

# 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<br>−10% +50% ≥ 160 Vdc                                                                                               |       |       |        |        |       |       |             |
| Leakage Current                 | ≤ 6 √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<br>6.3 to 160 V<br>200 to 350 V<br>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<br>6.3 to 160 V<br>200 to 350 V<br>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<br>6.3 to 160 V<br>200 to 350 V<br>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 <sub>−20°C</sub> /Z <sub>+25°C</sub><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 $\mu$ F     |             | M = $\pm 20\%$   | 6R3 = 6.3 Vdc |           | 0 = None      | A = Low Post                   | Blank =   |
| 101 = 100 $\mu$ F    |             | U = $-10\%+75\%$ | 063 = 63 Vdc  |           | 1 = Polyester | B = High Post                  | Standard  |
| 492 = 4900 $\mu$ F   |             | T = $-10\%+50\%$ | 400 = 400 Vdc |           | 2 = PVC       | D = High Current,<br>Low Post  | Can       |
| 433 = 43,000 $\mu$ F |             |                  |               |           |               | E = High Current,<br>High Post | S = Stud  |
|                      |             |                  |               |           |               | F or M = M5 Post               | Bottom    |
|                      |             |                  |               |           |               | G = M6 Low Post                | P = Stud  |
|                      |             |                  |               |           |               | H = M6 High Post               | 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



Optional Stud

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<br>Diam. | Stud<br>Thread | P $\pm 0.039"$<br>( $\pm 1.0$ 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<br>Diameters              | Code | Post Diameter<br>in mm | H max<br>in mm | Thread            | min Full Thread<br>in mm | Torque<br>in-lb N-m |
|--------------------|------------------------------------|------|------------------------|----------------|-------------------|--------------------------|---------------------|
| Low Post           | 1 $\frac{3}{8}$ to 3               | A    | 0.314 8.0              | 0.094 2.4      | 10-32             | 0.218 5.5                | 25 2.82             |
| High Post          | 1 $\frac{3}{8}$ to 3               | B    | 0.314 8.0              | 0.281 7.1      | 10-32             | 0.375 9.5                | 25 2.82             |
| High Current, Low  | 2 $\frac{1}{2}$ to 3 $\frac{1}{2}$ | D    | 0.684 17.4             | 0.125 3.2      | $\frac{1}{4}$ -28 | 0.344 8.7                | 60 6.78             |
| High Current, High | 2 $\frac{1}{2}$ to 3 $\frac{1}{2}$ | E    | 0.684 17.4             | 0.281 7.1      | $\frac{1}{4}$ -28 | 0.469 11.9               | 60 6.78             |
| M5 Post, Small     | 1 $\frac{3}{8}$ to 2               | M    | 0.314 8.0              | 0.281 7.1      | M5                | 0.375 9.5                | 25 2.82             |
| M5 Post            | 2 $\frac{1}{2}$ & 3                | F    | 0.512 13.0             | 0.230 5.8      | M5                | 0.344 8.7                | 25 2.82             |
| M6 Low Post        | 2 $\frac{1}{2}$ to 3 $\frac{1}{2}$ | G    | 0.684 17.4             | 0.125 3.2      | M6                | 0.344 8.7                | 60 6.78             |
| M6 High Post       | 2 $\frac{1}{2}$ to 3 $\frac{1}{2}$ | 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.

# 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.

| 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>DM</b> | 3.000        | 76.20   | 6.625        | 168.28   | 1.25          | 31.75   | 34.4           | 933.5  |
| <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   |
| <b>FM</b> | 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.<br>(µF)                 | Catalog<br>Part Number | ESR Max.<br>@ 25 °C<br>120 Hz<br>(mΩ) | Ripple Max.<br>@ 85°C<br>120 Hz<br>(A) | Nominal<br>Size<br>D x L<br>(inches) |
|------------------------------|------------------------|---------------------------------------|----------------------------------------|--------------------------------------|
| <b>6.3 Vdc (8 Vdc Surge)</b> |                        |                                       |                                        |                                      |
| 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                        |

| Cap.<br>(µF)                 | Catalog<br>Part Number | ESR Max.<br>@ 25 °C<br>120 Hz<br>(mΩ) | Ripple Max.<br>@ 85°C<br>120 Hz<br>(A) | Nominal<br>Size<br>D x L<br>(inches) |
|------------------------------|------------------------|---------------------------------------|----------------------------------------|--------------------------------------|
| 2700000                      | DCMC275U6R3FG2D        | 2.4                                   | 56.5                                   | 3 1/2 x 8 5/8                        |
| <b>10 Vdc (12 Vdc Surge)</b> |                        |                                       |                                        |                                      |
| 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.<br>(μF)                 | Catalog<br>Part Number | ESR Max.<br>@ 25 °C<br>120 Hz<br>(mΩ) | Ripple Max.<br>@ 85°C<br>120 Hz<br>(A) | Nominal<br>Size<br>D x L<br>(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.<br>(μF)                 | Catalog<br>Part Number | ESR Max.<br>@ 25 °C<br>120 Hz<br>(mΩ) | Ripple Max.<br>@ 85°C<br>120 Hz<br>(A) | Nominal<br>Size<br>D x L<br>(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.<br>(µF)                 | Catalog<br>Part Number | ESR Max.<br>@ 25 °C<br>120 Hz<br>(mΩ) | Ripple Max.<br>@ 85°C<br>120 Hz<br>(A) | Nominal<br>Size<br>D x L<br>(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.<br>(µF)                 | Catalog<br>Part Number | ESR Max.<br>@ 25 °C<br>120 Hz<br>(mΩ) | Ripple Max.<br>@ 85°C<br>120 Hz<br>(A) | Nominal<br>Size<br>D x L<br>(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.<br>(µF)                 | Catalog<br>Part Number | ESR Max.<br>@ 25 °C<br>120 Hz<br>(mΩ) | Ripple Max.<br>@ 85°C<br>120 Hz<br>(A) | Nominal<br>Size<br>D x L<br>(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.<br>(µF)                 | Catalog<br>Part Number | ESR Max.<br>@ 25 °C<br>120 Hz<br>(mΩ) | Ripple Max.<br>@ 85°C<br>120 Hz<br>(A) | Nominal<br>Size<br>D x L<br>(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.<br>(µF)                   | Catalog<br>Part Number | ESR Max.<br>@ 25 °C<br>120 Hz<br>(mΩ) | Ripple Max.<br>@ 85°C<br>120 Hz<br>(A) | Nominal<br>Size<br>D x L<br>(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.<br>(µF)                   | Catalog<br>Part Number | ESR Max.<br>@ 25 °C<br>120 Hz<br>(mΩ) | Ripple Max.<br>@ 85°C<br>120 Hz<br>(A) | Nominal<br>Size<br>D x L<br>(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.<br>(µF)                   | Catalog<br>Part Number | ESR Max.<br>@ 25 °C<br>120 Hz<br>(mΩ) | Ripple Max.<br>@ 85°C<br>120 Hz<br>(A) | Nominal<br>Size<br>D x L<br>(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.<br>(µF)                   | Catalog<br>Part Number | ESR Max.<br>@ 25 °C<br>120 Hz<br>(mΩ) | Ripple Max.<br>@ 85°C<br>120 Hz<br>(A) | Nominal<br>Size<br>D x L<br>(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.<br>(µF)                   | Catalog<br>Part Number | ESR Max.<br>@ 25 °C<br>120 Hz<br>(mΩ) | Ripple Max.<br>@ 85°C<br>120 Hz<br>(A) | Nominal<br>Size<br>D x L<br>(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.<br>(µF)                   | Catalog<br>Part Number | ESR Max.<br>@ 25 °C<br>120 Hz<br>(mΩ) | Ripple Max.<br>@ 85°C<br>120 Hz<br>(A) | Nominal<br>Size<br>D x L<br>(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.<br>(µF)            | Catalog<br>Part Number | ESR Max.<br>@ 25 °C<br>120 Hz<br>(mΩ) | Ripple Max.<br>@ 85°C<br>120 Hz<br>(A) | Nominal<br>Size<br>D x L<br>(inches) | Cap.<br>(µF)            | Catalog<br>Part Number | ESR Max.<br>@ 25 °C<br>120 Hz<br>(mΩ) | Ripple Max.<br>@ 85°C<br>120 Hz<br>(A) | Nominal<br>Size<br>D x L<br>(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                        |
| 400 Vdc (450 Vdc Surge) |                        |                                       |                                        |                                      | 15000                   | DCMC153T400FG2D        | 13.1                                  | 24.1                                   | 3 1/2 x 8 5/8                        |
| 180                     | DCMC181T400AK2B        | 652.4                                 | 1.1                                    | 1 3/8 x 1 5/8                        | 450 Vdc (500 Vdc Surge) |                        |                                       |                                        |                                      |
| 350                     | DCMC351T400AA2B        | 408.2                                 | 1.6                                    | 1 3/8 x 2 1/8                        | 150                     | DCMC151T450AK2B        | 796.7                                 | 1.0                                    | 1 3/8 x 1 5/8                        |
| 420                     | DCMC421T400AH2B        | 272.6                                 | 2.1                                    | 1 3/8 x 2 5/8                        | 270                     | DCMC271T450AA2B        | 437.7                                 | 1.5                                    | 1 3/8 x 2 1/8                        |
| 570                     | DCMC571T400AB2B        | 204.8                                 | 2.5                                    | 1 3/8 x 3 1/8                        | 350                     | DCMC351T450AH2B        | 337.1                                 | 1.8                                    | 1 3/8 x 2 5/8                        |
| 630                     | DCMC631T400EA2B        | 189.5                                 | 2.8                                    | 1 3/4 x 2 1/8                        | 460                     | DCMC461T450EA2B        | 264.2                                 | 2.2                                    | 1 3/4 x 2 1/8                        |
| 710                     | DCMC711T400AJ2B        | 164.3                                 | 3.1                                    | 1 3/8 x 3 5/8                        | 470                     | DCMC471T450AB2B        | 253.2                                 | 2.4                                    | 1 3/8 x 3 1/8                        |
| 760                     | DCMC761T400EH2B        | 173.7                                 | 3.2                                    | 1 3/4 x 2 5/8                        | 560                     | DCMC561T450AJ2B        | 203.0                                 | 2.8                                    | 1 3/8 x 3 5/8                        |
| 820                     | DCMC821T400BA2B        | 179.3                                 | 3.2                                    | 2 x 2 1/8                            | 570                     | DCMC571T450EH2B        | 213.1                                 | 2.9                                    | 1 3/4 x 2 5/8                        |
| 850                     | DCMC851T400AC2B        | 137.3                                 | 3.8                                    | 1 3/8 x 4 1/8                        | 590                     | DCMC591T450BA2B        | 228.4                                 | 2.9                                    | 2 x 2 1/8                            |
| 1000                    | DCMC102T400AD2B        | 118.0                                 | 3.4                                    | 1 3/8 x 4 5/8                        | 680                     | DCMC681T450AC2B        | 169.5                                 | 3.4                                    | 1 3/8 x 4 1/8                        |
| 1000                    | DCMC102T400EB2B        | 134.0                                 | 3.4                                    | 1 3/4 x 3 1/8                        | 740                     | DCMC741T450EB2B        | 164.5                                 | 2.8                                    | 1 3/4 x 3 1/8                        |
| 1000                    | DCMC102T400BH2B        | 141.7                                 | 3.5                                    | 2 x 2 5/8                            | 780                     | DCMC781T450BH2B        | 178.0                                 | 2.9                                    | 2 x 2 5/8                            |
| 1100                    | DCMC112T400AE2B        | 104.6                                 | 4.3                                    | 1 3/8 x 5 1/8                        | 820                     | DCMC821T450AD2B        | 145.6                                 | 3.5                                    | 1 3/8 x 4 5/8                        |
| 1200                    | DCMC122T400AF2B        | 92.4                                  | 4.8                                    | 1 3/8 x 5 5/8                        | 920                     | DCMC921T450EJ2B        | 130.9                                 | 3.8                                    | 1 3/4 x 3 5/8                        |
| 1200                    | DCMC122T400EJ2B        | 106.6                                 | 4.6                                    | 1 3/4 x 3 5/8                        | 930                     | DCMC931T450AE2B        | 127.7                                 | 4.1                                    | 1 3/8 x 5 1/8                        |
| 1300                    | DCMC132T400BB2B        | 108.9                                 | 4.8                                    | 2 x 3 1/8                            | 1000                    | DCMC102T450AF2B        | 113.9                                 | 4.5                                    | 1 3/8 x 5 5/8                        |
| 1500                    | DCMC152T400EC2B        | 85.8                                  | 5.6                                    | 1 3/4 x 4 1/8                        | 1000                    | DCMC102T450BB2B        | 137.0                                 | 4.3                                    | 2 x 3 1/8                            |
| 1600                    | DCMC162T400BJ2B        | 85.0                                  | 4.3                                    | 2 x 3 5/8                            | 1100                    | DCMC112T450EC2B        | 107.4                                 | 5.0                                    | 1 3/4 x 4 1/8                        |
| 1700                    | DCMC172T400ED2B        | 74.3                                  | 4.9                                    | 1 3/4 x 4 5/8                        | 1200                    | DCMC122T450BJ2B        | 109.0                                 | 3.8                                    | 2 x 3 5/8                            |
| 1700                    | DCMC172T400CH2B        | 93.1                                  | 4.7                                    | 2 1/2 x 2 5/8                        | 1200                    | DCMC122T450CH2B        | 115.8                                 | 4.0                                    | 2 1/2 x 2 5/8                        |
| 1900                    | DCMC192T400BC2B        | 69.8                                  | 5.7                                    | 2 x 4 1/8                            | 1300                    | DCMC132T450ED2B        | 91.1                                  | 4.7                                    | 1 3/4 x 4 5/8                        |
| 2000                    | DCMC202T400EE2B        | 63.4                                  | 6.3                                    | 1 3/4 x 5 1/8                        | 1500                    | DCMC152T450EE2B        | 79.2                                  | 5.4                                    | 1 3/4 x 5 1/8                        |
| 2100                    | DCMC212T400CB2B        | 65.3                                  | 6.4                                    | 2 1/2 x 3 1/8                        | 1500                    | DCMC152T450BC2B        | 89.5                                  | 5.3                                    | 2 x 4 1/8                            |
| 2200                    | DCMC222T400EF2B        | 57.3                                  | 7.1                                    | 1 3/4 x 5 5/8                        | 1700                    | DCMC172T450EF2B        | 70.2                                  | 6.2                                    | 1 3/4 x 5 5/8                        |
| 2300                    | DCMC232T400BD2B        | 59.3                                  | 7.2                                    | 2 x 4 5/8                            | 1700                    | DCMC172T450CB2B        | 81.1                                  | 6.0                                    | 2 1/2 x 3 1/8                        |
| 2600                    | DCMC262T400BE2B        | 52.2                                  | 6.8                                    | 2 x 5 1/8                            | 1800                    | DCMC182T450BD2B        | 76.0                                  | 6.4                                    | 2 x 4 5/8                            |
| 2600                    | DCMC262T400CJ2B        | 52.0                                  | 7.2                                    | 2 1/2 x 3 5/8                        | 1900                    | DCMC192T450BE2B        | 66.8                                  | 6.0                                    | 2 x 5 1/8                            |
| 2900                    | DCMC292T400BF2B        | 45.9                                  | 8.1                                    | 2 x 5 5/8                            | 2000                    | DCMC202T450CJ2B        | 66.5                                  | 6.4                                    | 2 1/2 x 3 5/8                        |
| 3100                    | DCMC312T400CC2B        | 42.8                                  | 8.7                                    | 2 1/2 x 4 1/8                        | 2200                    | DCMC222T450BF2B        | 58.6                                  | 7.1                                    | 2 x 5 5/8                            |
| 3200                    | DCMC322T400DB2B        | 57.5                                  | 7.8                                    | 3 x 3 1/8                            | 2400                    | DCMC242T450CC2B        | 54.7                                  | 7.7                                    | 2 1/2 x 4 1/8                        |
| 3900                    | DCMC392T400CD2B        | 35.6                                  | 10.3                                   | 2 1/2 x 4 5/8                        | 2500                    | DCMC252T450DB2B        | 65.7                                  | 7.3                                    | 3 x 3 1/8                            |
| 3900                    | DCMC392T400DJ2B        | 44.9                                  | 9.4                                    | 3 x 3 5/8                            | 2800                    | DCMC282T450CD2B        | 46.4                                  | 9.0                                    | 2 1/2 x 4 5/8                        |
| 4000                    | DCMC402T400CE2B        | 31.7                                  | 10.3                                   | 2 1/2 x 5 1/8                        | 3000                    | DCMC302T450DJ2B        | 52.2                                  | 8.7                                    | 3 x 3 5/8                            |
| 4700                    | DCMC472T400CF2B        | 28.1                                  | 11.5                                   | 2 1/2 x 5 5/8                        | 3300                    | DCMC332T450CE2B        | 40.4                                  | 9.2                                    | 2 1/2 x 5 1/8                        |
| 4700                    | DCMC472T400DC2B        | 37.0                                  | 10.5                                   | 3 x 4 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.<br>(µF)                   | Catalog<br>Part Number | ESR Max.<br>@ 25 °C<br>120 Hz<br>(mΩ) | Ripple Max.<br>@ 85°C<br>120 Hz<br>(A) | Nominal<br>Size<br>D x L<br>(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.<br>(µF)                   | Catalog<br>Part Number | ESR Max.<br>@ 25 °C<br>120 Hz<br>(mΩ) | Ripple Max.<br>@ 85°C<br>120 Hz<br>(A) | Nominal Size<br>D x L<br>(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

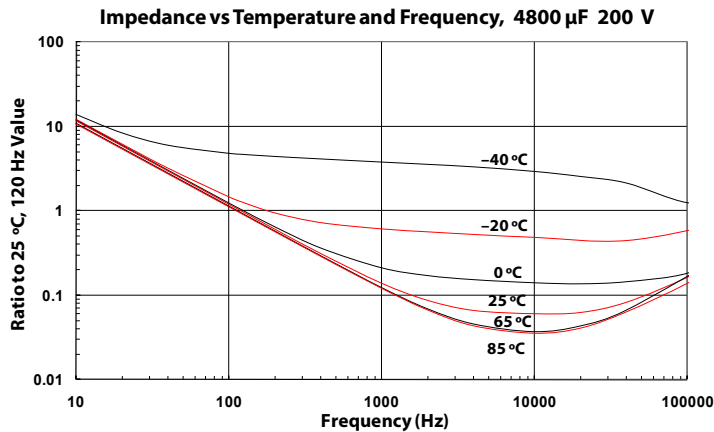
### Typical Performance Curves



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

## Highest Capacitance Screw Terminal Type

### Typical Performance Curves



**Notice and Disclaimer:** All product drawings, descriptions, specifications, statements, information and data (collectively, the "Information") in this datasheet or other publication are subject to change. The customer is responsible for checking, confirming and verifying the extent to which the Information contained in this datasheet or other publication is applicable to an order at the time the order is placed. All Information given herein is believed to be accurate and reliable, but it is presented without any guarantee, warranty, representation or responsibility of any kind, expressed or implied. Statements of suitability for certain applications are based on the knowledge that the Cornell Dubilier company providing such statements ("Cornell Dubilier") has of operating conditions that such Cornell Dubilier company regards as typical for such applications, but are not intended to constitute any guarantee, warranty or representation regarding any such matter – and Cornell Dubilier specifically and expressly disclaims any guarantee, warranty or representation concerning the suitability for a specific customer application, use, storage, transportation, or operating environment. The Information is intended for use only by customers who have the requisite experience and capability to determine the correct products for their application. Any technical advice inferred from this Information or otherwise provided by Cornell Dubilier with reference to the use of any Cornell Dubilier products is given gratis (unless otherwise specified by Cornell Dubilier), and Cornell Dubilier assumes no obligation or liability for the advice given or results obtained. Although Cornell Dubilier strives to apply the most stringent quality and safety standards regarding the design and manufacturing of its products, in light of the current state of the art, isolated component failures may still occur. Accordingly, customer applications which require a high degree of reliability or safety should employ suitable designs or other safeguards (such as installation of protective circuitry or redundancies or other appropriate protective measures) in order to ensure that the failure of an electrical component does not result in a risk of personal injury or property damage. Although all product-related warnings, cautions and notes must be observed, the customer should not assume that all safety measures are indicated in such warnings, cautions and notes, or that other safety measures may not be required.