ELECTROLYTIC CAPACITORS

FEATURES:
- Useful Life 2000 to 1000 hours at 105˚C
- Temperature Range: –40 to +105˚C
- Tolerance on Cr: +/–20%

Cat. No.	Cap (µF)	Voltage	Dimensions (mm) (D×L)	Ripple Current	Net Price
2222 138 35101	16	100	7.7×12.7	130	**$1.31**
2222 138 35471	16	470	10×18	360	**1.39**
2222 138 15102	16	1000	10×30	630	**1.40**
2222 138 36229	25	22	6.3×12.7	61	**1.19**
2222 138 36479	25	47	7.7×12.7	96	**1.31**
2222 138 36101	25	100	6.5×18	160	**1.03**
2222 138 36221	25	220	10×18	270	**1.39**
2222 138 36471	25	470	10×25	440	**1.68**
2222 138 16102	25	1000	12.5×30	790	**1.60**
2222 138 37101	40	100	8×18	180	**1.11**
2222 138 37221	40	220	10×25	350	**1.68**
2222 138 17471	40	470	12.5×30	650	**1.48**
2222 138 17102	40	1000	15×30	970	**2.06**
2222 138 38229	63	22	6.5×18	100	**1.03**
2222 138 38479	63	47	8×18	150	**1.11**
2222 138 38101	63	100	10×25	280	**1.68**
2222 138 18221	63	220	12.5×30	560	**1.47**
2222 138 18471	63	470	15×30	860	**2.02**
2222 138 18102	63	1000	18×40	1460	**3.21**
2222 138 19101	100	100	12.5×30	410	**1.55**
2222 138 19221	100	220	15×30	650	**2.17**
2222 138 19471	100	470	18×40	1130	**3.44**



SCREW TERMINALS



SNAP-IN

BC COMPONENTS LONG-LIFE SNAP-IN CAPACITORS

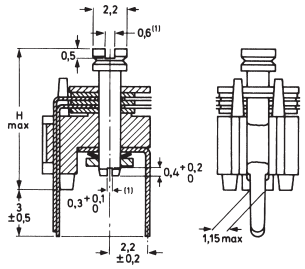
FEATURES: Long life up to 10000 hours at 105˚C. Low ESR, high ripple current capability. **SPECIFICATIONS:** Temperature range: –40 to 105˚C. Tolerance: ±20%. Shelf life at 40˚C and 1.9I_R applied: 500 hours. Climatic category IEC 60068: 40/105/56.

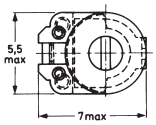
Cat. No.	Cap (µF)	Diameter D×L (mm)	Ripple Current (A)	Max. ESR Ohms 120 Hz +20˚C	Net Price
40VDC					
222205857222	2200	22×30	2.04	87	**$3.54**
222205857332	3300	25×30	2.43	71	**3.98**
222205857472	4700	30×30	2.96	59	**4.67**
222205857103	10000	35×40	4.18	46	**6.76**
63VDC					
222205858222	2200	30×30	2.27	101	**4.62**
222205858332	3300	30×40	3.07	70	**5.45**
222205858472	4700	35×40	3.65	60	**6.62**
222205858682	6800	35×50	4.58	46	**7.89**
222205859102	1000	30×30	1.79	163	**4.67**

BC COMPONENTS SCREW TERMINAL HIGH RIPPLE POWER CAPACITORS

FEATURES: Long life. Pressure relief in the sealing. **SPECIFICATIONS:** Temperature range: –40 to +85˚C. Tolerance: ±20%. Shelf life at 0V, 85˚C: 500 hours. Climatic category IEC 60068: 40/085/56.

Cat. No.	Cap (µF)	Diameter D×L (mm)	Ripple Current (A)	Max. ESR Ohms 120 Hz +20˚C	Net Price
25VDC					
222210126333	33000	50×80	9	19	**$21.82**
222210116473	47000	35×105	12.1	15	**21.45**
40VDC					
222210127473	47000	50×105	14.6	12	**31.18**
63VDC					
222210128103	10000	35×105	8.1	27	**20.25**
222210128223	22000	50×105	11.1	19	**29.78**
222210128333	33000	65×105	12.9	14	**42.17**
100VDC					
222210129332	3300	35×80	6	42	**18.98**
222210129103	10000	50×105	10.5	21	**32.92**
250VDC					
222210223682	6800	76×146	18.1	21	**51.89**
450VDC					
222210227102	1000	50×105	5.7	118	**32.35**

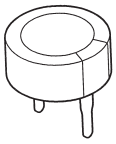


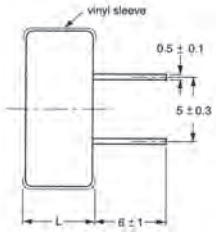


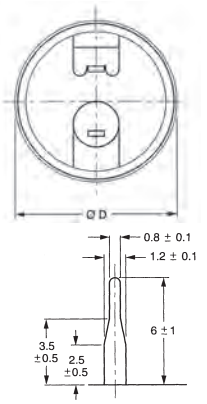
BC COMPONENTS 808 FILM DIELECTRIC TRIMMER CAPACITORS

The 808 series trimmer capacitors has been designed primarily for UHF and VHF industrial communications. These high stability trimmers are designed for professional or consumer use, vertical or horizontal mounting and are intended for printed circuit board usage. The vanes are stacked on a straight mopolen base with plastic dielectric foils. The top end of the rotor spindle has a screwdriver slot which facilitates adjustment of the trimmer. **SPECIFICATIONS:** Working voltage: 250VDC. Temperature range: –40˚C to +70˚C.

Cat. No.	Max. Cap. pF	Min. Cap. pF	Temp. Coeff. PPM	Colour of Base	Net Price
5MM VERSION					
222280823508	1.5	5.0	–200±300	Grey	**$.83**
222280823109	2.0	10	–200±300	Yellow	**.82**
222280823159	2.5	15	–50±200	Blue	**.96**
222280823209	4.0	20	–50±300	Green	**1.09**
7.5MM VERSION					
222280811558	1.4	5.5	–400±300	Grey	**.68**
222280811109	2.0	9.0	–450±450	Yellow	**.68**
222280811229	2.0	22	–250±350	Green	**.68**
222280811279	2.0	27	–250±300	Red	**.68**
222280811339	3.0	33	–250±300	Brown	**.82**
222280811409	3.0	40	–100±300	Violet	**.83**
222280811509	3.0	50	–100±300	Black	**.99**
10MM VERSION					
222280831809	6.0	80	–100±300	Red	**1.12**
222280831101	7.0	100	–100±300	Violet	**1.27**
222280832659	5.5	65	–200±300	Yellow	**1.11**







BC COMPONENTS ELECTRIC DOUBLE LAYER CAPACITORS

Suitable for energy storage, for backup of semiconductor memories, telecommunication, audio-video, EDP, general industrial, clock and timer systems. **Specifications:** Operating Temperature Range: –25˚ to +70˚C. Tolerance: –20% to +80%. Working Voltage: 55 WVDC. **Features:** Unlimited charge and discharge cycle numbers. No charge-discharge control circuitry and no series resistor necessary. Available in both vertical and low-profile version. Polarized capacitor with high charge density, alternative product to re-chargeable backup batteries.

Cat. No.	Cap	Diameter D×L (mm)	Inflow Current (µA)	Internal Resistance Ω(1KHz)	Net Price
5.5VDC					
222219612104	0.10F	13×7	100	75	**$1.95**
222219612224	0.22F	13×7	135	75	**2.12**
222219612474	0.47F	12×7.5	216	30	**5.30**
222219612105	1.0F	12×7.5	315	30	**5.51**

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