

# Type DCMC 85 °C High Capacitance, Screw Terminal, Aluminum

## Highest Capacitance Screw Terminal Type



With more capacitance and often more ripple-current capability than the best-value Type 3186 capacitor, the Type DCMC capacitor is the better choice for high-capacitance, power supply filters and energy storage applications such as welding equipment, UPS systems and computer hold-up power. The extended cathode foil of the DCMC assures cool operation with heatflow from the capacitor element to the can.

### Highlights

- Highest capacitance value
- Right for Power Supply and UPS systems
- Thermal-Pak™ extended cathode construction

### Specifications

Temperature Range	-40 °C to +85 °C							
Rated Voltage Range	6.3 Vdc to 550 Vdc							
Capacitance Range	110 µF to 2.7 F							
Capacitance Tolerance	-10% +75% ≤ 100 Vdc -10% +50% ≥ 160 Vdc							
Leakage Current	≤ 6 $\sqrt{CV}$ µA, 6 mA max, at 5 min							
Ripple Current Multipliers	Ambient Temperature							
		45 °C	55 °C	65 °C	75 °C	85 °C		
		2.24	2.00	1.73	1.41	1.00		
	Frequency							
		50 Hz	60 Hz	120 Hz	360 Hz	1 kHz	5 kHz	10 kHz & up
	1 3/8" & 1 3/4" Diameters 6.3 to 160 V 200 to 350 V 400 to 550 V	0.92	0.94	1.00	1.05	1.10	1.10	1.12
		0.80	0.85	1.00	1.17	1.30	1.30	1.32
		0.78	0.83	1.00	1.20	1.35	1.36	1.40
	2" & 2 1/2" Diameters 6.3 to 160 V 200 to 350 V 400 to 550 V	0.93	0.95	1.00	1.04	1.07	1.11	1.12
		0.81	0.87	1.00	1.13	1.20	1.24	1.26
0.79		0.83	1.00	1.17	1.26	1.30	1.34	
3" & 3 1/2" Diameters 6.3 to 160 V 200 to 350 V 400 to 550 V	0.95	0.96	1.00	1.02	1.04	1.05	1.05	
	0.85	0.88	1.00	1.08	1.12	1.14	1.17	
	0.82	0.84	1.00	1.13	1.20	1.24	1.27	
Low Temperature Characteristics	Impedance ratio: $Z_{-20^{\circ}\text{C}}/Z_{+25^{\circ}\text{C}}$ ≤ 20 (6.3–10 Vdc) ≤ 8 (16–50 Vdc) ≤ 4 (63–100 Vdc) ≤ 3 (150–550 Vdc)							
Endurance Life Test	2000 h @ full load at 85 °C Δ Capacitance ±20% ESR 200% of limit DCL 100% of limit							
Shelf Life Test	500 h @ 85 °C Capacitance 100% of limit ESR 100% of limit DCL 100% of limit							
Vibration	5 to 55 Hz, 0.06" and 10 g max, 1.5 h each of 2 axes							
RoHS Compliant								

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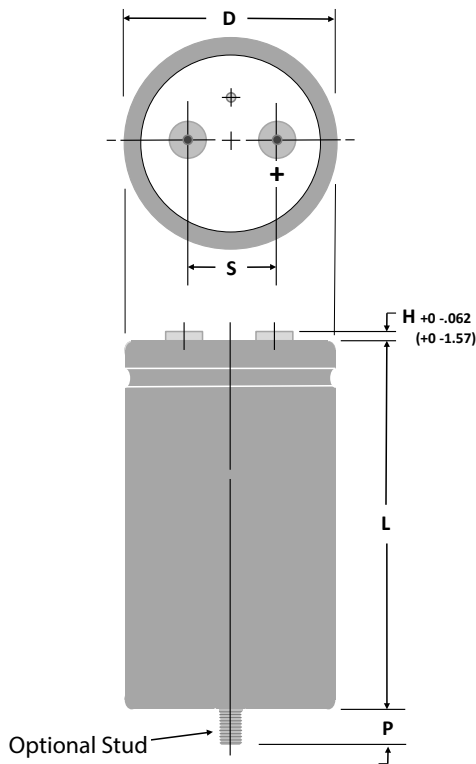
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### Part Numbering System

<b>DCMC</b>	<b>472</b>	<b>U</b>	<b>400</b>	<b>DC</b>	<b>2</b>	<b>B</b>	<b>S</b>
<b>Type</b>	<b>Capacitance</b>	<b>Tolerance</b>	<b>Voltage</b>	<b>Case Code</b>	<b>Insulation</b>	<b>Terminal</b>	<b>Can Style</b>
<b>100</b> = 10 $\mu$ F	<b>101</b> = 100 $\mu$ F	<b>M</b> = $\pm 20\%$	<b>6R3</b> = 6.3 Vdc	<b>0</b> = None	<b>0</b> = None	<b>A</b> = Low Post	<b>Blank</b> =
<b>492</b> = 4900 $\mu$ F	<b>433</b> = 43,000 $\mu$ F	<b>U</b> = -10%+75%	<b>063</b> = 63 Vdc	<b>1</b> = Polyester	<b>1</b> = Polyester	<b>B</b> = High Post	Standard
		<b>T</b> = 10%+50%	<b>400</b> = 400 Vdc	<b>2</b> = PVC	<b>2</b> = PVC	<b>D</b> = High Current, Low Post	<b>S</b> = Stud
						<b>E</b> = High Current, High Post	Bottom
						<b>F or M</b> = M5 Post	<b>P</b> = Stud
						<b>G</b> = M6 Low Post	with
						<b>H</b> = M6 High Post	Thermal
							Pad

Polyester insulation is not available for 3.5-inch diameter units.  
Standard insulation is 0.008-in PVC sleeve with 0.01-in polypropylene end disk.

### Outline Drawing



NOTE: With the stud-mount feature, a thermally-conductive disk can be inserted in the bottom flush with the outer insulating sleeve. This reduces the thermal resistance through the can bottom by 0.3 °C/W. Can Style P.

### Stud Dimensions

Case Diam.	Stud Thread	P ± 0.039" (±1.0 mm)
1.375	M8	0.470" (12.0)
1.750	M8	0.470" (12.0)
2.000	M12	0.630" (16.0)
2.500	M12	0.630" (16.0)
3.000	M12	0.630" (16.0)
3.500	M12	0.630" (16.0)

### Terminal Dimensions

Terminal Style	For Case Diameters	Code	Post Diameter		H max		Thread	min Full Thread		Torque	
			in	mm	in	mm		in	mm	in-lb	N-m
<b>Low Post</b>	1 3/8 to 3	A	0.314	8.0	0.094	2.4	10-32	0.218	5.5	25	2.82
<b>High Post</b>	1 3/8 to 3	B	0.314	8.0	0.281	7.1	10-32	0.375	9.5	25	2.82
<b>High Current, Low</b>	2 1/2 to 3 1/2	D	0.684	17.4	0.125	3.2	1/4-28	0.344	8.7	60	6.78
<b>High Current, High</b>	2 1/2 to 3 1/2	E	0.684	17.4	0.281	7.1	1/4-28	0.469	11.9	60	6.78
<b>M5 Post, Small</b>	1 3/8 to 2	M	0.314	8.0	0.281	7.1	M5	0.375	9.5	25	2.82
<b>M5 Post</b>	2 1/2 & 3	F	0.512	13.0	0.230	5.8	M5	0.344	8.7	25	2.82
<b>M6 Low Post</b>	2 1/2 to 3 1/2	G	0.684	17.4	0.125	3.2	M6	0.344	8.7	60	6.78
<b>M6 High Post</b>	2 1/2 to 3 1/2	H	0.684	17.4	0.281	7.1	M6	0.469	11.9	60	6.78

NOTE: Only high post and M5 post terminals are available at 550 Vdc as they meet the required creepage distance.

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### Uninsulated Case Dimensions

For insulated case, add 0.024"(0.610 mm) to "D" and 0.030"(0.762 mm) to height.

Case Code	Diam. (D)		Length (L)		Terminals (S)		Typical Weight	
	±.031 Inches	±.78 mm	±.062 Inches	±1.57 mm	±0.015 Inches	±.38 mm	oz	g
<b>AK</b>	1.375	34.93	1.625	41.28	0.50	12.70	1.9	54
<b>AA</b>	1.375	34.93	2.125	53.98	0.50	12.70	2.0	57
<b>AH</b>	1.375	34.93	2.625	66.68	0.50	12.70	2.7	77
<b>AB</b>	1.375	34.93	3.125	79.38	0.50	12.70	3.3	94
<b>AJ</b>	1.375	34.93	3.625	92.08	0.50	12.70	3.8	108
<b>AC</b>	1.375	34.93	4.125	104.78	0.50	12.70	4.4	125
<b>AD</b>	1.375	34.93	4.625	117.48	0.50	12.70	5.1	145
<b>AE</b>	1.375	34.93	5.125	130.18	0.50	12.70	6.8	193
<b>AF</b>	1.375	34.93	5.625	142.88	0.50	12.70	8.1	230
<b>EA</b>	1.750	44.45	2.125	53.98	0.75	19.05	2.7	76
<b>EH</b>	1.750	44.45	2.625	66.68	0.75	19.05	3.8	108
<b>EB</b>	1.750	44.45	3.125	79.38	0.75	19.05	5.1	145
<b>EJ</b>	1.750	44.45	3.625	92.08	0.75	19.05	6.8	193
<b>EC</b>	1.750	44.45	4.125	104.78	0.75	19.05	8.1	230
<b>ED</b>	1.750	44.45	4.625	117.48	0.75	19.05	9.0	255
<b>EE</b>	1.750	44.45	5.125	130.18	0.75	19.05	9.5	269
<b>EF</b>	1.750	44.45	5.625	142.88	0.75	19.05	10.5	298
<b>BA</b>	2.000	50.80	2.125	53.98	0.88	22.23	5.4	153
<b>BH</b>	2.000	50.80	2.625	66.68	0.88	22.23	6.1	173
<b>BB</b>	2.000	50.80	3.125	79.38	0.88	22.23	6.8	193
<b>BJ</b>	2.000	50.80	3.625	92.08	0.88	22.23	8.2	232
<b>BC</b>	2.000	50.80	4.125	104.78	0.88	22.23	9.5	269
<b>BD</b>	2.000	50.80	4.625	117.48	0.88	22.23	10.3	292
<b>BE</b>	2.000	50.80	5.125	130.18	0.88	22.23	10.7	303
<b>BF</b>	2.000	50.80	5.625	142.88	0.88	22.23	13.0	369
<b>CH</b>	2.500	63.50	2.625	66.68	1.13	28.58	9.2	261
<b>CB</b>	2.500	63.50	3.125	79.38	1.13	28.58	10.4	295
<b>CJ</b>	2.500	63.50	3.625	92.08	1.13	28.58	12.7	361
<b>CC</b>	2.500	63.50	4.125	104.78	1.13	28.58	15.0	425
<b>CD</b>	2.500	63.50	4.625	117.48	1.13	28.58	17.2	488
<b>CE</b>	2.500	63.50	5.125	130.18	1.13	28.58	19.3	547
<b>CF</b>	2.500	63.50	5.625	142.88	1.13	28.58	21.4	607
<b>DB</b>	3.000	76.20	3.125	79.38	1.25	31.75	16.7	473
<b>DJ</b>	3.000	76.20	3.625	92.08	1.25	31.75	20.0	567
<b>DC</b>	3.000	76.20	4.125	104.78	1.25	31.75	22.2	629
<b>DD</b>	3.000	76.20	4.625	117.48	1.25	31.75	25.5	723
<b>DE</b>	3.000	76.20	5.125	130.18	1.25	31.75	30.0	850
<b>DF</b>	3.000	76.20	5.625	142.88	1.25	31.75	31.9	904
<b>DP</b>	3.000	76.20	5.875	149.23	1.25	31.75	32.8	931
<b>DN</b>	3.000	76.20	7.625	193.68	1.25	31.75	39.5	1119
<b>DG</b>	3.000	76.20	8.625	219.08	1.25	31.75	43.3	1227
<b>FC</b>	3.500	88.90	4.125	104.78	1.25	31.75	30.0	850
<b>FD</b>	3.500	88.90	4.625	117.48	1.25	31.75	34.4	976
<b>FE</b>	3.500	88.90	5.125	130.18	1.25	31.75	40.5	1148
<b>FF</b>	3.500	88.90	5.625	142.88	1.25	31.75	43.1	1221
<b>FP</b>	3.500	88.90	5.875	149.23	1.25	31.75	44.3	1257
<b>FN</b>	3.500	88.90	7.625	193.68	1.25	31.75	53.3	1512
<b>FG</b>	3.500	88.90	8.625	219.08	1.25	31.75	58.5	1658

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Cap. (µF)	Catalog Part Number	ESR Max. @ 25 °C 120 Hz (mΩ)	Ripple Max. @ 85°C 120 Hz (A)	Nominal Size D x L (inches)	Cap. (µF)	Catalog Part Number	ESR Max. @ 25 °C 120 Hz (mΩ)	Ripple Max. @ 85°C 120 Hz (A)	Nominal Size D x L (inches)
<b>6.3 Vdc (8 Vdc Surge)</b>					<b>10 Vdc (12 Vdc Surge)</b>				
28000	DCMC283U6R3AK2B	46.9	4.1	1 3/8 x 1 5/8	2700000	DCMC275U6R3FG2D	2.4	56.5	3 1/2 x 8 5/8
57000	DCMC573U6R3AA2B	26.5	6.1	1 3/8 x 2 1/8	24000	DCMC243U010AK2B	46.9	4.1	1 3/8 x 1 5/8
68000	DCMC683U6R3AH2B	18.8	7.8	1 3/8 x 2 5/8	44000	DCMC443U010AA2B	26.5	6.1	1 3/8 x 2 1/8
91000	DCMC913U6R3AB2B	14.7	9.4	1 3/8 x 3 1/8	57000	DCMC573U010AH2B	20.1	7.5	1 3/8 x 2 5/8
100000	DCMC104U6R3EA2B	18.8	8.8	1 3/4 x 2 1/8	76000	DCMC763U010AB2B	15.5	9.2	1 3/8 x 3 1/8
110000	DCMC114U6R3AJ2B	12.8	11.2	1 3/8 x 3 5/8	79000	DCMC793U010EA2B	18.8	8.8	1 3/4 x 2 1/8
120000	DCMC124U6R3EH2B	14.3	11.0	1 3/4 x 2 5/8	96000	DCMC963U010AJ2B	12.8	11.2	1 3/8 x 3 5/8
130000	DCMC134U6R3AC2B	11.0	13.0	1 3/8 x 4 1/8	100000	DCMC104U010EH2B	14.3	11.0	1 3/4 x 2 5/8
130000	DCMC134U6R3BA2B	14.2	11.9	2 x 2 1/8	100000	DCMC104U010BA2B	17.6	10.3	2 x 2 1/8
150000	DCMC154U6R3BH2B	9.9	11.6	2 x 2 5/8	110000	DCMC114U010AC2B	11.0	13.5	1 3/8 x 4 1/8
160000	DCMC164U6R3AD2B	9.8	12.5	1 3/8 x 4 5/8	130000	DCMC134U010AD2B	9.8	11.6	1 3/8 x 4 5/8
160000	DCMC164U6R3EB2B	11.0	12.6	1 3/4 x 3 1/8	140000	DCMC144U010EB2B	11.0	11.8	1 3/4 x 3 1/8
180000	DCMC184U6R3AE2B	8.9	14.7	1 3/8 x 5 1/8	140000	DCMC144U010BH2B	13.4	11.4	2 x 2 5/8
200000	DCMC204U6R3AF2B	8.3	16.0	1 3/8 x 5 5/8	150000	DCMC154U010AE2B	8.9	14.7	1 3/8 x 5 1/8
200000	DCMC204U6R3EJ2B	9.1	15.9	1 3/4 x 3 5/8	170000	DCMC174U010AF2B	8.3	16.0	1 3/8 x 5 5/8
210000	DCMC214U6R3BB2B	7.8	17.8	2 x 3 1/8	170000	DCMC174U010EJ2B	9.1	15.9	1 3/4 x 3 5/8
240000	DCMC244U6R3EC2B	7.9	18.3	1 3/4 x 4 1/8	180000	DCMC184U010BB2B	10.5	15.4	2 x 3 1/8
260000	DCMC264U6R3BJ2B	6.5	15.6	2 x 3 5/8	210000	DCMC214U010EC2B	7.9	18.3	1 3/4 x 4 1/8
260000	DCMC264U6R3CH2B	6.9	16.2	2 1/2 x 2 5/8	220000	DCMC224U010BJ2B	8.7	13.5	2 x 3 5/8
280000	DCMC284U6R3ED2B	7.0	17.1	1 3/4 x 4 5/8	220000	DCMC224U010CH2B	8.8	14.4	2 1/2 x 2 5/8
310000	DCMC314U6R3BC2B	5.6	20.2	2 x 4 1/8	240000	DCMC244U010ED2B	7.0	17.1	1 3/4 x 4 5/8
320000	DCMC324U6R3EE2B	6.4	19.7	1 3/4 x 5 1/8	270000	DCMC274U010BC2B	7.5	17.4	2 x 4 1/8
350000	DCMC354U6R3CB2B	5.3	22.6	2 1/2 x 3 1/8	280000	DCMC284U010EE2B	6.4	19.7	1 3/4 x 5 1/8
360000	DCMC364U6R3EF2B	6.0	22.0	1 3/4 x 5 5/8	290000	DCMC294U010CB2B	6.7	20.0	2 1/2 x 3 1/8
370000	DCMC374U6R3BD2B	5.0	24.9	2 x 4 5/8	310000	DCMC314U010EF2B	6.0	22.0	1 3/4 x 5 5/8
420000	DCMC424U6R3BE2B	4.5	23.0	2 x 5 1/8	310000	DCMC314U010BD2B	6.7	21.5	2 x 4 5/8
440000	DCMC444U6R3CJ2B	4.3	25.0	2 1/2 x 3 5/8	350000	DCMC354U010BE2B	6.1	19.8	2 x 5 1/8
470000	DCMC474U6R3BF2B	4.2	26.7	2 x 5 5/8	370000	DCMC374U010CJ2B	5.5	22.1	2 1/2 x 3 5/8
520000	DCMC524U6R3DB2B	4.1	28.3	3 x 3 1/8	400000	DCMC404U010BF2B	5.7	22.9	2 x 5 5/8
530000	DCMC534U6R3CC2D	3.8	30.4	2 1/2 x 4 1/8	430000	DCMC434U010DB2B	4.1	28.3	3 x 3 1/8
610000	DCMC614U6R3CD2D	3.4	33.4	2 1/2 x 4 5/8	440000	DCMC444U010CC2B	4.8	26.9	2 1/2 x 4 1/8
650000	DCMC654U6R3DJ2D	3.3	34.6	3 x 3 5/8	510000	DCMC514U010CD2B	4.3	29.5	2 1/2 x 4 5/8
700000	DCMC704U6R3CE2D	3.1	33.3	2 1/2 x 5 1/8	540000	DCMC544U010DJ2D	3.3	34.6	3 x 3 5/8
780000	DCMC784U6R3DC2D	2.9	35.7	3 x 4 1/8	590000	DCMC594U010CE2B	3.9	29.5	2 1/2 x 5 1/8
790000	DCMC794U6R3CF2D	2.8	37.9	2 1/2 x 5 5/8	640000	DCMC644U010DC2D	2.9	35.7	3 x 4 1/8
910000	DCMC914U6R3DD2D	2.6	41.0	3 x 4 5/8	660000	DCMC664U010CF2D	3.6	33.5	2 1/2 x 5 5/8
1000000	DCMC105U6R3DE2D	2.4	44.4	3 x 5 1/8	750000	DCMC754U010DD2D	2.6	41.0	3 x 4 5/8
1100000	DCMC115U6R3DF2D	2.4	45.0	3 x 5 5/8	860000	DCMC864U010DE2D	2.4	44.4	3 x 5 1/8
1100000	DCMC115U6R3FC2D	3.0	41.4	3 1/2 x 4 1/8	900000	DCMC904U010FC2D	2.9	41.6	3 1/2 x 4 1/8
1200000	DCMC125U6R3DP2D	2.4	51.5	3 x 5 7/8	940000	DCMC944U010DF2D	2.3	47.1	3 x 5 5/8
1200000	DCMC125U6R3FD2D	2.6	43.2	3 1/2 x 4 5/8	1000000	DCMC105U010DP2D	2.3	52.8	3 x 5 7/8
1400000	DCMC145U6R3FE2D	2.4	47.1	3 1/2 x 5 1/8	1000000	DCMC105U010FD2D	2.8	42.0	3 1/2 x 4 5/8
1600000	DCMC165U6R3DN2D	2.4	49.3	3 x 7 5/8	1200000	DCMC125U010FE2D	2.5	46.3	3 1/2 x 5 1/8
1600000	DCMC165U6R3FF2D	2.4	47.9	3 1/2 x 5 5/8	1300000	DCMC135U010FF2D	2.2	50.3	3 1/2 x 5 5/8
1700000	DCMC175U6R3FP2D	2.4	49.4	3 1/2 x 5 7/8	1400000	DCMC145U010DN2D	2.1	52.7	3 x 7 5/8
1900000	DCMC195U6R3DG2D	2.4	49.9	3 x 8 5/8	1400000	DCMC145U010FP2D	2.1	52.7	3 1/2 x 5 7/8
2300000	DCMC235U6R3FN2D	2.4	54.1	3 1/2 x 7 5/8	1600000	DCMC165U010DG2D	2.1	54.2	3 x 8 5/8

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Cap. (µF)	Catalog Part Number	ESR Max. @ 25 °C 120 Hz (mΩ)	Ripple Max. @ 85°C 120 Hz (A)	Nominal Size D x L (inches)
1900000	DCMC195U010FN2D	1.8	64.3	3 1/2 x 7 5/8
2200000	DCMC225U010FG2D	1.5	70.6	3 1/2 x 8 5/8
<b>16 Vdc (20 Vdc Surge)</b>				
21000	DCMC213U016AK2B	46.9	4.1	1 3/8 x 1 5/8
35000	DCMC353U016AA2B	26.5	6.1	1 3/8 x 2 1/8
49000	DCMC493U016AH2B	20.1	7.5	1 3/8 x 2 5/8
57000	DCMC573U016EA2B	18.8	8.3	1 3/4 x 2 1/8
62000	DCMC623U016AB2B	15.5	9.7	1 3/8 x 3 1/8
73000	DCMC733U016BA2B	17.6	9.5	2 x 2 1/8
76000	DCMC763U016AJ2B	12.8	11.7	1 3/8 x 3 5/8
77000	DCMC773U016EH2B	15.3	11.1	1 3/4 x 2 5/8
90000	DCMC903U016AC2B	11.0	13.5	1 3/8 x 4 1/8
99000	DCMC993U016AD2B	9.8	11.6	1 3/8 x 4 5/8
100000	DCMC104U016EB2B	12.5	11.1	1 3/4 x 3 1/8
110000	DCMC114U016AE2B	8.9	14.0	1 3/8 x 5 1/8
110000	DCMC114U016BH2B	13.4	12.0	2 x 2 5/8
130000	DCMC134U016AF2B	8.3	16.0	1 3/8 x 5 5/8
130000	DCMC134U016EJ2B	10.9	14.6	1 3/4 x 3 5/8
130000	DCMC134U016BB2B	10.5	15.4	2 x 3 1/8
150000	DCMC154U016EC2B	9.7	16.5	1 3/4 x 4 1/8
160000	DCMC164U016BJ2B	8.7	13.5	2 x 3 5/8
160000	DCMC164U016CH2B	8.8	14.4	2 1/2 x 2 5/8
180000	DCMC184U016ED2B	8.8	15.3	1 3/4 x 4 5/8
200000	DCMC204U016BC2B	7.5	17.4	2 x 4 1/8
210000	DCMC214U016EE2B	8.2	17.5	1 3/4 x 5 1/8
220000	DCMC224U016CB2B	6.7	20.0	2 1/2 x 3 1/8
230000	DCMC234U016EF2B	7.8	19.3	1 3/4 x 5 5/8
230000	DCMC234U016BD2B	6.7	21.5	2 x 4 5/8
260000	DCMC264U016BE2B	6.1	19.8	2 x 5 1/8
270000	DCMC274U016CJ2B	5.5	22.1	2 1/2 x 3 5/8
290000	DCMC294U016BF2B	5.7	22.9	2 x 5 5/8
320000	DCMC324U016CC2B	5.0	25.6	2 1/2 x 4 1/8
320000	DCMC324U016DB2B	4.2	28.9	3 x 3 1/8
380000	DCMC384U016CD2B	4.6	28.5	2 1/2 x 4 5/8
400000	DCMC404U016DJ2D	3.6	33.3	3 x 3 5/8
430000	DCMC434U016CE2B	4.4	27.9	2 1/2 x 5 1/8
480000	DCMC484U016DC2D	3.3	33.8	3 x 4 1/8
490000	DCMC494U016CF2D	4.2	31.2	2 1/2 x 5 5/8
560000	DCMC564U016DD2D	3.1	37.5	3 x 4 5/8
650000	DCMC654U016DE2D	2.8	40.5	3 x 5 1/8
700000	DCMC704U016FC2D	2.9	41.6	3 1/2 x 4 1/8
710000	DCMC714U016DF2D	2.8	42.8	3 x 5 5/8
750000	DCMC754U016DP2D	2.8	48.3	3 x 5 7/8
810000	DCMC814U016FD2D	2.8	42.1	3 1/2 x 4 5/8
930000	DCMC934U016FE2D	2.5	46.2	3 1/2 x 5 1/8
1000000	DCMC105U016FF2D	2.4	48.3	3 1/2 x 5 5/8
1000000	DCMC105U016DN2D	2.6	47.5	3 x 7 5/8
1500000	DCMC155U016FN2D	2.3	55.4	3 1/2 x 7 5/8

Cap. (µF)	Catalog Part Number	ESR Max. @ 25 °C 120 Hz (mΩ)	Ripple Max. @ 85°C 120 Hz (A)	Nominal Size D x L (inches)
1700000	DCMC175U016FG2D	2.3	58.2	3 1/2 x 8 5/8
<b>25 Vdc (30 Vdc Surge)</b>				
12000	DCMC123U025AK2B	37.1	4.7	1 3/8 x 1 5/8
20000	DCMC203U025AA2B	23.6	6.5	1 3/8 x 2 1/8
24000	DCMC243U025AH2B	20.1	7.5	1 3/8 x 2 5/8
33000	DCMC333U025AB2B	19.3	8.2	1 3/8 x 3 1/8
36000	DCMC363U025EA2B	21.8	8.2	1 3/4 x 2 1/8
42000	DCMC423U025AJ2B	19.4	9.1	1 3/8 x 3 5/8
43000	DCMC433U025EH2B	19.4	9.5	1 3/4 x 2 5/8
47000	DCMC473U025BA2B	21.8	9.3	2 x 2 1/8
52000	DCMC523U025AC2B	17.6	10.7	1 3/8 x 4 1/8
59000	DCMC593U025BH2B	16.5	9.0	2 x 2 5/8
60000	DCMC603U025EB2B	15.2	10.1	1 3/4 x 3 1/8
61000	DCMC613U025AD2B	16.4	10.3	1 3/8 x 4 5/8
71000	DCMC713U025AE2B	15.2	11.3	1 3/8 x 5 1/8
76000	DCMC763U025BB2B	12.2	13.2	2 x 3 1/8
77000	DCMC773U025EJ2B	12.8	13.4	1 3/4 x 3 5/8
80000	DCMC803U025AF2B	14.0	13.3	1 3/8 x 5 5/8
90000	DCMC903U025CH2B	9.5	16.7	2 1/2 x 2 5/8
94000	DCMC943U025EC2B	11.2	11.8	1 3/4 x 4 1/8
98000	DCMC983U025BJ2B	9.8	13.6	2 x 3 5/8
110000	DCMC114U025ED2B	10.2	14.2	1 3/4 x 4 5/8
120000	DCMC124U025BC2B	8.3	16.6	2 x 4 1/8
130000	DCMC134U025EE2B	9.6	16.1	1 3/4 x 5 1/8
130000	DCMC134U025CB2B	7.6	18.9	2 1/2 x 3 1/8
140000	DCMC144U025BD2B	7.3	19.9	2 x 4 5/8
150000	DCMC154U025EF2B	9.1	18.4	1 3/4 x 5 5/8
160000	DCMC164U025BE2B	6.6	19.1	2 x 5 1/8
160000	DCMC164U025CJ2B	6.4	20.5	2 1/2 x 3 5/8
190000	DCMC194U025BF2B	6.1	22.2	2 x 5 5/8
190000	DCMC194U025DB2B	5.0	25.5	3 x 3 1/8
200000	DCMC204U025CC2B	5.8	24.6	2 1/2 x 4 1/8
230000	DCMC234U025CD2B	5.2	26.8	2 1/2 x 4 5/8
240000	DCMC244U025DJ2D	4.3	30.5	3 x 3 5/8
270000	DCMC274U025CE2B	5.0	26.0	2 1/2 x 5 1/8
300000	DCMC304U025DC2D	3.9	31.0	3 x 4 1/8
310000	DCMC314U025CF2B	4.6	29.8	2 1/2 x 5 5/8
350000	DCMC354U025DD2D	3.5	35.1	3 x 4 5/8
400000	DCMC404U025DE2D	3.3	37.5	3 x 5 1/8
430000	DCMC434U025FC2D	3.8	36.0	3 1/2 x 4 1/8
460000	DCMC464U025DF2D	3.2	39.9	3 x 5 5/8
490000	DCMC494U025DP2D	3.1	46.0	3 x 5 7/8
500000	DCMC504U025FD2D	3.5	37.6	3 1/2 x 4 5/8
580000	DCMC584U025FE2D	3.2	40.3	3 1/2 x 5 1/8
660000	DCMC664U025FF2D	3.1	42.8	3 1/2 x 5 5/8
670000	DCMC674U025DN2D	3.1	44.0	3 x 7 5/8
700000	DCMC704U025FP2D	2.9	44.9	3 1/2 x 5 7/8
780000	DCMC784U025DG2D	3.0	44.9	3 x 8 5/8

# Type DCMC 85 °C High Capacitance, Screw Terminal, Aluminum

## Highest Capacitance Screw Terminal Type

Cap. (µF)	Catalog Part Number	ESR Max. @ 25 °C 120 Hz (mΩ)	Ripple Max. @ 85°C 120 Hz (A)	Nominal Size D x L (inches)
950000	DCMC954U025FN2D	3.0	48.7	3 1/2 x 7 5/8
1100000	DCMC115U025FG2D	2.9	51.1	3 1/2 x 8 5/8
<b>35 Vdc (40 Vdc Surge)</b>				
8200	DCMC822U035AK2B	41.7	4.4	1 3/8 x 1 5/8
14000	DCMC143U035AA2B	26.7	6.1	1 3/8 x 2 1/8
16000	DCMC163U035AH2B	23.2	7.0	1 3/8 x 2 5/8
23000	DCMC233U035AB2B	21.9	7.7	1 3/8 x 3 1/8
25000	DCMC253U035EA2B	22.3	8.1	1 3/4 x 2 1/8
30000	DCMC303U035AJ2B	21.6	8.6	1 3/8 x 3 5/8
30000	DCMC303U035EH2B	19.2	9.5	1 3/4 x 2 5/8
32000	DCMC323U035BA2B	24.5	8.8	2 x 2 1/8
36000	DCMC363U035AC2B	20.1	10.0	1 3/8 x 4 1/8
41000	DCMC413U035BH2B	20.1	8.1	2 x 2 5/8
42000	DCMC423U035EB2B	15.5	10.0	1 3/4 x 3 1/8
43000	DCMC433U035AD2B	17.8	9.9	1 3/8 x 4 5/8
49000	DCMC493U035AE2B	15.5	11.2	1 3/8 x 5 1/8
53000	DCMC533U035BB2B	15.9	11.6	2 x 3 1/8
54000	DCMC543U035EJ2B	13.2	13.2	1 3/4 x 3 5/8
56000	DCMC563U035AF2B	14.1	13.3	1 3/8 x 5 5/8
63000	DCMC633U035CH2B	14.8	13.4	2 1/2 x 2 5/8
66000	DCMC663U035EC2B	11.8	11.5	1 3/4 x 4 1/8
69000	DCMC693U035BJ2B	13.2	11.7	2 x 3 5/8
78000	DCMC783U035ED2B	10.6	13.9	1 3/4 x 4 5/8
84000	DCMC843U035BC2B	11.6	14.0	2 x 4 1/8
88000	DCMC883U035CB2B	11.5	14.7	2 1/2 x 3 1/8
90000	DCMC903U035EE2B	9.8	16.6	1 3/4 x 5 1/8
99000	DCMC993U035BD2B	10.5	16.6	2 x 4 5/8
100000	DCMC104U035EF2B	9.4	18.1	1 3/4 x 5 5/8
110000	DCMC114U035BE2B	9.8	15.6	2 x 5 1/8
110000	DCMC114U035CJ2B	9.4	16.9	2 1/2 x 3 5/8
130000	DCMC134U035BF2B	9.4	17.9	2 x 5 5/8
130000	DCMC134U035DB2B	6.9	21.8	3 x 3 1/8
140000	DCMC144U035CC2B	8.2	20.6	2 1/2 x 4 1/8
160000	DCMC164U035CD2B	7.4	22.5	2 1/2 x 4 5/8
170000	DCMC174U035DJ2B	5.7	26.4	3 x 3 5/8
190000	DCMC194U035CE2B	6.8	22.3	2 1/2 x 5 1/8
210000	DCMC214U035CF2B	6.1	24.7	2 1/2 x 5 5/8
210000	DCMC214U035DC2B	5.2	28.0	3 x 4 1/8
240000	DCMC244U035DD2D	4.7	30.5	3 x 4 5/8
280000	DCMC284U035DE2D	4.4	32.6	3 x 5 1/8
300000	DCMC304U035FC2D	4.9	31.7	3 1/2 x 4 1/8
320000	DCMC324U035DF2D	4.0	35.5	3 x 5 5/8
340000	DCMC344U035DP2D	3.9	40.9	3 x 5 7/8
350000	DCMC354U035FD2D	4.5	33.0	3 1/2 x 4 5/8
410000	DCMC414U035FE2D	4.0	36.2	3 1/2 x 5 1/8
460000	DCMC464U035FF2D	3.6	39.2	3 1/2 x 5 5/8
470000	DCMC474U035DN2D	3.8	39.8	3 x 7 5/8
490000	DCMC494U035FP2D	3.5	41.1	3 1/2 x 5 7/8

Cap. (µF)	Catalog Part Number	ESR Max. @ 25 °C 120 Hz (mΩ)	Ripple Max. @ 85°C 120 Hz (A)	Nominal Size D x L (inches)
550000	DCMC554U035DG2D	3.6	40.9	3 x 8 5/8
680000	DCMC684U035FN2D	3.4	45.7	3 1/2 x 7 5/8
790000	DCMC794U035FG2D	3.3	48.4	3 1/2 x 8 5/8
<b>50 Vdc (65 Vdc Surge)</b>				
5900	DCMC592U050AK2B	47.9	4.1	1 3/8 x 1 5/8
10000	DCMC103U050AA2B	30.9	5.6	1 3/8 x 2 1/8
12000	DCMC123U050AH2B	25.9	6.7	1 3/8 x 2 5/8
16000	DCMC163U050AB2B	23.6	7.4	1 3/8 x 3 1/8
18000	DCMC183U050EA2B	22.8	8.0	1 3/4 x 2 1/8
21000	DCMC213U050AJ2B	19.6	9.0	1 3/8 x 3 5/8
21000	DCMC213U050EH2B	20.2	9.3	1 3/4 x 2 5/8
23000	DCMC233U050BA2B	25.3	8.6	2 x 2 1/8
26000	DCMC263U050AC2B	18.7	10.4	1 3/8 x 4 1/8
29000	DCMC293U050BH2B	20.8	8.0	2 x 2 5/8
30000	DCMC303U050EB2B	15.6	9.9	1 3/4 x 3 1/8
31000	DCMC313U050AD2B	17.9	9.9	1 3/8 x 4 5/8
35000	DCMC353U050AE2B	15.9	11.0	1 3/8 x 5 1/8
38000	DCMC383U050EJ2B	13.5	12.5	1 3/4 x 3 5/8
38000	DCMC383U050BB2B	16.3	11.9	2 x 3 1/8
40000	DCMC403U050AF2B	14.4	13.1	1 3/8 x 5 5/8
45000	DCMC453U050CH2B	15.1	13.3	2 1/2 x 2 5/8
47000	DCMC473U050EC2B	12.0	11.4	1 3/4 x 4 1/8
49000	DCMC493U050BJ2B	13.6	11.6	2 x 3 5/8
56000	DCMC563U050ED2B	10.8	13.8	1 3/4 x 4 5/8
60000	DCMC603U050BC2B	11.9	13.8	2 x 4 1/8
63000	DCMC633U050CB2B	12.0	14.4	2 1/2 x 3 1/8
64000	DCMC643U050EE2B	9.8	16.6	1 3/4 x 5 1/8
71000	DCMC713U050BD2B	10.8	16.4	2 x 4 5/8
73000	DCMC733U050EF2B	9.5	18.0	1 3/4 x 5 5/8
81000	DCMC813U050CJ2B	10.3	15.2	2 1/2 x 3 5/8
82000	DCMC823U050BE2B	10.0	16.4	2 x 5 1/8
93000	DCMC933U050BF2B	9.5	17.7	2 x 5 5/8
94000	DCMC943U050DB2B	9.1	18.9	3 x 3 1/8
99000	DCMC993U050CC2B	8.9	19.8	2 1/2 x 4 1/8
120000	DCMC124U050CD2B	7.9	21.8	2 1/2 x 4 5/8
120000	DCMC124U050DJ2B	7.7	22.7	3 x 3 5/8
130000	DCMC134U050CE2B	7.2	21.7	2 1/2 x 5 1/8
150000	DCMC154U050CF2B	6.7	23.7	2 1/2 x 5 5/8
150000	DCMC154U050DC2B	6.9	24.2	3 x 4 1/8
170000	DCMC174U050DD2B	6.1	26.7	3 x 4 5/8
200000	DCMC204U050DE2B	5.9	28.1	3 x 5 1/8
200000	DCMC204U050FC2D	6.4	27.9	3 1/2 x 4 1/8
230000	DCMC234U050DF2D	5.6	30.0	3 x 5 5/8
230000	DCMC234U050FD2D	5.7	33.8	3 1/2 x 4 5/8
240000	DCMC244U050DP2D	5.4	30.2	3 x 5 7/8
270000	DCMC274U050FE2D	5.4	31.3	3 1/2 x 5 1/8
310000	DCMC314U050FF2D	5.1	33.2	3 1/2 x 5 5/8
320000	DCMC324U050FP2D	4.9	34.8	3 1/2 x 5 7/8

# Type DCMC 85 °C High Capacitance, Screw Terminal, Aluminum

## Highest Capacitance Screw Terminal Type

Cap. (µF)	Catalog Part Number	ESR Max. @ 25 °C 120 Hz (mΩ)	Ripple Max. @ 85°C 120 Hz (A)	Nominal Size D x L (inches)
350000	DCMC354U050DN2D	4.5	37.5	3 x 7 5/8
390000	DCMC394U050DG2D	4.1	38.6	3 x 8 5/8
450000	DCMC454U050FN2D	4.2	41.3	3 1/2 x 7 5/8
520000	DCMC524U050FG2D	3.8	44.9	3 1/2 x 8 5/8
<b>63 Vdc (75 Vdc Surge)</b>				
4100	DCMC412U063AK2B	60.6	3.6	1 3/8 x 1 5/8
7000	DCMC702U063AA2B	39.0	5.0	1 3/8 x 2 1/8
8300	DCMC832U063AH2B	32.7	5.9	1 3/8 x 2 5/8
12000	DCMC123U063AB2B	28.6	6.8	1 3/8 x 3 1/8
13000	DCMC133U063EA2B	27.9	7.2	1 3/4 x 2 1/8
15000	DCMC153U063AJ2B	26.1	7.8	1 3/8 x 3 5/8
15000	DCMC153U063EH2B	25.6	8.2	1 3/4 x 2 5/8
15000	DCMC153U063BA2B	28.0	8.2	2 x 2 1/8
18000	DCMC183U063AC2B	22.0	9.6	1 3/8 x 4 1/8
18000	DCMC183U063BH2B	22.6	7.7	2 x 2 5/8
21000	DCMC213U063AD2B	19.3	8.9	1 3/8 x 4 5/8
21000	DCMC213U063EB2B	19.5	9.4	1 3/4 x 3 1/8
25000	DCMC253U063AE2B	17.3	10.6	1 3/8 x 5 1/8
25000	DCMC253U063BB2B	18.1	10.8	2 x 3 1/8
27000	DCMC273U063EJ2B	16.2	11.9	1 3/4 x 3 5/8
28000	DCMC283U063AF2B	15.8	12.5	1 3/8 x 5 5/8
29000	DCMC293U063CH2B	26.8	9.9	2 1/2 x 2 5/8
32000	DCMC323U063BJ2B	15.1	10.2	2 x 3 5/8
33000	DCMC333U063EC2B	14.2	11.3	1 3/4 x 4 1/8
39000	DCMC393U063ED2B	12.8	12.7	1 3/4 x 4 5/8
39000	DCMC393U063BC2B	13.3	13.1	2 x 4 1/8
41000	DCMC413U063CB2B	19.3	11.4	2 1/2 x 3 1/8
45000	DCMC453U063EE2B	11.8	15.1	1 3/4 x 5 1/8
46000	DCMC463U063BD2B	12.1	15.5	2 x 4 5/8
51000	DCMC513U063EF2B	11.2	16.6	1 3/4 x 5 5/8
52000	DCMC523U063CJ2B	17.1	11.8	2 1/2 x 3 5/8
53000	DCMC533U063BE2B	11.3	15.5	2 x 5 1/8
60000	DCMC603U063BF2B	10.7	16.7	2 x 5 5/8
61000	DCMC613U063DB2B	14.9	14.8	3 x 3 1/8
64000	DCMC643U063CC2B	13.7	16.0	2 1/2 x 4 1/8
76000	DCMC763U063CD2B	11.8	17.8	2 1/2 x 4 5/8
78000	DCMC783U063DJ2B	12.1	18.1	3 x 3 5/8
87000	DCMC873U063CE2B	11.0	17.6	2 1/2 x 5 1/8
95000	DCMC953U063DC2B	10.8	18.6	3 x 4 1/8
99000	DCMC993U063CF2B	10.5	19.7	2 1/2 x 5 5/8
110000	DCMC114U063DD2B	9.9	21.0	3 x 4 5/8
130000	DCMC134U063DE2B	8.8	23.0	3 x 5 1/8
130000	DCMC134U063FC2D	9.9	22.3	3 1/2 x 4 1/8
150000	DCMC154U063DF2B	7.9	25.3	3 x 5 5/8
150000	DCMC154U063FD2D	9.0	26.8	3 1/2 x 4 5/8
160000	DCMC164U063DP2B	7.5	25.5	3 x 5 7/8
180000	DCMC184U063FE2D	7.9	25.7	3 1/2 x 5 1/8
200000	DCMC204U063FF2D	7.2	28.0	3 1/2 x 5 5/8

Cap. (µF)	Catalog Part Number	ESR Max. @ 25 °C 120 Hz (mΩ)	Ripple Max. @ 85°C 120 Hz (A)	Nominal Size D x L (inches)
210000	DCMC214U063FP2D	6.8	29.4	3 1/2 x 5 7/8
230000	DCMC234U063DN2D	6.5	31.2	3 x 7 5/8
250000	DCMC254U063DG2D	5.7	32.6	3 x 8 5/8
300000	DCMC304U063FN2D	5.8	35.3	3 1/2 x 7 5/8
350000	DCMC354U063FG2D	5.2	38.5	3 1/2 x 8 5/8
<b>75 Vdc (95 Vdc Surge)</b>				
3200	DCMC322U075AK2B	76.2	3.2	1 3/8 x 1 5/8
5300	DCMC532U075AA2B	50.7	4.4	1 3/8 x 2 1/8
6400	DCMC642U075AH2B	41.7	5.2	1 3/8 x 2 5/8
9000	DCMC902U075AB2B	38.6	5.8	1 3/8 x 3 1/8
9900	DCMC992U075EA2B	55.6	5.1	1 3/4 x 2 1/8
12000	DCMC123U075AJ2B	34.3	6.8	1 3/8 x 3 5/8
12000	DCMC123U075EH2B	47.3	6.1	1 3/4 x 2 5/8
12000	DCMC123U075BA2B	34.8	7.4	2 x 2 1/8
14000	DCMC143U075AC2B	30.5	8.1	1 3/8 x 4 1/8
14000	DCMC143U075BH2B	27.5	6.9	2 x 2 5/8
16000	DCMC163U075EB2B	34.1	6.7	1 3/4 x 3 1/8
17000	DCMC173U075AD2B	26.2	8.2	1 3/8 x 4 5/8
19000	DCMC193U075AE2B	23.8	9.0	1 3/8 x 5 1/8
19000	DCMC193U075BB2B	21.4	10.0	2 x 3 1/8
21000	DCMC213U075EJ2B	26.9	9.3	1 3/4 x 3 5/8
22000	DCMC223U075AF2B	21.4	10.8	1 3/8 x 5 5/8
23000	DCMC233U075CH2B	30.0	9.4	2 1/2 x 2 5/8
25000	DCMC253U075BJ2B	18.0	9.3	2 x 3 5/8
26000	DCMC263U075EC2B	22.3	9.0	1 3/4 x 4 1/8
30000	DCMC303U075ED2B	19.2	10.4	1 3/4 x 4 5/8
30000	DCMC303U075BC2B	15.6	12.1	2 x 4 1/8
32000	DCMC323U075CB2B	21.6	10.7	2 1/2 x 3 1/8
35000	DCMC353U075EE2B	16.9	12.6	1 3/4 x 5 1/8
35000	DCMC353U075BD2B	13.9	14.4	2 x 4 5/8
40000	DCMC403U075EF2B	15.2	14.3	1 3/4 x 5 5/8
41000	DCMC413U075BE2B	12.8	13.7	2 x 5 1/8
41000	DCMC413U075CJ2B	17.8	12.3	2 1/2 x 3 5/8
46000	DCMC463U075BF2B	12.0	15.8	2 x 5 5/8
47000	DCMC473U075DB2B	18.0	13.4	3 x 3 1/8
50000	DCMC503U075CC2B	15.1	15.2	2 1/2 x 4 1/8
59000	DCMC593U075CD2B	13.5	16.7	2 1/2 x 4 5/8
61000	DCMC613U075DJ2B	14.4	16.6	3 x 3 5/8
68000	DCMC683U075CE2B	12.0	16.8	2 1/2 x 5 1/8
74000	DCMC743U075DC2B	12.9	17.0	3 x 4 1/8
77000	DCMC773U075CF2B	11.2	19.0	2 1/2 x 5 5/8
88000	DCMC883U075DD2B	11.8	19.2	3 x 4 5/8
100000	DCMC104U075DE2B	10.4	21.1	3 x 5 1/8
100000	DCMC104U075FC2D	11.8	20.4	3 1/2 x 4 1/8
110000	DCMC114U075DF2B	9.4	23.3	3 x 5 5/8
120000	DCMC124U075DP2B	8.9	26.9	3 x 5 7/8
120000	DCMC124U075FD2D	10.7	21.4	3 1/2 x 4 5/8
140000	DCMC144U075FE2D	9.4	23.7	3 1/2 x 5 1/8

# Type DCMC 85 °C High Capacitance, Screw Terminal, Aluminum

## Highest Capacitance Screw Terminal Type

Cap. (µF)	Catalog Part Number	ESR Max. @ 25 °C 120 Hz (mΩ)	Ripple Max. @ 85°C 120 Hz (A)	Nominal Size D x L (inches)
160000	DCMC164U075FF2D	8.4	25.7	3 1/2 x 5 5/8
170000	DCMC174U075DN2D	7.7	28.1	3 x 7 5/8
170000	DCMC174U075FP2D	8.1	27.1	3 1/2 x 5 7/8
200000	DCMC204U075DG2B	6.8	29.8	3 x 8 5/8
230000	DCMC234U075FN2D	6.9	32.3	3 1/2 x 7 5/8
270000	DCMC274U075FG2D	6.2	35.2	3 1/2 x 8 5/8
<b>100 Vdc (125 Vdc Surge)</b>				
1900	DCMC192U100AK2B	98.4	2.9	1 3/8 x 1 5/8
3100	DCMC312U100AA2B	60.2	4.0	1 3/8 x 2 1/8
3900	DCMC392U100AH2B	51.0	4.7	1 3/8 x 2 5/8
5500	DCMC552U100AB2B	43.4	5.5	1 3/8 x 3 1/8
6000	DCMC602U100EA2B	62.0	4.8	1 3/4 x 2 1/8
6300	DCMC632U100BA2B	51.8	5.6	2 x 2 1/8
7000	DCMC702U100AJ2B	36.5	6.9	1 3/8 x 3 5/8
7100	DCMC712U100EH2B	52.8	6.0	1 3/4 x 2 5/8
8600	DCMC862U100AC2B	33.3	7.8	1 3/8 x 4 1/8
9000	DCMC902U100BH2B	37.8	5.9	2 x 2 5/8
9900	DCMC992U100EB2B	38.0	6.4	1 3/4 x 3 1/8
10000	DCMC103U100AD2B	31.1	7.5	1 3/8 x 4 5/8
12000	DCMC123U100AE2B	30.0	8.0	1 3/8 x 5 1/8
13000	DCMC133U100AF2B	29.0	8.6	1 3/8 x 5 5/8
13000	DCMC133U100EJ2B	29.9	8.8	1 3/4 x 3 5/8
13000	DCMC133U100BB2B	30.6	9.0	2 x 3 1/8
15000	DCMC153U100CH2B	33.7	8.9	2 1/2 x 2 5/8
16000	DCMC163U100EC2B	24.8	8.0	1 3/4 x 4 1/8
16000	DCMC163U100BJ2B	22.3	9.0	2 x 3 5/8
18000	DCMC183U100ED2B	21.2	9.8	1 3/4 x 4 5/8
20000	DCMC203U100BC2B	19.9	10.7	2 x 4 1/8
21000	DCMC213U100EE2B	18.7	11.5	1 3/4 x 5 1/8
21000	DCMC213U100CB2B	23.4	10.7	2 1/2 x 3 1/8
23000	DCMC233U100BD2B	17.7	12.8	2 x 4 5/8
24000	DCMC243U100EF2B	16.8	13.6	1 3/4 x 5 5/8
27000	DCMC273U100BE2B	15.6	12.4	2 x 5 1/8
27000	DCMC273U100CJ2B	19.1	11.9	2 1/2 x 3 5/8
31000	DCMC313U100BF2B	14.9	14.1	2 x 5 5/8
31000	DCMC313U100DB2B	19.9	12.8	3 x 3 1/8
33000	DCMC333U100CC2B	16.5	14.6	2 1/2 x 4 1/8
39000	DCMC393U100CD2B	14.7	16.0	2 1/2 x 4 5/8
40000	DCMC403U100DJ2B	16.4	15.6	3 x 3 5/8
45000	DCMC453U100CE2B	13.4	15.9	2 1/2 x 5 1/8
49000	DCMC493U100DC2B	14.4	16.1	3 x 4 1/8
51000	DCMC513U100CF2B	12.5	18.0	2 1/2 x 5 5/8
58000	DCMC583U100DD2B	13.0	18.3	3 x 4 5/8
67000	DCMC673U100DE2B	12.0	19.7	3 x 5 1/8
67000	DCMC673U100FC2D	13.4	19.2	3 1/2 x 4 1/8
76000	DCMC763U100DF2B	11.2	21.3	3 x 5 5/8
79000	DCMC793U100FD2D	12.1	23.1	3 1/2 x 4 5/8
80000	DCMC803U100DP2B	11.1	21.0	3 x 5 7/8

Cap. (µF)	Catalog Part Number	ESR Max. @ 25 °C 120 Hz (mΩ)	Ripple Max. @ 85°C 120 Hz (A)	Nominal Size D x L (inches)
92000	DCMC923U100FE2D	10.9	22.0	3 1/2 x 5 1/8
100000	DCMC104U100FF2D	10.2	23.4	3 1/2 x 5 5/8
110000	DCMC114U100DN2B	9.2	25.8	3 x 7 5/8
110000	DCMC114U100FP2D	10.0	24.3	3 1/2 x 5 7/8
130000	DCMC134U100DG2B	8.2	27.3	3 x 8 5/8
150000	DCMC154U100FN2D	8.3	29.5	3 1/2 x 7 5/8
180000	DCMC184U100FG2D	7.3	32.3	3 1/2 x 8 5/8
<b>160 Vdc (200 Vdc Surge)</b>				
1100	DCMC112T160AK2B	149.6	2.3	1 3/8 x 1 5/8
1800	DCMC182T160AA2B	93.0	3.3	1 3/8 x 2 1/8
2300	DCMC232T160AH2B	70.5	4.0	1 3/8 x 2 5/8
3200	DCMC322T160AB2B	58.5	4.7	1 3/8 x 3 1/8
3500	DCMC352T160EA2B	62.0	4.8	1 3/4 x 2 1/8
3700	DCMC372T160BA2B	70.5	4.8	2 x 2 1/8
4100	DCMC412T160AJ2B	50.2	5.9	1 3/8 x 3 5/8
4100	DCMC412T160EH2B	52.8	6.0	1 3/4 x 2 5/8
5000	DCMC502T160AC2B	42.9	6.9	1 3/8 x 4 1/8
5300	DCMC532T160BH2B	46.5	5.3	2 x 2 5/8
5800	DCMC582T160EB2B	38.0	6.4	1 3/4 x 3 1/8
5900	DCMC592T160AD2B	37.7	6.8	1 3/8 x 4 5/8
6800	DCMC682T160AE2B	34.7	7.5	1 3/8 x 5 1/8
7400	DCMC742T160EJ2B	29.9	8.4	1 3/4 x 3 5/8
7400	DCMC742T160BB2B	33.5	8.3	2 x 3 1/8
7700	DCMC772T160AF2B	32.2	8.8	1 3/8 x 5 5/8
8300	DCMC832T160CH2B	30.1	9.4	2 1/2 x 2 5/8
9100	DCMC912T160EC2B	24.8	8.0	1 3/4 x 4 1/8
9500	DCMC952T160BJ2B	26.4	8.3	2 x 3 5/8
11000	DCMC113T160ED2B	21.2	9.8	1 3/4 x 4 5/8
12000	DCMC123T160EE2B	18.7	11.0	1 3/4 x 5 1/8
12000	DCMC123T160BC2B	21.9	10.7	2 x 4 1/8
12000	DCMC123T160CB2B	21.3	11.2	2 1/2 x 3 1/8
14000	DCMC143T160EF2B	16.8	13.1	1 3/4 x 5 5/8
14000	DCMC143T160BD2B	18.8	12.8	2 x 4 5/8
15000	DCMC153T160CJ2B	17.0	11.9	2 1/2 x 3 5/8
16000	DCMC163T160BE2B	16.6	12.8	2 x 5 1/8
17000	DCMC173T160DB2B	14.7	14.3	3 x 3 1/8
18000	DCMC183T160BF2B	14.9	14.8	2 x 5 5/8
18000	DCMC183T160CC2B	14.1	15.8	2 1/2 x 4 1/8
22000	DCMC223T160CD2B	11.9	17.8	2 1/2 x 4 5/8
22000	DCMC223T160DJ2B	11.5	18.6	3 x 3 5/8
25000	DCMC253T160CE2B	10.7	17.8	2 1/2 x 5 1/8
27000	DCMC273T160DC2B	9.6	19.7	3 x 4 1/8
28000	DCMC283T160CF2B	9.6	20.5	2 1/2 x 5 5/8
32000	DCMC323T160DD2B	8.2	23.0	3 x 4 5/8
37000	DCMC373T160DE2B	7.3	25.3	3 x 5 1/8
37000	DCMC373T160FC2D	9.2	23.2	3 1/2 x 4 1/8
42000	DCMC423T160DF2B	6.5	27.9	3 x 5 5/8
44000	DCMC443T160FD2D	7.9	28.6	3 1/2 x 4 5/8



# Type DCMC 85 °C High Capacitance, Screw Terminal, Aluminum

## Highest Capacitance Screw Terminal Type

Cap. (µF)	Catalog Part Number	ESR Max. @ 25 °C 120 Hz (mΩ)	Ripple Max. @ 85°C 120 Hz (A)	Nominal Size D x L (inches)
45000	DCMC453T160DP2B	6.2	28.1	3 x 5 7/8
51000	DCMC513T160FE2D	6.9	27.5	3 1/2 x 5 1/8
58000	DCMC583T160FF2D	6.2	30.0	3 1/2 x 5 5/8
61000	DCMC613T160FP2D	5.9	31.6	3 1/2 x 5 7/8
62000	DCMC623T160DN2D	5.1	34.9	3 x 7 5/8
72000	DCMC723T160DG2D	4.3	37.5	3 x 8 5/8
85000	DCMC853T160FN2D	4.9	38.8	3 1/2 x 7 5/8
99000	DCMC993T160FG2D	4.2	42.8	3 1/2 x 8 5/8
<b>200 Vdc (250 Vdc Surge)</b>				
680	DCMC681T200AK2B	205.8	2.0	1 3/8 x 1 5/8
1000	DCMC102T200AA2B	140.3	2.6	1 3/8 x 2 1/8
1500	DCMC152T200AH2B	100.5	3.4	1 3/8 x 2 5/8
1800	DCMC182T200AB2B	78.5	4.1	1 3/8 x 3 1/8
1900	DCMC192T200EA2B	79.1	4.3	1 3/4 x 2 1/8
2200	DCMC222T200AJ2B	63.9	5.0	1 3/8 x 3 5/8
2400	DCMC242T200EH2B	62.5	5.3	1 3/4 x 2 5/8
2500	DCMC252T200BA2B	82.0	4.8	2 x 2 1/8
2700	DCMC272T200AC2B	51.7	6.2	1 3/8 x 4 1/8
3100	DCMC312T200EB2B	48.4	5.2	1 3/4 x 3 1/8
3300	DCMC332T200AD2B	43.2	6.0	1 3/8 x 4 5/8
3300	DCMC332T200BH2B	61.0	5.3	2 x 2 5/8
3800	DCMC382T200EJ2B	37.9	7.2	1 3/4 x 3 5/8
3900	DCMC392T200AE2B	37.8	7.5	1 3/8 x 5 1/8
4300	DCMC432T200BB2B	46.1	7.1	2 x 3 1/8
4500	DCMC452T200AF2B	33.4	8.6	1 3/8 x 5 5/8
4600	DCMC462T200EC2B	31.3	9.2	1 3/4 x 4 1/8
5400	DCMC542T200ED2B	26.8	7.7	1 3/4 x 4 5/8
5500	DCMC552T200CH2B	42.2	6.6	2 1/2 x 2 5/8
5600	DCMC562T200BJ2B	36.2	7.5	2 x 3 5/8
6100	DCMC612T200EE2B	23.5	9.9	1 3/4 x 5 1/8
6900	DCMC692T200EF2B	21.0	10.9	1 3/4 x 5 5/8
6900	DCMC692T200BC2B	28.5	9.7	2 x 4 1/8
7100	DCMC712T200CB2B	31.2	9.6	2 1/2 x 3 1/8
8200	DCMC822T200BD2B	24.4	11.2	2 x 4 5/8
9100	DCMC912T200BE2B	21.7	10.5	2 x 5 1/8
10000	DCMC103T200BF2B	19.6	11.7	2 x 5 5/8
10000	DCMC103T200CJ2B	22.3	11.6	2 1/2 x 3 5/8
11000	DCMC113T200CC2B	20.3	12.7	2 1/2 x 4 1/8
11000	DCMC113T200DB2B	30.3	10.8	3 x 3 1/8
12000	DCMC123T200CD2B	17.3	14.7	2 1/2 x 4 5/8
13000	DCMC133T200CE2B	15.8	15.9	2 1/2 x 5 1/8
13000	DCMC133T200DJ2B	23.7	12.0	3 x 3 5/8
15000	DCMC153T200CF2B	13.7	16.5	2 1/2 x 5 5/8
15000	DCMC153T200DC2B	19.7	14.3	3 x 4 1/8
18000	DCMC183T200DD2B	16.9	16.1	3 x 4 5/8
21000	DCMC213T200FC2B	17.1	16.5	3 1/2 x 4 1/8
22000	DCMC223T200DE2B	14.8	18.2	3 x 5 1/8
24000	DCMC243T200DF2B	13.3	19.5	3 x 5 5/8

Cap. (µF)	Catalog Part Number	ESR Max. @ 25 °C 120 Hz (mΩ)	Ripple Max. @ 85°C 120 Hz (A)	Nominal Size D x L (inches)
25000	DCMC253T200FD2B	15.3	20.5	3 1/2 x 4 5/8
26000	DCMC263T200DP2B	12.7	19.7	3 x 5 7/8
28000	DCMC283T200FE2B	13.4	19.8	3 1/2 x 5 1/8
31000	DCMC313T200FF2B	12.0	21.6	3 1/2 x 5 5/8
33000	DCMC333T200DN2B	10.8	23.7	3 x 7 5/8
33000	DCMC333T200FP2D	11.5	22.7	3 1/2 x 5 7/8
37000	DCMC373T200DG2B	9.6	25.2	3 x 8 5/8
44000	DCMC443T200FN2D	9.3	28.2	3 1/2 x 7 5/8
51000	DCMC513T200FG2D	7.9	31.1	3 1/2 x 8 5/8
<b>250 Vdc (300 Vdc Surge)</b>				
470	DCMC471T250AK2B	259.7	1.8	1 3/8 x 1 5/8
820	DCMC821T250AA2B	156.4	2.5	1 3/8 x 2 1/8
1200	DCMC122T250AH2B	118.7	3.1	1 3/8 x 2 5/8
1400	DCMC142T250EA2B	99.0	3.6	1 3/4 x 2 1/8
1500	DCMC152T250AB2B	88.0	4.1	1 3/8 x 3 1/8
1800	DCMC182T250EH2B	83.3	4.4	1 3/4 x 2 5/8
1800	DCMC182T250BA2B	94.7	4.3	2 x 2 1/8
1900	DCMC192T250AJ2B	69.5	5.2	1 3/8 x 3 5/8
2300	DCMC232T250AC2B	57.9	5.9	1 3/8 x 4 1/8
2300	DCMC232T250EB2B	61.3	4.6	1 3/4 x 3 1/8
2400	DCMC242T250AD2B	51.4	5.5	1 3/8 x 4 5/8
2500	DCMC252T250BH2B	65.7	5.2	2 x 2 5/8
2700	DCMC272T250AE2B	44.0	6.6	1 3/8 x 5 1/8
3000	DCMC302T250EJ2B	48.7	6.6	1 3/4 x 3 5/8
3300	DCMC332T250BB2B	46.2	7.1	2 x 3 1/8
3400	DCMC342T250AF2B	38.3	8.0	1 3/8 x 5 5/8
3700	DCMC372T250EC2B	40.5	8.1	1 3/4 x 4 1/8
3900	DCMC392T250ED2B	34.8	6.7	1 3/4 x 4 5/8
3900	DCMC392T250BJ2B	38.2	6.9	2 x 3 5/8
4100	DCMC412T250CH2B	51.8	6.3	2 1/2 x 2 5/8
4500	DCMC452T250EE2B	30.6	8.6	1 3/4 x 5 1/8
4700	DCMC472T250BC2B	31.5	8.9	2 x 4 1/8
5000	DCMC502T250EF2B	27.3	9.9	1 3/4 x 5 5/8
5200	DCMC522T250CB2B	32.1	9.5	2 1/2 x 3 1/8
5600	DCMC562T250BD2B	26.9	10.7	2 x 4 5/8
6200	DCMC622T250BE2B	23.6	10.1	2 x 5 1/8
6400	DCMC642T250CJ2B	25.1	10.4	2 1/2 x 3 5/8
6800	DCMC682T250BF2B	21.2	11.9	2 x 5 5/8
7800	DCMC782T250DB2B	27.6	10.9	3 x 3 1/8
8200	DCMC822T250CC2B	20.8	13.0	2 1/2 x 4 1/8
10000	DCMC103T250CD2B	17.8	14.5	2 1/2 x 4 5/8
10000	DCMC103T250DJ2B	21.6	13.6	3 x 3 5/8
11000	DCMC113T250CE2B	15.5	14.8	2 1/2 x 5 1/8
12000	DCMC123T250CF2B	13.8	16.5	2 1/2 x 5 5/8
12000	DCMC123T250DC2B	17.6	15.2	3 x 4 1/8
13000	DCMC133T250DD2B	16.3	16.4	3 x 4 5/8
15000	DCMC153T250DE2B	14.3	18.0	3 x 5 1/8
16000	DCMC163T250FC2D	19.5	15.9	3 1/2 x 4 1/8

# Type DCMC 85 °C High Capacitance, Screw Terminal, Aluminum

## Highest Capacitance Screw Terminal Type

Cap. (µF)	Catalog Part Number	ESR Max. @ 25 °C 120 Hz (mΩ)	Ripple Max. @ 85°C 120 Hz (A)	Nominal Size D x L (inches)
18000	DCMC183T250DF2B	12.0	20.6	3 x 5 5/8
18000	DCMC183T250FD2D	17.1	19.4	3 1/2 x 4 5/8
19000	DCMC193T250DP2B	11.5	20.6	3 x 5 7/8
21000	DCMC213T250FE2D	15.1	18.7	3 1/2 x 5 1/8
23000	DCMC233T250FF2D	13.4	20.4	3 1/2 x 5 5/8
24000	DCMC243T250FP2D	12.9	21.4	3 1/2 x 5 7/8
27000	DCMC273T250DN2D	9.5	27.2	3 x 7 5/8
30000	DCMC303T250DG2B	7.0	29.6	3 x 8 5/8
33000	DCMC333T250FN2D	10.6	26.2	3 1/2 x 7 5/8
38000	DCMC383T250FG2D	9.2	28.8	3 1/2 x 8 5/8
<b>300 Vdc (350 Vdc Surge)</b>				
330	DCMC331T300AK2B	418.1	1.4	1 3/8 x 1 5/8
600	DCMC601T300AA2B	231.4	2.1	1 3/8 x 2 1/8
730	DCMC731T300AH2B	188.8	2.5	1 3/8 x 2 5/8
1000	DCMC102T300AB2B	137.5	3.1	1 3/8 x 3 1/8
1000	DCMC102T300EA2B	139.3	3.2	1 3/4 x 2 1/8
1200	DCMC122T300EH2B	117.2	3.7	1 3/4 x 2 5/8
1200	DCMC122T300BA2B	131.1	3.6	2 x 2 1/8
1300	DCMC132T300AJ2B	106.8	4.2	1 3/8 x 3 5/8
1500	DCMC152T300AC2B	90.4	4.7	1 3/8 x 4 1/8
1500	DCMC152T300BH2B	102.6	3.6	2 x 2 5/8
1700	DCMC172T300EB2B	84.5	4.3	1 3/4 x 3 1/8
1800	DCMC182T300AD2B	77.4	4.7	1 3/8 x 4 5/8
2100	DCMC212T300AE2B	65.7	5.4	1 3/8 x 5 1/8
2100	DCMC212T300EJ2B	68.3	5.6	1 3/4 x 3 5/8
2200	DCMC222T300BB2B	71.1	5.7	2 x 3 1/8
2300	DCMC232T300AF2B	60.3	6.4	1 3/8 x 5 5/8
2600	DCMC262T300EC2B	56.7	6.8	1 3/4 x 4 1/8
2600	DCMC262T300CH2B	60.5	5.1	2 1/2 x 2 5/8
2800	DCMC282T300BJ2B	55.5	5.7	2 x 3 5/8
3000	DCMC302T300ED2B	48.5	6.5	1 3/4 x 4 5/8
3300	DCMC332T300CB2B	46.5	7.0	2 1/2 x 3 1/8
3400	DCMC342T300BC2B	45.7	7.4	2 x 4 1/8
3500	DCMC352T300EE2B	42.5	8.0	1 3/4 x 5 1/8
3900	DCMC392T300EF2B	37.9	8.7	1 3/4 x 5 5/8
4000	DCMC402T300BD2B	38.9	8.9	2 x 4 5/8
4200	DCMC422T300CJ2B	38.1	7.9	2 1/2 x 3 5/8
4600	DCMC462T300BE2B	34.0	8.9	2 x 5 1/8
4800	DCMC482T300DB2B	42.8	8.4	3 x 3 1/8
5200	DCMC522T300CC2B	29.9	10.4	2 1/2 x 4 1/8
5300	DCMC532T300BF2B	30.2	10.8	2 x 5 5/8
6000	DCMC602T300DJ2B	34.0	10.5	3 x 3 5/8
6100	DCMC612T300CD2B	25.5	12.5	2 1/2 x 4 5/8
7100	DCMC712T300CE2B	22.2	12.3	2 1/2 x 5 1/8
7400	DCMC742T300DC2B	26.2	11.9	3 x 4 1/8
8000	DCMC802T300CF2B	19.8	14.3	2 1/2 x 5 5/8
8700	DCMC872T300DD2B	23.6	13.6	3 x 4 5/8
10000	DCMC103T300DE2B	20.5	15.1	3 x 5 1/8

Cap. (µF)	Catalog Part Number	ESR Max. @ 25 °C 120 Hz (mΩ)	Ripple Max. @ 85°C 120 Hz (A)	Nominal Size D x L (inches)
10000	DCMC103T300FC2D	21.0	15.3	3 1/2 x 4 1/8
11000	DCMC113T300DF2B	18.0	16.8	3 x 5 5/8
12000	DCMC123T300DP2B	17.0	19.5	3 x 5 7/8
12000	DCMC123T300FD2D	18.2	16.4	3 1/2 x 4 5/8
13000	DCMC133T300FE2D	16.0	18.1	3 1/2 x 5 1/8
15000	DCMC153T300FF2D	14.3	19.8	3 1/2 x 5 5/8
16000	DCMC163T300DN2B	13.2	21.8	3 x 7 5/8
16000	DCMC163T300FP2D	13.5	20.9	3 1/2 x 5 7/8
19000	DCMC193T300DG2B	10.8	23.7	3 x 8 5/8
22000	DCMC223T300FN2D	11.0	25.9	3 1/2 x 7 5/8
26000	DCMC263T300FG2D	9.3	28.6	3 1/2 x 8 5/8
<b>350 Vdc (400 Vdc Surge)</b>				
220	DCMC221T350AK2B	605.4	1.2	1 3/8 x 1 5/8
430	DCMC431T350AA2B	378.8	1.6	1 3/8 x 2 1/8
510	DCMC511T350AH2B	253.0	2.1	1 3/8 x 2 5/8
680	DCMC681T350AB2B	190.2	2.6	1 3/8 x 3 1/8
760	DCMC761T350EA2B	176.6	2.9	1 3/4 x 2 1/8
860	DCMC861T350AJ2B	152.5	3.2	1 3/8 x 3 5/8
920	DCMC921T350EH2B	161.7	3.3	1 3/4 x 2 5/8
990	DCMC991T350BA2B	167.6	3.3	2 x 2 1/8
1000	DCMC102T350AC2B	127.5	4.0	1 3/8 x 4 1/8
1200	DCMC122T350AD2B	109.6	3.5	1 3/8 x 4 5/8
1200	DCMC122T350EB2B	124.7	3.5	1 3/4 x 3 1/8
1200	DCMC122T350BH2B	132.2	3.6	2 x 2 5/8
1300	DCMC132T350AE2B	97.2	4.5	1 3/8 x 5 1/8
1500	DCMC152T350AF2B	85.9	5.0	1 3/8 x 5 5/8
1500	DCMC152T350EJ2B	97.3	4.9	1 3/4 x 3 5/8
1500	DCMC152T350BB2B	101.5	4.9	2 x 3 1/8
1800	DCMC182T350EC2B	79.9	5.8	1 3/4 x 4 1/8
1900	DCMC192T350BJ2B	79.2	4.4	2 x 3 5/8
2000	DCMC202T350CH2B	86.9	4.6	2 1/2 x 2 5/8
2100	DCMC212T350ED2B	67.8	5.5	1 3/4 x 4 5/8
2300	DCMC232T350BC2B	65.1	5.9	2 x 4 1/8
2400	DCMC242T350EE2B	59.1	6.5	1 3/4 x 5 1/8
2500	DCMC252T350CB2B	61.0	6.6	2 1/2 x 3 1/8
2700	DCMC272T350EF2B	52.4	7.4	1 3/4 x 5 5/8
2700	DCMC272T350BD2B	55.4	7.5	2 x 4 5/8
3100	DCMC312T350BE2B	48.7	7.0	2 x 5 1/8
3100	DCMC312T350CJ2B	48.5	7.5	2 1/2 x 3 5/8
3500	DCMC352T350BF2B	42.8	8.3	2 x 5 5/8
3700	DCMC372T350CC2B	39.9	9.0	2 1/2 x 4 1/8
3800	DCMC382T350DB2B	54.0	8.1	3 x 3 1/8
4200	DCMC422T350CD2B	34.0	10.5	2 1/2 x 4 5/8
4600	DCMC462T350DJ2B	41.7	9.8	3 x 3 5/8
4800	DCMC482T350CE2B	29.6	10.7	2 1/2 x 5 1/8
5400	DCMC542T350CF2B	26.2	11.9	2 1/2 x 5 5/8
5500	DCMC552T350DC2B	34.7	10.8	3 x 4 1/8
6300	DCMC632T350DD2B	29.6	12.2	3 x 4 5/8

# Type DCMC 85 °C High Capacitance, Screw Terminal, Aluminum

## Highest Capacitance Screw Terminal Type

Cap. (µF)	Catalog Part Number	ESR Max. @ 25 °C 120 Hz (mΩ)	Ripple Max. @ 85°C 120 Hz (A)	Nominal Size D x L (inches)	Cap. (µF)	Catalog Part Number	ESR Max. @ 25 °C 120 Hz (mΩ)	Ripple Max. @ 85°C 120 Hz (A)	Nominal Size D x L (inches)
7200	DCMC722T350DE2B	25.8	13.4	3 x 5 1/8	5300	DCMC532T400DD2B	31.5	11.8	3 x 4 5/8
7700	DCMC772T350FC2D	29.9	12.8	3 1/2 x 4 1/8	6000	DCMC602T400DE2B	27.4	13.0	3 x 5 1/8
8200	DCMC822T350DF2B	22.9	14.9	3 x 5 5/8	6400	DCMC642T400FC2D	31.9	12.4	3 1/2 x 4 1/8
8400	DCMC842T350DP2B	21.7	17.2	3 x 5 7/8	6800	DCMC682T400DF2B	24.4	14.4	3 x 5 5/8
8800	DCMC882T350FD2D	25.7	13.8	3 1/2 x 4 5/8	7100	DCMC712T400DP2B	23.1	16.7	3 x 5 7/8
10000	DCMC103T350FE2D	22.5	15.3	3 1/2 x 5 1/8	7400	DCMC742T400FD2D	27.4	13.4	3 1/2 x 4 5/8
11000	DCMC113T350DN2B	17.1	19.1	3 x 7 5/8	8400	DCMC842T400FE2D	23.9	14.8	3 1/2 x 5 1/8
11000	DCMC113T350FF2D	20.0	16.7	3 1/2 x 5 5/8	9400	DCMC942T400FF2D	21.2	16.2	3 1/2 x 5 5/8
12000	DCMC123T350FP2D	18.9	17.7	3 1/2 x 5 7/8	9600	DCMC962T400DN2B	18.2	18.6	3 x 7 5/8
13000	DCMC133T350DG2B	14.2	20.7	3 x 8 5/8	9900	DCMC992T400FP2D	20.1	17.2	3 1/2 x 5 7/8
16000	DCMC163T350FN2D	14.9	22.3	3 1/2 x 7 5/8	11000	DCMC113T400DG2B	15.1	20.1	3 x 8 5/8
18000	DCMC183T350FG2D	12.4	24.8	3 1/2 x 8 5/8	13000	DCMC133T400FN2D	15.8	21.7	3 1/2 x 7 5/8
<b>400 Vdc (450 Vdc Surge)</b>					<b>450 Vdc (500 Vdc Surge)</b>				
180	DCMC181T400AK2B	652.4	1.1	1 3/8 x 1 5/8	150	DCMC151T450AK2B	796.7	1.0	1 3/8 x 1 5/8
350	DCMC351T400AA2B	408.2	1.6	1 3/8 x 2 1/8	270	DCMC271T450AA2B	437.7	1.5	1 3/8 x 2 1/8
420	DCMC421T400AH2B	272.6	2.1	1 3/8 x 2 5/8	350	DCMC351T450AH2B	337.1	1.8	1 3/8 x 2 5/8
570	DCMC571T400AB2B	204.8	2.5	1 3/8 x 3 1/8	460	DCMC461T450EA2B	264.2	2.2	1 3/4 x 2 1/8
630	DCMC631T400EA2B	189.5	2.8	1 3/4 x 2 1/8	470	DCMC471T450AB2B	253.2	2.4	1 3/8 x 3 1/8
710	DCMC711T400AJ2B	164.3	3.1	1 3/8 x 3 5/8	560	DCMC561T450AJ2B	203.0	2.8	1 3/8 x 3 5/8
760	DCMC761T400EH2B	173.7	3.2	1 3/4 x 2 5/8	570	DCMC571T450EH2B	213.1	2.9	1 3/4 x 2 5/8
820	DCMC821T400BA2B	179.3	3.2	2 x 2 1/8	590	DCMC591T450BA2B	228.4	2.9	2 x 2 1/8
850	DCMC851T400AC2B	137.3	3.8	1 3/8 x 4 1/8	680	DCMC681T450AC2B	169.5	3.4	1 3/8 x 4 1/8
1000	DCMC102T400AD2B	118.0	3.4	1 3/8 x 4 5/8	740	DCMC741T450EB2B	164.5	2.8	1 3/4 x 3 1/8
1000	DCMC102T400EB2B	134.0	3.4	1 3/4 x 3 1/8	780	DCMC781T450BH2B	178.0	2.9	2 x 2 5/8
1000	DCMC102T400BH2B	141.7	3.5	2 x 2 5/8	820	DCMC821T450AD2B	145.6	3.5	1 3/8 x 4 5/8
1100	DCMC112T400AE2B	104.6	4.3	1 3/8 x 5 1/8	920	DCMC921T450EJ2B	130.9	3.8	1 3/4 x 3 5/8
1200	DCMC122T400AF2B	92.4	4.8	1 3/8 x 5 5/8	930	DCMC931T450AE2B	127.7	4.1	1 3/8 x 5 1/8
1200	DCMC122T400EJ2B	106.6	4.6	1 3/4 x 3 5/8	1000	DCMC102T450AF2B	113.9	4.5	1 3/8 x 5 5/8
1300	DCMC132T400BB2B	108.9	4.8	2 x 3 1/8	1000	DCMC102T450BB2B	137.0	4.3	2 x 3 1/8
1500	DCMC152T400EC2B	85.8	5.6	1 3/4 x 4 1/8	1100	DCMC112T450EC2B	107.4	5.0	1 3/4 x 4 1/8
1600	DCMC162T400BJ2B	85.0	4.3	2 x 3 5/8	1200	DCMC122T450BJ2B	109.0	3.8	2 x 3 5/8
1700	DCMC172T400ED2B	74.3	4.9	1 3/4 x 4 5/8	1200	DCMC122T450CH2B	115.8	4.0	2 1/2 x 2 5/8
1700	DCMC172T400CH2B	93.1	4.7	2 1/2 x 2 5/8	1300	DCMC132T450ED2B	91.1	4.7	1 3/4 x 4 5/8
1900	DCMC192T400BC2B	69.8	5.7	2 x 4 1/8	1500	DCMC152T450EE2B	79.2	5.4	1 3/4 x 5 1/8
2000	DCMC202T400EE2B	63.4	6.3	1 3/4 x 5 1/8	1500	DCMC152T450BC2B	89.5	5.3	2 x 4 1/8
2100	DCMC212T400CB2B	65.3	6.4	2 1/2 x 3 1/8	1700	DCMC172T450EF2B	70.2	6.2	1 3/4 x 5 5/8
2200	DCMC222T400EF2B	57.3	7.1	1 3/4 x 5 5/8	1700	DCMC172T450CB2B	81.1	6.0	2 1/2 x 3 1/8
2300	DCMC232T400BD2B	59.3	7.2	2 x 4 5/8	1800	DCMC182T450BD2B	76.0	6.4	2 x 4 5/8
2600	DCMC262T400BE2B	52.2	6.8	2 x 5 1/8	1900	DCMC192T450BE2B	66.8	6.0	2 x 5 1/8
2600	DCMC262T400CJ2B	52.0	7.2	2 1/2 x 3 5/8	2000	DCMC202T450CJ2B	66.5	6.4	2 1/2 x 3 5/8
2900	DCMC292T400BF2B	45.9	8.1	2 x 5 5/8	2200	DCMC222T450BF2B	58.6	7.1	2 x 5 5/8
3100	DCMC312T400CC2B	42.8	8.7	2 1/2 x 4 1/8	2400	DCMC242T450CC2B	54.7	7.7	2 1/2 x 4 1/8
3200	DCMC322T400DB2B	57.5	7.8	3 x 3 1/8	2500	DCMC252T450DB2B	65.7	7.3	3 x 3 1/8
3900	DCMC392T400CD2B	35.6	10.3	2 1/2 x 4 5/8	2800	DCMC282T450CD2B	46.4	9.0	2 1/2 x 4 5/8
3900	DCMC392T400DJ2B	44.9	9.4	3 x 3 5/8	3000	DCMC302T450DJ2B	52.2	8.7	3 x 3 5/8
4000	DCMC402T400CE2B	31.7	10.3	2 1/2 x 5 1/8	3300	DCMC332T450CE2B	40.4	9.2	2 1/2 x 5 1/8
4700	DCMC472T400CF2B	28.1	11.5	2 1/2 x 5 5/8	3900	DCMC392T450CF2B	35.4	10.3	2 1/2 x 5 5/8
4700	DCMC472T400DC2B	37.0	10.5	3 x 4 1/8					

# Type DCMC 85 °C High Capacitance, Screw Terminal, Aluminum

## Highest Capacitance Screw Terminal Type

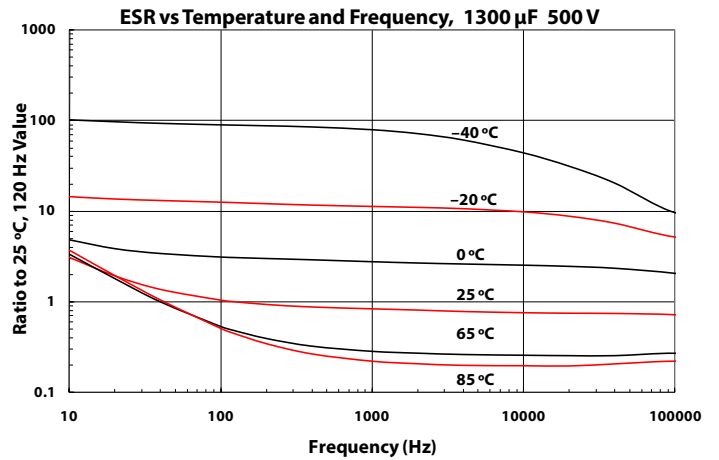
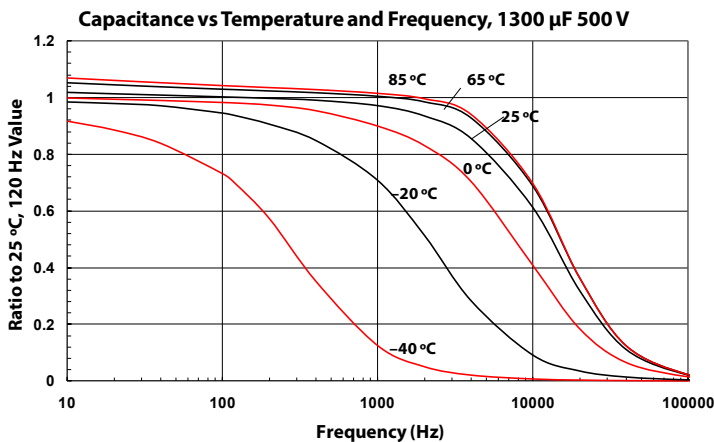
Cap. (µF)	Catalog Part Number	ESR Max. @ 25 °C 120 Hz (mΩ)	Ripple Max. @ 85°C 120 Hz (A)	Nominal Size D x L (inches)
3900	DCMC392T450DC2B	40.1	10.1	3 x 4 1/8
4100	DCMC412T450DD2B	37.5	10.8	3 x 4 5/8
4700	DCMC472T450DE2B	32.5	12.0	3 x 5 1/8
5000	DCMC502T450FC2D	31.8	12.5	3 1/2 x 4 1/8
5600	DCMC562T450DF2B	28.8	13.3	3 x 5 5/8
5800	DCMC582T450DP2B	27.3	15.4	3 x 5 7/8
5800	DCMC582T450FD2D	27.0	13.5	3 1/2 x 4 5/8
6800	DCMC682T450FE2D	23.5	15.0	3 1/2 x 5 1/8
7300	DCMC732T450FF2D	21.1	16.3	3 1/2 x 5 5/8
7700	DCMC772T450FP2D	20.0	17.2	3 1/2 x 5 7/8
7900	DCMC792T450DN2B	21.3	17.1	3 x 7 5/8
9000	DCMC902T450DG2B	17.6	18.6	3 x 8 5/8
10000	DCMC103T450FN2D	15.9	21.6	3 1/2 x 7 5/8
12000	DCMC123T450FG2D	13.3	24.0	3 1/2 x 8 5/8
<b>500 Vdc (550 Vdc Surge)</b>				
110	DCMC111T500AK2B	1224.3	0.8	1 3/8 x 1 5/8
180	DCMC181T500AA2B	736.9	1.2	1 3/8 x 2 1/8
240	DCMC241T500AH2B	556.5	1.4	1 3/8 x 2 5/8
270	DCMC271T500EA2B	498.4	1.6	1 3/4 x 2 1/8
320	DCMC321T500AB2B	409.7	1.9	1 3/8 x 3 1/8
340	DCMC341T500BA2B	393.1	2.0	2 x 2 1/8
380	DCMC381T500EH2B	347.2	2.2	1 3/4 x 2 5/8
400	DCMC401T500AJ2B	338.1	2.4	1 3/8 x 3 5/8
470	DCMC471T500BH2B	273.9	2.7	2 x 2 5/8
480	DCMC481T500AC2B	293.2	2.1	1 3/8 x 4 1/8
500	DCMC501T500EB2B	264.5	2.4	1 3/4 x 3 1/8
560	DCMC561T500AD2B	261.2	2.6	1 3/8 x 4 5/8
640	DCMC641T500AE2B	231.1	2.9	1 3/8 x 5 1/8
650	DCMC651T500EJ2B	202.0	3.2	1 3/4 x 3 5/8
700	DCMC701T500BB2B	200.1	3.4	2 x 3 1/8
720	DCMC721T500AF2B	195.4	3.6	1 3/8 x 5 5/8
790	DCMC791T500EC2B	172.4	3.9	1 3/4 x 4 1/8
800	DCMC801T500CH2B	170.6	3.0	2 1/2 x 2 5/8
860	DCMC861T500BJ2B	159.1	3.4	2 x 3 5/8
930	DCMC931T500ED2B	149.1	3.7	1 3/4 x 4 5/8
1000	DCMC102T500BC2B	138.7	4.1	2 x 4 1/8
1100	DCMC112T500EE2B	129.6	4.4	1 3/4 x 5 1/8

Cap. (µF)	Catalog Part Number	ESR Max. @ 25 °C 120 Hz (mΩ)	Ripple Max. @ 85°C 120 Hz (A)	Nominal Size D x L (inches)
1100	DCMC112T500CB2B	122.0	4.7	2 1/2 x 3 1/8
1200	DCMC122T500EF2B	114.7	5.0	1 3/4 x 5 5/8
1200	DCMC122T500BD2B	117.7	5.1	2 x 4 5/8
1400	DCMC142T500BE2B	102.3	4.8	2 x 5 1/8
1400	DCMC142T500CJ2B	95.1	5.3	2 1/2 x 3 5/8
1500	DCMC152T500BF2B	93.3	5.7	2 x 5 5/8
1700	DCMC172T500CC2B	79.7	6.4	2 1/2 x 4 1/8
1700	DCMC172T500DB2B	86.4	6.4	3 x 3 1/8
2100	DCMC212T500CE2B	61.1	7.8	2 1/2 x 5 1/8
2200	DCMC222T500CD2B	68.3	7.6	2 1/2 x 4 5/8
2200	DCMC222T500DJ2B	67.4	7.1	3 x 3 5/8
2500	DCMC252T500CF2B	54.7	8.3	2 1/2 x 5 5/8
2500	DCMC252T500DC2B	55.4	8.6	3 x 4 1/8
3000	DCMC302T500DD2B	48.1	9.5	3 x 4 5/8
3400	DCMC342T500DE2B	43.1	10.4	3 x 5 1/8
3500	DCMC352T500FC2D	40.1	11.1	3 1/2 x 4 1/8
3900	DCMC392T500DF2B	37.5	11.6	3 x 5 5/8
4100	DCMC412T500DP2B	35.5	13.5	3 x 5 7/8
4100	DCMC412T500FD2D	34.1	12.0	3 1/2 x 4 5/8
4800	DCMC482T500FE2D	30.0	13.2	3 1/2 x 5 1/8
5400	DCMC542T500FF2D	28.0	14.2	3 1/2 x 5 5/8
5700	DCMC572T500FP2D	26.0	15.1	3 1/2 x 5 7/8
5700	DCMC572T500DN2B	27.9	15.0	3 x 7 5/8
6600	DCMC662T500DG2B	23.1	16.2	3 x 8 5/8
7900	DCMC792T500FN2D	20.5	19.1	3 1/2 x 7 5/8
9200	DCMC922T500FG2D	16.7	21.4	3 1/2 x 8 5/8
<b>550 Vdc (600 Vdc Surge)</b>				
1400	DCMC142T550CC2B	170.5	4.9	2 1/2 x 4 1/8
1700	DCMC172T550CD2B	132.6	5.9	2 1/2 x 4 5/8
1900	DCMC192T550CE2B	111.7	6.8	2 1/2 x 5 1/8
2200	DCMC222T550DC2B	90.4	7.8	3 x 4 1/8
2300	DCMC232T550CF2B	86.5	7.8	2 1/2 x 5 5/8
2500	DCMC252T550DD2B	79.6	8.4	3 x 4 5/8
2900	DCMC292T550DE2B	64.0	9.7	3 x 5 1/8
3400	DCMC342T550DF2B	54.6	10.9	3 x 5 5/8
3700	DCMC372T550DP2B	50.2	12.2	3 x 5 7/8
5100	DCMC512T550DN2B	36.4	16.2	3 x 7 5/8

# Type DCMC 85 °C High Capacitance, Screw Terminal, Aluminum

## Highest Capacitance Screw Terminal Type

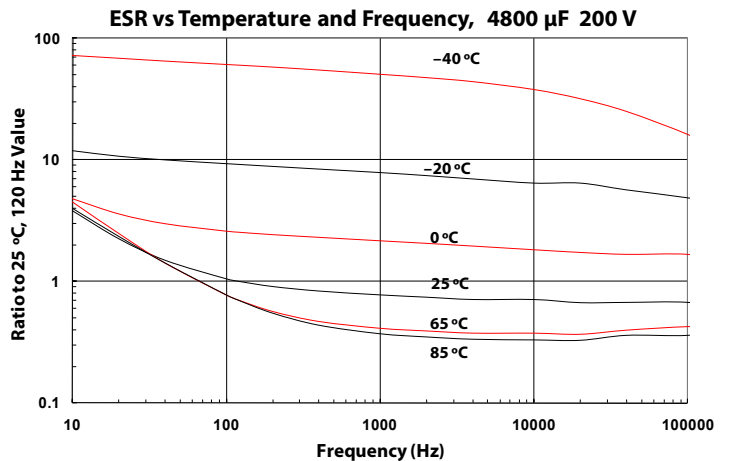
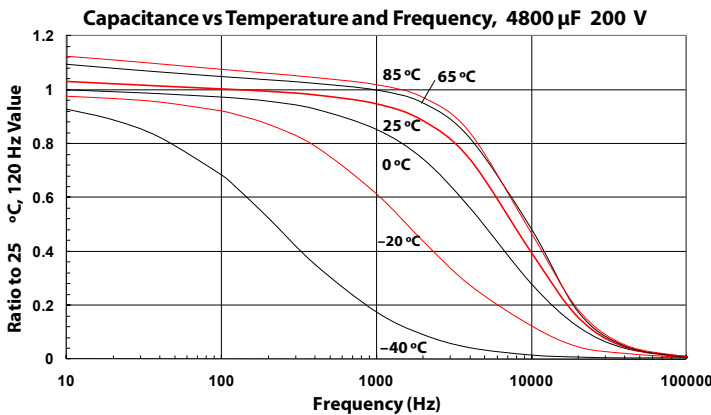
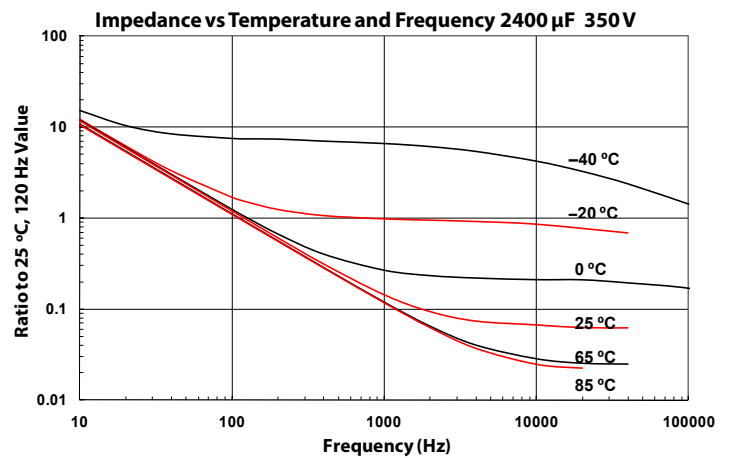
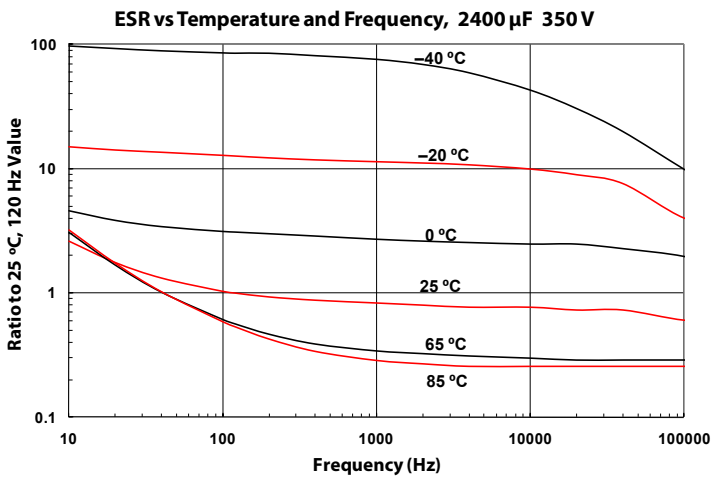
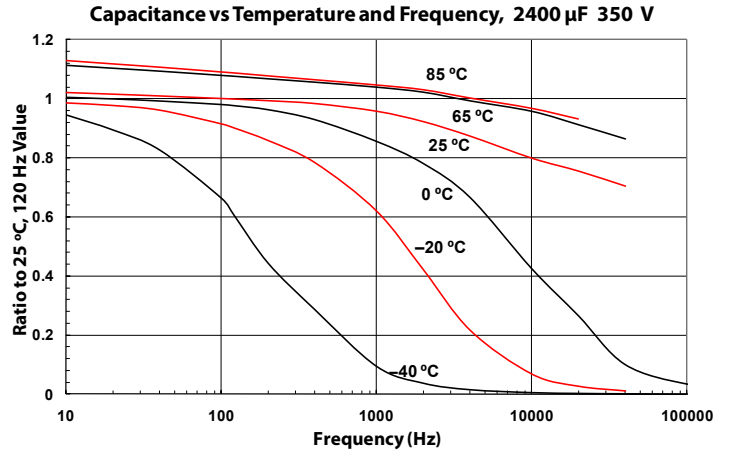
### Typical Performance Curves



# Type DCMC 85 °C High Capacitance, Screw Terminal, Aluminum

## Highest Capacitance Screw Terminal Type

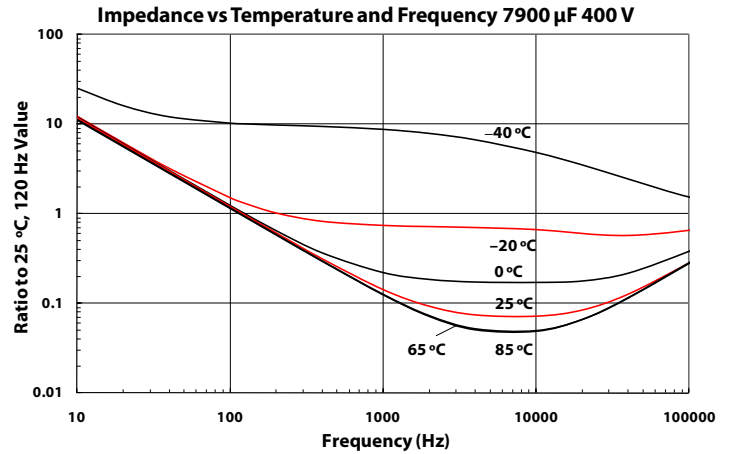
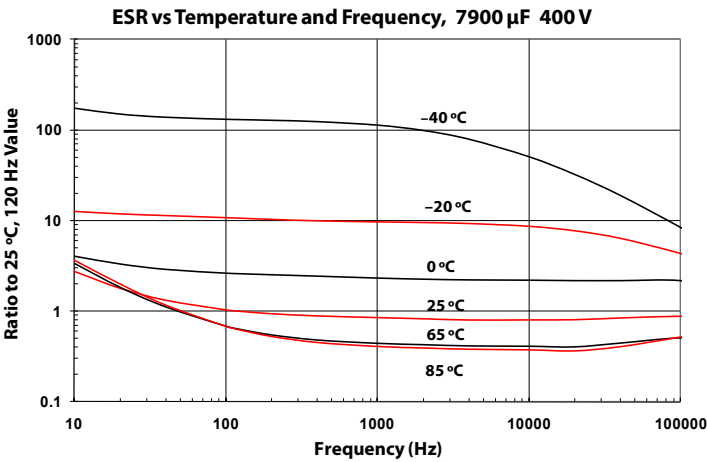
### Typical Performance Curves



# Type DCMC 85 °C High Capacitance, Screw Terminal, Aluminum

## Highest Capacitance Screw Terminal Type

### Typical Performance Curves



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