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

## Highest Capacitance Screw Terminal Type

With more capacitance and often more ripple-current capabilty 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<br>–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** | 0.92 | 0.94 | 1.00 | 1.05 | 1.10 | 1.10 | 1.12 |
| **200 to 350 V** | 0.80 | 0.85 | 1.00 | 1.17 | 1.30 | 1.30 | 1.32 |
| **400 to 550 V** | 0.78 | 0.83 | 1.00 | 1.20 | 1.35 | 1.36 | 1.40 |
| **2" & 2 1/2" Diameters** | | | | | | | |
| **6.3 to 160 V** | 0.93 | 0.95 | 1.00 | 1.04 | 1.07 | 1.11 | 1.12 |
| **200 to 350 V** | 0.81 | 0.87 | 1.00 | 1.13 | 1.20 | 1.24 | 1.26 |
| **400 to 550 V** | 0.79 | 0.83 | 1.00 | 1.17 | 1.26 | 1.30 | 1.34 |
| **3" & 3 1/2" Diameters** | | | | | | | |
| **6.3 to 160 V** | 0.95 | 0.96 | 1.00 | 1.02 | 1.04 | 1.05 | 1.05 |
| **200 to 350 V** | 0.85 | 0.88 | 1.00 | 1.08 | 1.12 | 1.14 | 1.17 |
| **400 to 550 V** | 0.82 | 0.84 | 1.00 | 1.13 | 1.20 | 1.24 | 1.27 |

| | |
|---|---|
| **Low Temperature Characteristics** | Impedance ratio: $Z_{-20°C}/Z_{+25°C}$<br>≤ 20 (6.3–10 Vdc)<br>≤ 8 (16–50 Vdc)<br>≤ 4 (63–100 Vdc)<br>≤ 3 (150–550 Vdc) |
| **Endurance Life Test** | 2000 h @ full load at 85 °C<br>Δ Capacitance ±20%<br>ESR 200% of limit<br>DCL 100% of limit |
| **Shelf Life Test** | 500 h @ 85 °C<br>Capacitance 100% of limit<br>ESR 100% of limit<br>DCL 100% of limit |
| **Vibration** | 5 to 55 Hz, 0.06" and 10 g max, 1.5 h each of 2 axes |
| **RoHS Compliant** | |

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

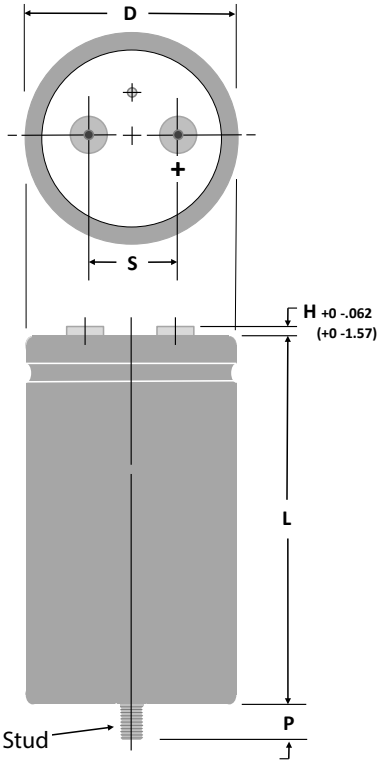
## Highest Capacitance Screw Terminal Type

## Part Numbering System

| DCMC | 472 | U | 400 | DC | 2 | B | S |
|---|---|---|---|---|---|---|---|
| Type | Capacitance | Tolerance | Voltage | Case Code | Insulation | Terminal | Can Style |
| | **100** = 10 µF<br>**101** = 100 µF<br>**492** = 4900 µF<br>**433**= 43,000 µF | **M** = ±20%<br>**U** = –10%+75%<br>**T** = –10%+50% | **6R3** = 6.3 Vdc<br>**063** = 63 Vdc<br>**400** = 400 Vdc | | **0**= None<br>**1**= Polyester<br>**2**= PVC | **A** = Low Post<br>**B** = High Post<br>**D** = High Current, Low Post<br>**E** = High Current, High Post<br>**F or M** = M5 Post<br>**G** = M6 Low Post<br>**H** = M6 High Post | **Blank**= Standard Can<br>**S**= Stud Bottom<br>**P**= Stud with 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 in | Post Diameter mm | H max in | H max mm | Thread | min Full Thread in | min Full Thread mm | Torque in·lb | Torque N·m |
|---|---|---|---|---|---|---|---|---|---|---|---|
| **Low Post** | 1⅜ to 3 | A | 0.314 | 8.0 | 0.094 | 2.4 | 10–32 | 0.218 | 5.5 | 25 | 2.82 |
| **High Post** | 1⅜ to 3 | B | 0.314 | 8.0 | 0.281 | 7.1 | 10–32 | 0.375 | 9.5 | 25 | 2.82 |
| **High Current, Low** | 2½ to 3½ | D | 0.684 | 17.4 | 0.125 | 3.2 | ¼–28 | 0.344 | 8.7 | 60 | 6.78 |
| **High Current, High** | 2½ to 3½ | E | 0.684 | 17.4 | 0.281 | 7.1 | ¼–28 | 0.469 | 11.9 | 60 | 6.78 |
| **M5 Post, Small** | 1⅜ to 2 | M | 0.314 | 8.0 | 0.281 | 7.1 | M5 | 0.375 | 9.5 | 25 | 2.82 |
| **M5 Post** | 2½ & 3 | F | 0.512 | 13.0 | 0.230 | 5.8 | M5 | 0.344 | 8.7 | 25 | 2.82 |
| **M6 Low Post** | 2½ to 3½ | G | 0.684 | 17.4 | 0.125 | 3.2 | M6 | 0.344 | 8.7 | 60 | 6.78 |
| **M6 High Post** | 2½ to 3½ | 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.

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

## Highest Capacitance Screw Terminal Type

### Uninsulated Case Dimensions

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

| | Diam. (D) | | Length (L) | | Terminals (S) | | Typical Weight | |
|---|---|---|---|---|---|---|---|---|
| Case Code | ±.031 Inches | ±.78 mm | ±.062 Inches | ±1.57 mm | ±0.015 Inches | ±.38 mm | oz | g |
| AK | 1.375 | 34.93 | 1.625 | 41.28 | 0.50 | 12.70 | 1.9 | 54 |
| AA | 1.375 | 34.93 | 2.125 | 53.98 | 0.50 | 12.70 | 2.0 | 57 |
| AH | 1.375 | 34.93 | 2.625 | 66.68 | 0.50 | 12.70 | 2.7 | 77 |
| AB | 1.375 | 34.93 | 3.125 | 79.38 | 0.50 | 12.70 | 3.3 | 94 |
| AJ | 1.375 | 34.93 | 3.625 | 92.08 | 0.50 | 12.70 | 3.8 | 108 |
| AC | 1.375 | 34.93 | 4.125 | 104.78 | 0.50 | 12.70 | 4.4 | 125 |
| AD | 1.375 | 34.93 | 4.625 | 117.48 | 0.50 | 12.70 | 5.1 | 145 |
| AE | 1.375 | 34.93 | 5.125 | 130.18 | 0.50 | 12.70 | 6.8 | 193 |
| AF | 1.375 | 34.93 | 5.625 | 142.88 | 0.50 | 12.70 | 8.1 | 230 |
| EA | 1.750 | 44.45 | 2.125 | 53.98 | 0.75 | 19.05 | 2.7 | 76 |
| EH | 1.750 | 44.45 | 2.625 | 66.68 | 0.75 | 19.05 | 3.8 | 108 |
| EB | 1.750 | 44.45 | 3.125 | 79.38 | 0.75 | 19.05 | 5.1 | 145 |
| EJ | 1.750 | 44.45 | 3.625 | 92.08 | 0.75 | 19.05 | 6.8 | 193 |
| EC | 1.750 | 44.45 | 4.125 | 104.78 | 0.75 | 19.05 | 8.1 | 230 |
| ED | 1.750 | 44.45 | 4.625 | 117.48 | 0.75 | 19.05 | 9.0 | 255 |
| EE | 1.750 | 44.45 | 5.125 | 130.18 | 0.75 | 19.05 | 9.5 | 269 |
| EF | 1.750 | 44.45 | 5.625 | 142.88 | 0.75 | 19.05 | 10.5 | 298 |
| BA | 2.000 | 50.80 | 2.125 | 53.98 | 0.88 | 22.23 | 5.4 | 153 |
| BH | 2.000 | 50.80 | 2.625 | 66.68 | 0.88 | 22.23 | 6.1 | 173 |
| BB | 2.000 | 50.80 | 3.125 | 79.38 | 0.88 | 22.23 | 6.8 | 193 |
| BJ | 2.000 | 50.80 | 3.625 | 92.08 | 0.88 | 22.23 | 8.2 | 232 |
| BC | 2.000 | 50.80 | 4.125 | 104.78 | 0.88 | 22.23 | 9.5 | 269 |
| BD | 2.000 | 50.80 | 4.625 | 117.48 | 0.88 | 22.23 | 10.3 | 292 |
| BE | 2.000 | 50.80 | 5.125 | 130.18 | 0.88 | 22.23 | 10.7 | 303 |
| BF | 2.000 | 50.80 | 5.625 | 142.88 | 0.88 | 22.23 | 13.0 | 369 |
| CH | 2.500 | 63.50 | 2.625 | 66.68 | 1.13 | 28.58 | 9.2 | 261 |
| CB | 2.500 | 63.50 | 3.125 | 79.38 | 1.13 | 28.58 | 10.4 | 295 |
| CJ | 2.500 | 63.50 | 3.625 | 92.08 | 1.13 | 28.58 | 12.7 | 361 |
| CC | 2.500 | 63.50 | 4.125 | 104.78 | 1.13 | 28.58 | 15.0 | 425 |
| CD | 2.500 | 63.50 | 4.625 | 117.48 | 1.13 | 28.58 | 17.2 | 488 |
| CE | 2.500 | 63.50 | 5.125 | 130.18 | 1.13 | 28.58 | 19.3 | 547 |
| CF | 2.500 | 63.50 | 5.625 | 142.88 | 1.13 | 28.58 | 21.4 | 607 |
| DB | 3.000 | 76.20 | 3.125 | 79.38 | 1.25 | 31.75 | 16.7 | 473 |
| DJ | 3.000 | 76.20 | 3.625 | 92.08 | 1.25 | 31.75 | 20.0 | 567 |
| DC | 3.000 | 76.20 | 4.125 | 104.78 | 1.25 | 31.75 | 22.2 | 629 |
| DD | 3.000 | 76.20 | 4.625 | 117.48 | 1.25 | 31.75 | 25.5 | 723 |
| DE | 3.000 | 76.20 | 5.125 | 130.18 | 1.25 | 31.75 | 30.0 | 850 |
| DF | 3.000 | 76.20 | 5.625 | 142.88 | 1.25 | 31.75 | 31.9 | 904 |
| DM | 3.000 | 76.20 | 6.625 | 168.28 | 1.25 | 31.75 | 34.4 | 933.5 |
| DP | 3.000 | 76.20 | 5.875 | 149.23 | 1.25 | 31.75 | 32.8 | 931 |
| DN | 3.000 | 76.20 | 7.625 | 193.68 | 1.25 | 31.75 | 39.5 | 1119 |
| DG | 3.000 | 76.20 | 8.625 | 219.08 | 1.25 | 31.75 | 43.3 | 1227 |
| FC | 3.500 | 88.90 | 4.125 | 104.78 | 1.25 | 31.75 | 30.0 | 850 |
| FD | 3.500 | 88.90 | 4.625 | 117.48 | 1.25 | 31.75 | 34.4 | 976 |
| FE | 3.500 | 88.90 | 5.125 | 130.18 | 1.25 | 31.75 | 40.5 | 1148 |
| FF | 3.500 | 88.90 | 5.625 | 142.88 | 1.25 | 31.75 | 43.1 | 1221 |
| FP | 3.500 | 88.90 | 5.875 | 149.23 | 1.25 | 31.75 | 44.3 | 1257 |
| FN | 3.500 | 88.90 | 7.625 | 193.68 | 1.25 | 31.75 | 53.3 | 1512 |
| FG | 3.500 | 88.90 | 8.625 | 219.08 | 1.25 | 31.75 | 58.5 | 1658 |
| FM | 3.500 | 88.90 | 6.625 | 168.28 | 1.25 | 31.75 | 46.4 | 1315.4 |

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

## Highest Capacitance Screw Terminal Type

### Ratings

| 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) |
|---|---|---|---|---|
| 6.3 Vdc (8 Vdc Surge) | | | | |
| 28000 | DCMC283U6R3AK2B | 46.9 | 4.1 | 1 3/8 x 1 5/8 |
| 57000 | DCMC573U6R3AA2B | 26.5 | 6.1 | 1 3/8 x 2 1/8 |
| 68000 | DCMC683U6R3AH2B | 18.8 | 7.8 | 1 3/8 x 2 5/8 |
| 91000 | DCMC913U6R3AB2B | 14.7 | 9.4 | 1 3/8 x 3 1/8 |
| 100000 | DCMC104U6R3EA2B | 18.8 | 8.8 | 1 3/4 x 2 1/8 |
| 110000 | DCMC114U6R3AJ2B | 12.8 | 11.2 | 1 3/8 x 3 5/8 |
| 120000 | DCMC124U6R3EH2B | 14.3 | 11.0 | 1 3/4 x 2 5/8 |
| 130000 | DCMC134U6R3AC2B | 11.0 | 13.0 | 1 3/8 x 4 1/8 |
| 130000 | DCMC134U6R3BA2B | 14.2 | 11.9 | 2 x 2 1/8 |
| 150000 | DCMC154U6R3BH2B | 9.9 | 11.6 | 2 x 2 5/8 |
| 160000 | DCMC164U6R3AD2B | 9.8 | 12.5 | 1 3/8 x 4 5/8 |
| 160000 | DCMC164U6R3EB2B | 11.0 | 12.6 | 1 3/4 x 3 1/8 |
| 180000 | DCMC184U6R3AE2B | 8.9 | 14.7 | 1 3/8 x 5 1/8 |
| 200000 | DCMC204U6R3AF2B | 8.3 | 16.0 | 1 3/8 x 5 5/8 |
| 200000 | DCMC204U6R3EJ2B | 9.1 | 15.9 | 1 3/4 x 3 5/8 |
| 210000 | DCMC214U6R3BB2B | 7.8 | 17.8 | 2 x 3 1/8 |
| 240000 | DCMC244U6R3EC2B | 7.9 | 18.3 | 1 3/4 x 4 1/8 |
| 260000 | DCMC264U6R3BJ2B | 6.5 | 15.6 | 2 x 3 5/8 |
| 260000 | DCMC264U6R3CH2B | 6.9 | 16.2 | 2 1/2 x 2 5/8 |
| 280000 | DCMC284U6R3ED2B | 7.0 | 17.1 | 1 3/4 x 4 5/8 |
| 310000 | DCMC314U6R3BC2B | 5.6 | 20.2 | 2 x 4 1/8 |
| 320000 | DCMC324U6R3EE2B | 6.4 | 19.7 | 1 3/4 x 5 1/8 |
| 350000 | DCMC354U6R3CB2B | 5.3 | 22.6 | 2 1/2 x 3 1/8 |
| 360000 | DCMC364U6R3EF2B | 6.0 | 22.0 | 1 3/4 x 5 5/8 |
| 370000 | DCMC374U6R3BD2B | 5.0 | 24.9 | 2 x 4 5/8 |
| 420000 | DCMC424U6R3BE2B | 4.5 | 23.0 | 2 x 5 1/8 |
| 440000 | DCMC444U6R3CJ2B | 4.3 | 25.0 | 2 1/2 x 3 5/8 |
| 470000 | DCMC474U6R3BF2B | 4.2 | 26.7 | 2 x 5 5/8 |
| 520000 | DCMC524U6R3DB2B | 4.1 | 28.3 | 3 x 3 1/8 |
| 530000 | DCMC534U6R3CC2D | 3.8 | 30.4 | 2 1/2 x 4 1/8 |
| 610000 | DCMC614U6R3CD2D | 3.4 | 33.4 | 2 1/2 x 4 5/8 |
| 650000 | DCMC654U6R3DJ2D | 3.3 | 34.6 | 3 x 3 5/8 |
| 700000 | DCMC704U6R3CE2D | 3.1 | 33.3 | 2 1/2 x 5 1/8 |
| 780000 | DCMC784U6R3DC2D | 2.9 | 35.7 | 3 x 4 1/8 |
| 790000 | DCMC794U6R3CF2D | 2.8 | 37.9 | 2 1/2 x 5 5/8 |
| 910000 | DCMC914U6R3DD2D | 2.6 | 41.0 | 3 x 4 5/8 |
| 1000000 | DCMC105U6R3DE2D | 2.4 | 44.4 | 3 x 5 1/8 |
| 1100000 | DCMC115U6R3DF2D | 2.4 | 45.0 | 3 x 5 5/8 |
| 1100000 | DCMC115U6R3FC2D | 3.0 | 41.4 | 3 1/2 x 4 1/8 |
| 1200000 | DCMC125U6R3DP2D | 2.4 | 51.5 | 3 x 5 7/8 |
| 1200000 | DCMC125U6R3FD2D | 2.6 | 43.2 | 3 1/2 x 4 5/8 |
| 1400000 | DCMC145U6R3FE2D | 2.4 | 47.1 | 3 1/2 x 5 1/8 |
| 1600000 | DCMC165U6R3DN2D | 2.4 | 49.3 | 3 x 7 5/8 |
| 1600000 | DCMC165U6R3FF2D | 2.4 | 47.9 | 3 1/2 x 5 5/8 |
| 1700000 | DCMC175U6R3FP2D | 2.4 | 49.4 | 3 1/2 x 5 7/8 |
| 1900000 | DCMC195U6R3DG2D | 2.4 | 49.9 | 3 x 8 5/8 |
| 2300000 | DCMC235U6R3FN2D | 2.4 | 54.1 | 3 1/2 x 7 5/8 |
| 2700000 | DCMC275U6R3FG2D | 2.4 | 56.5 | 3 1/2 x 8 5/8 |
| 10 Vdc (12 Vdc Surge) | | | | |
| 24000 | DCMC243U010AK2B | 46.9 | 4.1 | 1 3/8 x 1 5/8 |
| 44000 | DCMC443U010AA2B | 26.5 | 6.1 | 1 3/8 x 2 1/8 |
| 57000 | DCMC573U010AH2B | 20.1 | 7.5 | 1 3/8 x 2 5/8 |
| 76000 | DCMC763U010AB2B | 15.5 | 9.2 | 1 3/8 x 3 1/8 |
| 79000 | DCMC793U010EA2B | 18.8 | 8.8 | 1 3/4 x 2 1/8 |
| 96000 | DCMC963U010AJ2B | 12.8 | 11.2 | 1 3/8 x 3 5/8 |
| 100000 | DCMC104U010EH2B | 14.3 | 11.0 | 1 3/4 x 2 5/8 |
| 100000 | DCMC104U010BA2B | 17.6 | 10.3 | 2 x 2 1/8 |
| 110000 | DCMC114U010AC2B | 11.0 | 13.5 | 1 3/8 x 4 1/8 |
| 130000 | DCMC134U010AD2B | 9.8 | 11.6 | 1 3/8 x 4 5/8 |
| 140000 | DCMC144U010EB2B | 11.0 | 11.8 | 1 3/4 x 3 1/8 |
| 140000 | DCMC144U010BH2B | 13.4 | 11.4 | 2 x 2 5/8 |
| 150000 | DCMC154U010AE2B | 8.9 | 14.7 | 1 3/8 x 5 1/8 |
| 170000 | DCMC174U010AF2B | 8.3 | 16.0 | 1 3/8 x 5 5/8 |
| 170000 | DCMC174U010EJ2B | 9.1 | 15.9 | 1 3/4 x 3 5/8 |
| 180000 | DCMC184U010BB2B | 10.5 | 15.4 | 2 x 3 1/8 |
| 210000 | DCMC214U010EC2B | 7.9 | 18.3 | 1 3/4 x 4 1/8 |
| 220000 | DCMC224U010BJ2B | 8.7 | 13.5 | 2 x 3 5/8 |
| 220000 | DCMC224U010CH2B | 8.8 | 14.4 | 2 1/2 x 2 5/8 |
| 240000 | DCMC244U010ED2B | 7.0 | 17.1 | 1 3/4 x 4 5/8 |
| 270000 | DCMC274U010BC2B | 7.5 | 17.4 | 2 x 4 1/8 |
| 280000 | DCMC284U010EE2B | 6.4 | 19.7 | 1 3/4 x 5 1/8 |
| 290000 | DCMC294U010CB2B | 6.7 | 20.0 | 2 1/2 x 3 1/8 |
| 310000 | DCMC314U010EF2B | 6.0 | 22.0 | 1 3/4 x 5 5/8 |
| 310000 | DCMC314U010BD2B | 6.7 | 21.5 | 2 x 4 5/8 |
| 350000 | DCMC354U010BE2B | 6.1 | 19.8 | 2 x 5 1/8 |
| 370000 | DCMC374U010CJ2B | 5.5 | 22.1 | 2 1/2 x 3 5/8 |
| 400000 | DCMC404U010BF2B | 5.7 | 22.9 | 2 x 5 5/8 |
| 430000 | DCMC434U010DB2B | 4.1 | 28.3 | 3 x 3 1/8 |
| 440000 | DCMC444U010CC2B | 4.8 | 26.9 | 2 1/2 x 4 1/8 |
| 510000 | DCMC514U010CD2B | 4.3 | 29.5 | 2 1/2 x 4 5/8 |
| 540000 | DCMC544U010DJ2D | 3.3 | 34.6 | 3 x 3 5/8 |
| 590000 | DCMC594U010CE2B | 3.9 | 29.5 | 2 1/2 x 5 1/8 |
| 640000 | DCMC644U010DC2D | 2.9 | 35.7 | 3 x 4 1/8 |
| 660000 | DCMC664U010CF2D | 3.6 | 33.5 | 2 1/2 x 5 5/8 |
| 750000 | DCMC754U010DD2D | 2.6 | 41.0 | 3 x 4 5/8 |
| 860000 | DCMC864U010DE2D | 2.4 | 44.4 | 3 x 5 1/8 |
| 900000 | DCMC904U010FC2D | 2.9 | 41.6 | 3 1/2 x 4 1/8 |
| 940000 | DCMC944U010DF2D | 2.3 | 47.1 | 3 x 5 5/8 |
| 1000000 | DCMC105U010DP2D | 2.3 | 52.8 | 3 x 5 7/8 |
| 1000000 | DCMC105U010FD2D | 2.8 | 42.0 | 3 1/2 x 4 5/8 |
| 1200000 | DCMC125U010FE2D | 2.5 | 46.3 | 3 1/2 x 5 1/8 |
| 1300000 | DCMC135U010FF2D | 2.2 | 50.3 | 3 1/2 x 5 5/8 |
| 1400000 | DCMC145U010DN2D | 2.1 | 52.7 | 3 x 7 5/8 |
| 1400000 | DCMC145U010FP2D | 2.1 | 52.7 | 3 1/2 x 5 7/8 |
| 1600000 | DCMC165U010DG2D | 2.1 | 54.2 | 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) |
|---|---|---|---|---|
| 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 |
| | | 16 Vdc (20 Vdc Surge) | | |
| 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 |
| | | 25 Vdc (30 Vdc Surge) | | |
| 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 |
| | **35 Vdc (40 Vdc Surge)** | | | |
| 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 |
| | **50 Vdc (65 Vdc Surge)** | | | |
| 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 |
| | **63 Vdc (75 Vdc Surge)** | | | |
| 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 |
| | **75 Vdc (95 Vdc Surge)** | | | |
| 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 |
| | 100 Vdc (125 Vdc Surge) | | | |
| 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 |
| | 160 Vdc (200 Vdc Surge) | | | |
| 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 |
| | 200 Vdc (250 Vdc Surge) | | | |
| 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 |
| | 250 Vdc (300 Vdc Surge) | | | |
| 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 |
| **300 Vdc (350 Vdc Surge)** | | | | |
| 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 |
| **350 Vdc (400 Vdc Surge)** | | | | |
| 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) |
|---|---|---|---|---|
| 7200 | DCMC722T350DE2B | 25.8 | 13.4 | 3 x 5 1/8 |
| 7700 | DCMC772T350FC2D | 29.9 | 12.8 | 3 1/2 x 4 1/8 |
| 8200 | DCMC822T350DF2B | 22.9 | 14.9 | 3 x 5 5/8 |
| 8400 | DCMC842T350DP2B | 21.7 | 17.2 | 3 x 5 7/8 |
| 8800 | DCMC882T350FD2D | 25.7 | 13.8 | 3 1/2 x 4 5/8 |
| 10000 | DCMC103T350FE2D | 22.5 | 15.3 | 3 1/2 x 5 1/8 |
| 11000 | DCMC113T350DN2B | 17.1 | 19.1 | 3 x 7 5/8 |
| 11000 | DCMC113T350FF2D | 20.0 | 16.7 | 3 1/2 x 5 5/8 |
| 12000 | DCMC123T350FP2D | 18.9 | 17.7 | 3 1/2 x 5 7/8 |
| 13000 | DCMC133T350DG2B | 14.2 | 20.7 | 3 x 8 5/8 |
| 16000 | DCMC163T350FN2D | 14.9 | 22.3 | 3 1/2 x 7 5/8 |
| 18000 | DCMC183T350FG2D | 12.4 | 24.8 | 3 1/2 x 8 5/8 |
| | **400 Vdc (450 Vdc Surge)** | | | |
| 180 | DCMC181T400AK2B | 652.4 | 1.1 | 1 3/8 x 1 5/8 |
| 350 | DCMC351T400AA2B | 408.2 | 1.6 | 1 3/8 x 2 1/8 |
| 420 | DCMC421T400AH2B | 272.6 | 2.1 | 1 3/8 x 2 5/8 |
| 570 | DCMC571T400AB2B | 204.8 | 2.5 | 1 3/8 x 3 1/8 |
| 630 | DCMC631T400EA2B | 189.5 | 2.8 | 1 3/4 x 2 1/8 |
| 710 | DCMC711T400AJ2B | 164.3 | 3.1 | 1 3/8 x 3 5/8 |
| 760 | DCMC761T400EH2B | 173.7 | 3.2 | 1 3/4 x 2 5/8 |
| 820 | DCMC821T400BA2B | 179.3 | 3.2 | 2 x 2 1/8 |
| 850 | DCMC851T400AC2B | 137.3 | 3.8 | 1 3/8 x 4 1/8 |
| 1000 | DCMC102T400AD2B | 118.0 | 3.4 | 1 3/8 x 4 5/8 |
| 1000 | DCMC102T400EB2B | 134.0 | 3.4 | 1 3/4 x 3 1/8 |
| 1000 | DCMC102T400BH2B | 141.7 | 3.5 | 2 x 2 5/8 |
| 1100 | DCMC112T400AE2B | 104.6 | 4.3 | 1 3/8 x 5 1/8 |
| 1200 | DCMC122T400AF2B | 92.4 | 4.8 | 1 3/8 x 5 5/8 |
| 1200 | DCMC122T400EJ2B | 106.6 | 4.6 | 1 3/4 x 3 5/8 |
| 1300 | DCMC132T400BB2B | 108.9 | 4.8 | 2 x 3 1/8 |
| 1500 | DCMC152T400EC2B | 85.8 | 5.6 | 1 3/4 x 4 1/8 |
| 1600 | DCMC162T400BJ2B | 85.0 | 4.3 | 2 x 3 5/8 |
| 1700 | DCMC172T400ED2B | 74.3 | 4.9 | 1 3/4 x 4 5/8 |
| 1700 | DCMC172T400CH2B | 93.1 | 4.7 | 2 1/2 x 2 5/8 |
| 1900 | DCMC192T400BC2B | 69.8 | 5.7 | 2 x 4 1/8 |
| 2000 | DCMC202T400EE2B | 63.4 | 6.3 | 1 3/4 x 5 1/8 |
| 2100 | DCMC212T400CB2B | 65.3 | 6.4 | 2 1/2 x 3 1/8 |
| 2200 | DCMC222T400EF2B | 57.3 | 7.1 | 1 3/4 x 5 5/8 |
| 2300 | DCMC232T400BD2B | 59.3 | 7.2 | 2 x 4 5/8 |
| 2600 | DCMC262T400BE2B | 52.2 | 6.8 | 2 x 5 1/8 |
| 2600 | DCMC262T400CJ2B | 52.0 | 7.2 | 2 1/2 x 3 5/8 |
| 2900 | DCMC292T400BF2B | 45.9 | 8.1 | 2 x 5 5/8 |
| 3100 | DCMC312T400CC2B | 42.8 | 8.7 | 2 1/2 x 4 1/8 |
| 3200 | DCMC322T400DB2B | 57.5 | 7.8 | 3 x 3 1/8 |
| 3900 | DCMC392T400CD2B | 35.6 | 10.3 | 2 1/2 x 4 5/8 |
| 3900 | DCMC392T400DJ2B | 44.9 | 9.4 | 3 x 3 5/8 |
| 4000 | DCMC402T400CE2B | 31.7 | 10.3 | 2 1/2 x 5 1/8 |
| 4700 | DCMC472T400CF2B | 28.1 | 11.5 | 2 1/2 x 5 5/8 |
| 4700 | DCMC472T400DC2B | 37.0 | 10.5 | 3 x 4 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) |
|---|---|---|---|---|
| 5300 | DCMC532T400DD2B | 31.5 | 11.8 | 3 x 4 5/8 |
| 6000 | DCMC602T400DE2B | 27.4 | 13.0 | 3 x 5 1/8 |
| 6400 | DCMC642T400FC2D | 31.9 | 12.4 | 3 1/2 x 4 1/8 |
| 6800 | DCMC682T400DF2B | 24.4 | 14.4 | 3 x 5 5/8 |
| 7100 | DCMC712T400DP2B | 23.1 | 16.7 | 3 x 5 7/8 |
| 7400 | DCMC742T400FD2D | 27.4 | 13.4 | 3 1/2 x 4 5/8 |
| 8400 | DCMC842T400FE2D | 23.9 | 14.8 | 3 1/2 x 5 1/8 |
| 9400 | DCMC942T400FF2D | 21.2 | 16.2 | 3 1/2 x 5 5/8 |
| 9600 | DCMC962T400DN2B | 18.2 | 18.6 | 3 x 7 5/8 |
| 9900 | DCMC992T400FP2D | 20.1 | 17.2 | 3 1/2 x 5 7/8 |
| 11000 | DCMC113T400DG2B | 15.1 | 20.1 | 3 x 8 5/8 |
| 13000 | DCMC133T400FN2D | 15.8 | 21.7 | 3 1/2 x 7 5/8 |
| 15000 | DCMC153T400FG2D | 13.1 | 24.1 | 3 1/2 x 8 5/8 |
| | **450 Vdc (500 Vdc Surge)** | | | |
| 150 | DCMC151T450AK2B | 796.7 | 1.0 | 1 3/8 x 1 5/8 |
| 270 | DCMC271T450AA2B | 437.7 | 1.5 | 1 3/8 x 2 1/8 |
| 350 | DCMC351T450AH2B | 337.1 | 1.8 | 1 3/8 x 2 5/8 |
| 460 | DCMC461T450EA2B | 264.2 | 2.2 | 1 3/4 x 2 1/8 |
| 470 | DCMC471T450AB2B | 253.2 | 2.4 | 1 3/8 x 3 1/8 |
| 560 | DCMC561T450AJ2B | 203.0 | 2.8 | 1 3/8 x 3 5/8 |
| 570 | DCMC571T450EH2B | 213.1 | 2.9 | 1 3/4 x 2 5/8 |
| 590 | DCMC591T450BA2B | 228.4 | 2.9 | 2 x 2 1/8 |
| 680 | DCMC681T450AC2B | 169.5 | 3.4 | 1 3/8 x 4 1/8 |
| 740 | DCMC741T450EB2B | 164.5 | 2.8 | 1 3/4 x 3 1/8 |
| 780 | DCMC781T450BH2B | 178.0 | 2.9 | 2 x 2 5/8 |
| 820 | DCMC821T450AD2B | 145.6 | 3.5 | 1 3/8 x 4 5/8 |
| 920 | DCMC921T450EJ2B | 130.9 | 3.8 | 1 3/4 x 3 5/8 |
| 930 | DCMC931T450AE2B | 127.7 | 4.1 | 1 3/8 x 5 1/8 |
| 1000 | DCMC102T450AF2B | 113.9 | 4.5 | 1 3/8 x 5 5/8 |
| 1000 | DCMC102T450BB2B | 137.0 | 4.3 | 2 x 3 1/8 |
| 1100 | DCMC112T450EC2B | 107.4 | 5.0 | 1 3/4 x 4 1/8 |
| 1200 | DCMC122T450BJ2B | 109.0 | 3.8 | 2 x 3 5/8 |
| 1200 | DCMC122T450CH2B | 115.8 | 4.0 | 2 1/2 x 2 5/8 |
| 1300 | DCMC132T450ED2B | 91.1 | 4.7 | 1 3/4 x 4 5/8 |
| 1500 | DCMC152T450EE2B | 79.2 | 5.4 | 1 3/4 x 5 1/8 |
| 1500 | DCMC152T450BC2B | 89.5 | 5.3 | 2 x 4 1/8 |
| 1700 | DCMC172T450EF2B | 70.2 | 6.2 | 1 3/4 x 5 5/8 |
| 1700 | DCMC172T450CB2B | 81.1 | 6.0 | 2 1/2 x 3 1/8 |
| 1800 | DCMC182T450BD2B | 76.0 | 6.4 | 2 x 4 5/8 |
| 1900 | DCMC192T450BE2B | 66.8 | 6.0 | 2 x 5 1/8 |
| 2000 | DCMC202T450CJ2B | 66.5 | 6.4 | 2 1/2 x 3 5/8 |
| 2200 | DCMC222T450BF2B | 58.6 | 7.1 | 2 x 5 5/8 |
| 2400 | DCMC242T450CC2B | 54.7 | 7.7 | 2 1/2 x 4 1/8 |
| 2500 | DCMC252T450DB2B | 65.7 | 7.3 | 3 x 3 1/8 |
| 2800 | DCMC282T450CD2B | 46.4 | 9.0 | 2 1/2 x 4 5/8 |
| 3000 | DCMC302T450DJ2B | 52.2 | 8.7 | 3 x 3 5/8 |
| 3300 | DCMC332T450CE2B | 40.4 | 9.2 | 2 1/2 x 5 1/8 |
| 3900 | DCMC392T450CF2B | 35.4 | 10.3 | 2 1/2 x 5 5/8 |

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

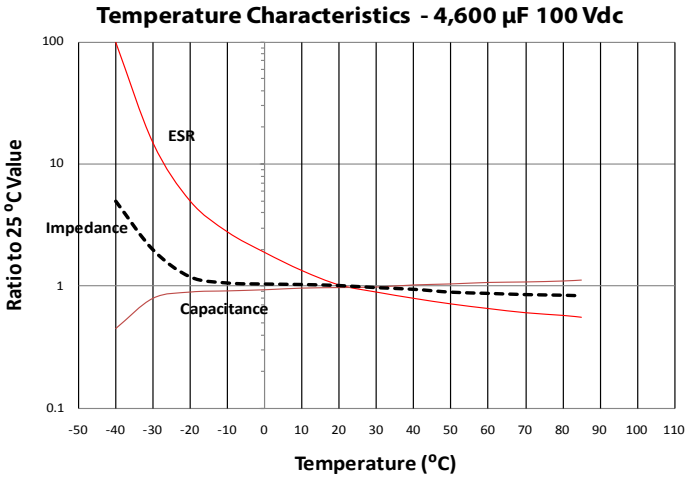
## Highest Capacitance Screw Terminal Type

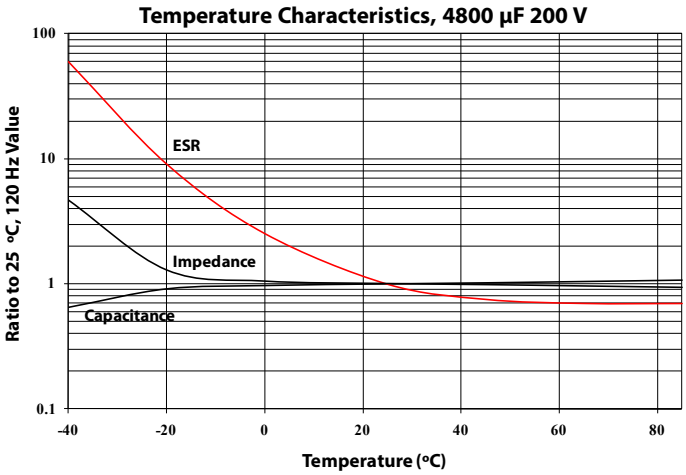
| Cap. (µF) | Catalog Part Number | ESR Max. @ 25 °C 120 Hz (mΩ) | Ripple Max. @ 85°C 120 Hz (A) | Nominal Size D x L (inches) |
|---|---|---|---|---|
| 3900 | DCMC392T450DC2B | 40.1 | 10.1 | 3 x 4 1/8 |
| 4100 | DCMC412T450DD2B | 37.5 | 10.8 | 3 x 4 5/8 |
| 4700 | DCMC472T450DE2B | 32.5 | 12.0 | 3 x 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 |
| | 500 Vdc (550 Vdc Surge) | | | |
| 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 |
| 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 |
| | 550 Vdc (600 Vdc Surge) | | | |
| 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 |

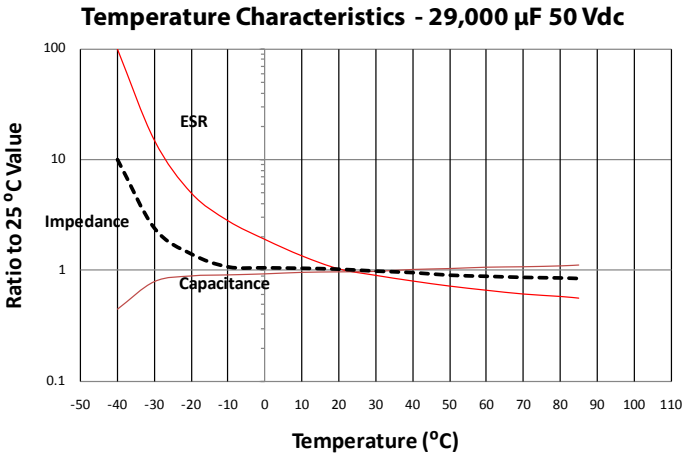
# Type DCMC 85 °C High Capacitance, Screw Terminal, Aluminum

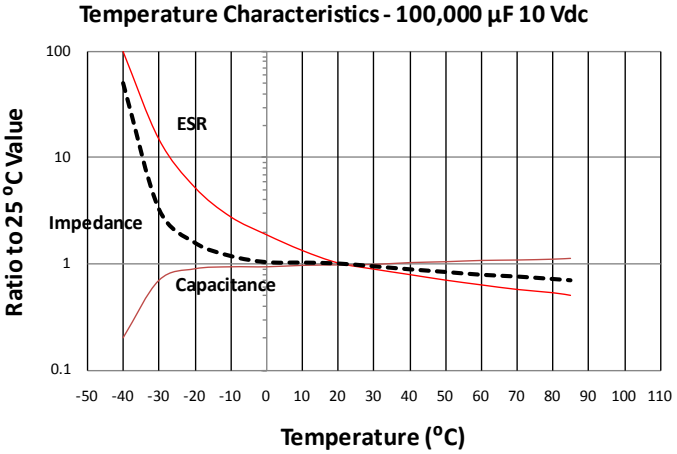
## Highest Capacitance Screw Terminal Type

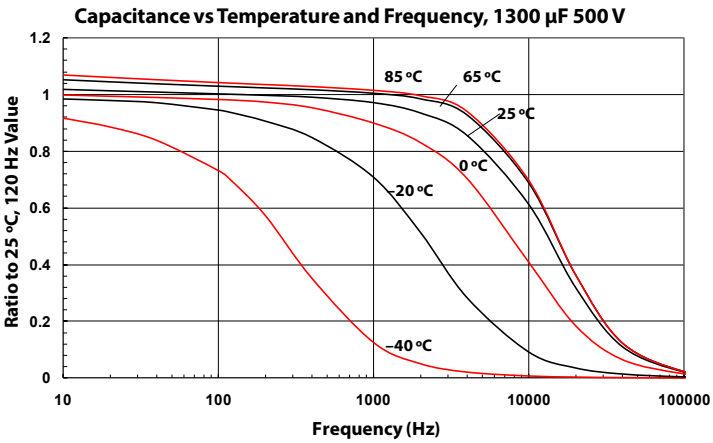
## Typical Performance Curves

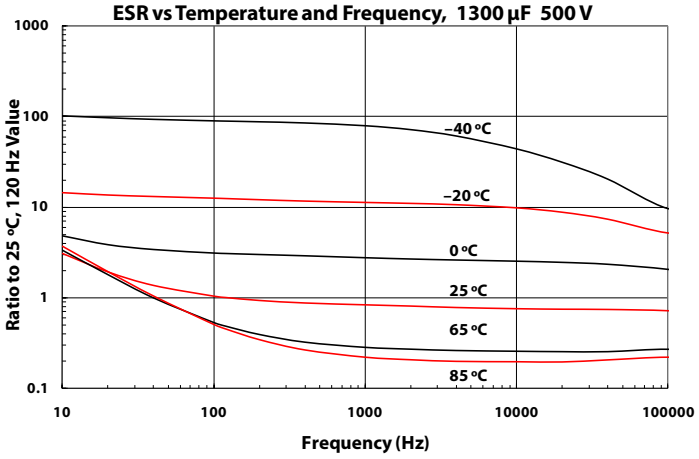


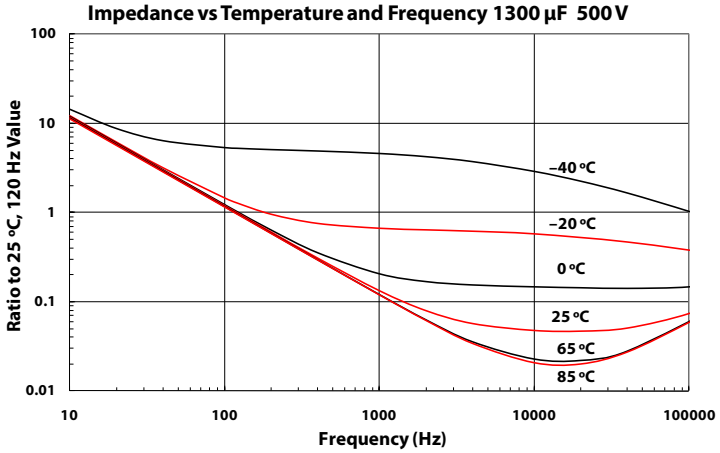



# Type DCMC 85 °C High Capacitance, Screw Terminal, Aluminum

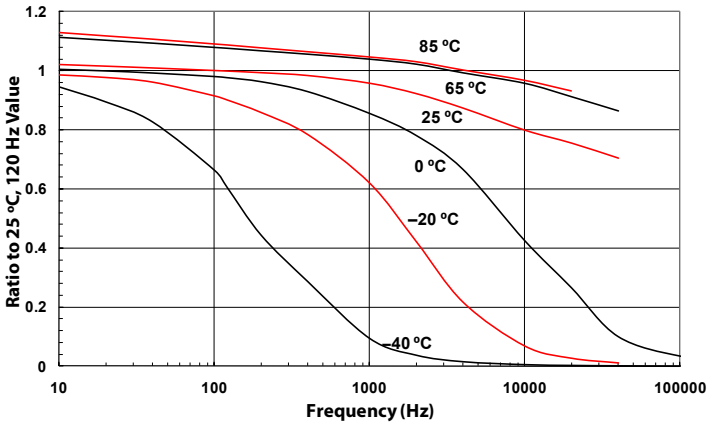
## Highest Capacitance Screw Terminal Type

## Typical Performance Curves

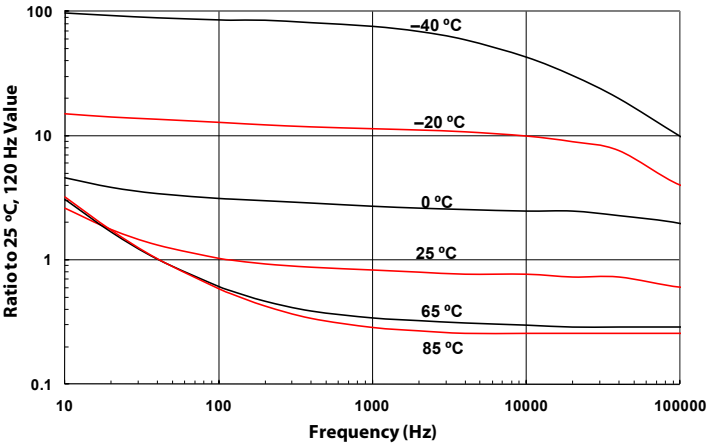
Impedance vs Temperature and Frequency 1300 µF 500 V



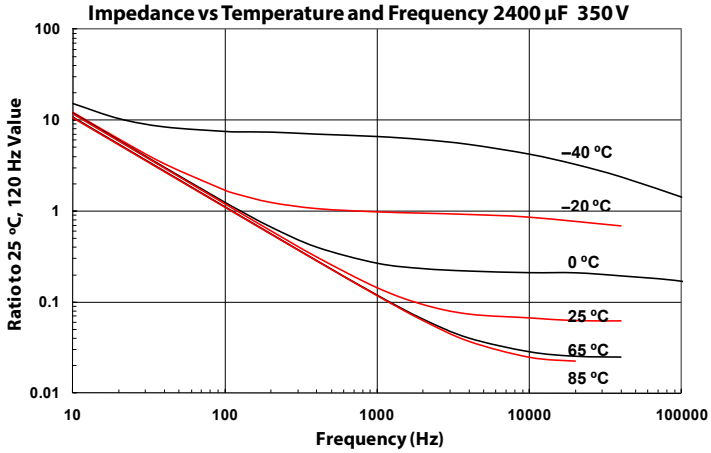

Capacitance vs Temperature and Frequency, 2400 µF 350 V



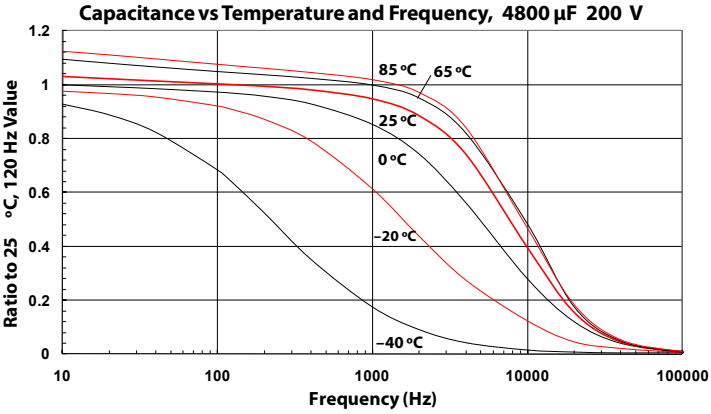

ESR vs Temperature and Frequency, 2400 µF 350 V



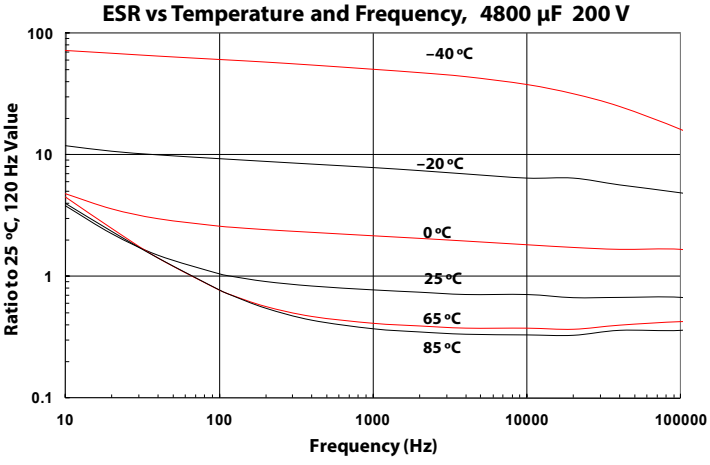

Impedance vs Temperature and Frequency 2400 µF 350 V




Capacitance vs Temperature and Frequency, 4800 µF 200 V



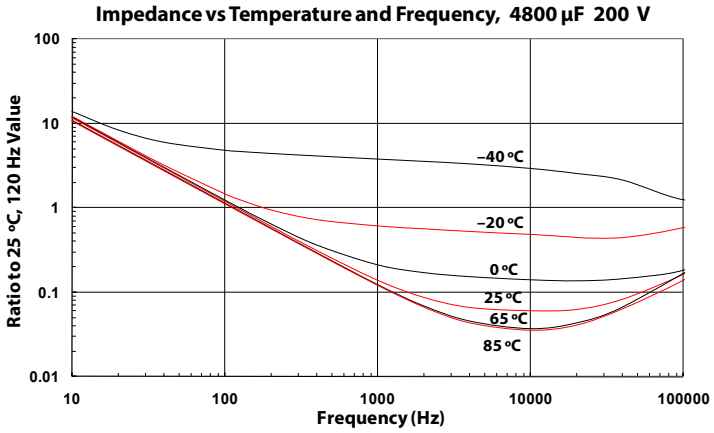

ESR vs Temperature and Frequency, 4800 µF 200 V

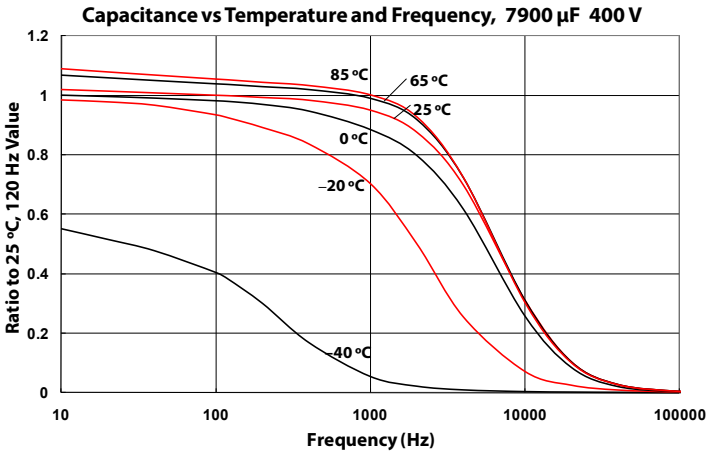


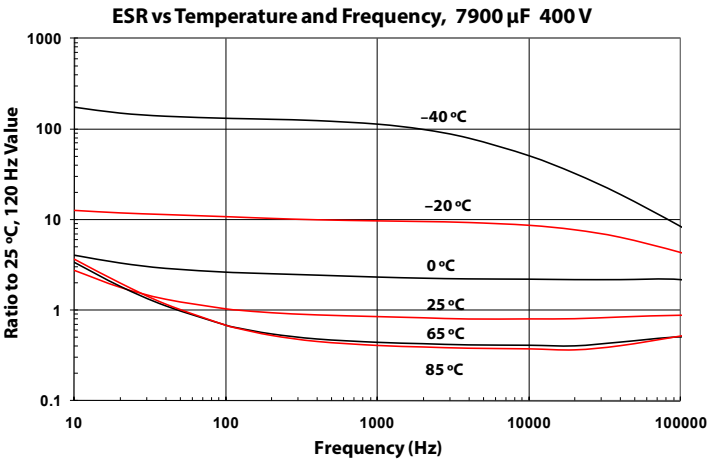
# Type DCMC 85 °C High Capacitance, Screw Terminal, Aluminum

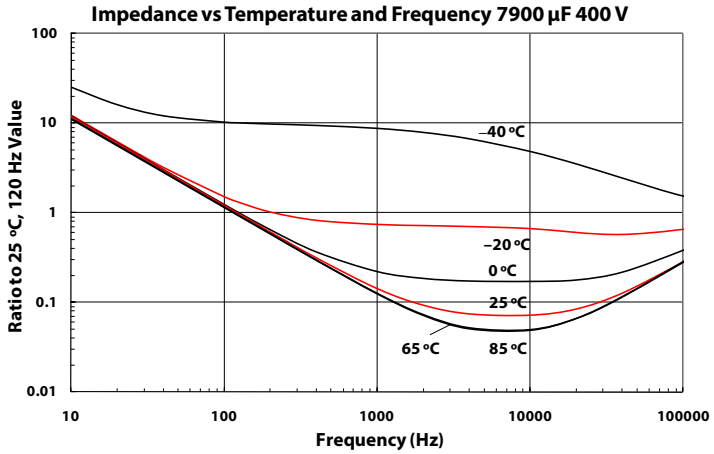
## Highest Capacitance Screw Terminal Type

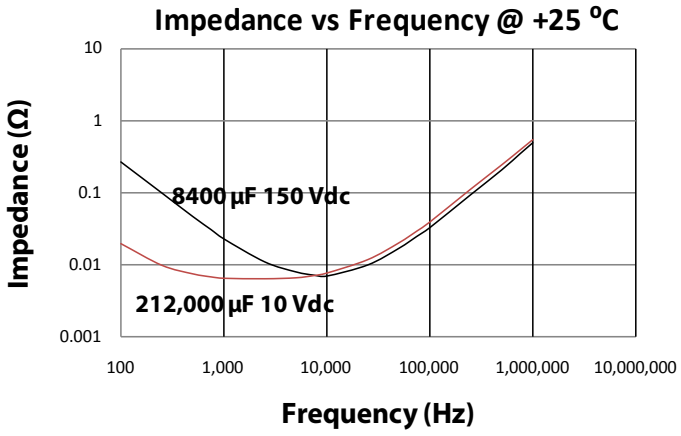
## Typical Performance Curves

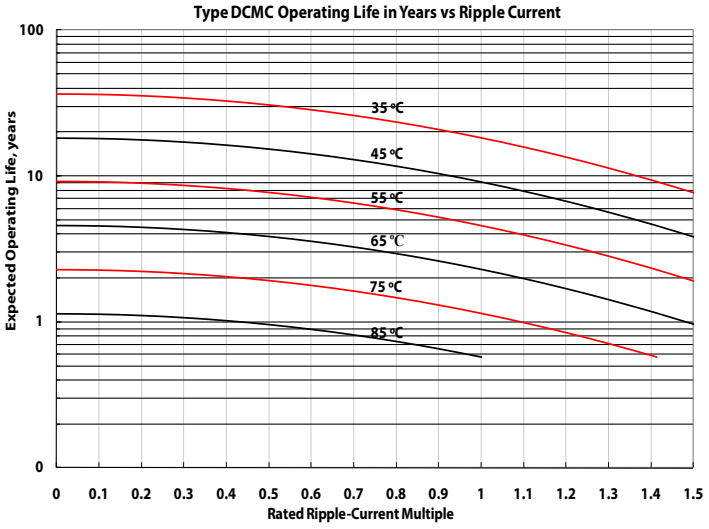


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