

Type 400C, 95 °C, Long-Life, Computer Grade, Radial Leaded



Twice the Life!

The Type 400C is the PC-mount equivalent for Type 500C screw-terminal computergrade capacitor. It's for bus filtering applications where long life is critical like telecom systems and industrial power supplies. Type 400C delivers 2 to 3 times the life of Type 4CMC, and above 250 V it has nearly the same capacitance. Its extended cathode foil assures cool operation with heatflow from the capacitor element to the can in all mounting orientations.

Highlights

- ◆ More than 10 years life in most applications
- ◆ Ripple Currents to > 50 amps at 55 °C
- ◆ 3-leads
- ◆ Printed-circuit mounting
- ◆ Thermal-Pak™ extended cathode construction

Specifications

Operating Temperature: -40 °C to +95 °C
Rated Voltage: 100 to 500 Vdc
Capacitance: 170 µF to 29,000 µF ± 20%
DC Leakage Current: ≤ 3 sqrt(CV) µA 4 mA max, 5 min.
Cold Impedance: -20 °C multiple of 25 °C Z ≤ 4 for 100 V
 3 for 150 V & up.

Ripple Current Multipliers: **Ambient Temperature**

| 45 °C | 55 °C | 65 °C | 75 °C | 85 °C | 95 °C |
|-------|-------|-------|-------|-------|-------|
| 2.00 | 1.82 | 1.59 | 1.33 | 1.00 | 0.48 |

Frequency

| | 50 Hz | 60 Hz | 120 Hz | 360 Hz | 1 kHz | 5 kHz | 10 kHz |
|--------------|-------|-------|--------|--------|-------|-------|--------|
| 100 to 160 V | 0.80 | 0.85 | 1.00 | 1.05 | 1.08 | 1.08 | 1.08 |
| 200 to 350 V | 0.80 | 0.83 | 1.00 | 1.15 | 1.20 | 1.20 | 1.20 |
| 400 to 500 V | 0.78 | 0.80 | 1.00 | 1.30 | 1.40 | 1.40 | 1.40 |

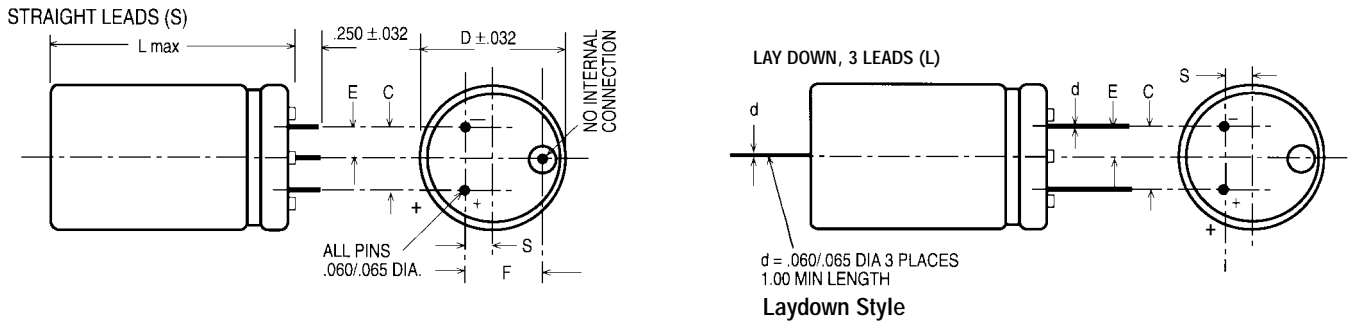
EIA Ripple Life: 3000 h at full load at 85 °C per EIA IS-749
 Δ Capacitance ±20%
 ESR 200% of limit
 DCL 100% of limit

Shelf Life Test: 500 h at 95 °C. Capacitance, ESR and DCL meet initial requirements.
Vibration: 10 to 55 Hz, 0.06" and 10 g max, 2 h each plane.

Aluminum Radial Leaded Capacitors

Type 400C, 95 °C, Long-Life, Computer Grade, Radial Ledded

Outline Drawings



Case Dimensions

| Case Code | Inches | | | | | | Millimeters | | | | | |
|-----------|---------|-------|---------|---------|---------|---------|-------------|--------|--------|--------|--------|--------|
| | D ±.031 | L MAX | C ±.015 | S ±.031 | E ±.031 | F ±.015 | D ±.78 | L MAX | C ±.78 | S ±.78 | E ±.78 | F ±.38 |
| AK | 1.375 | 1.75 | 0.50 | 0.175 | 0.25 | 0.55 | 34.93 | 44.45 | 12.70 | 4.45 | 6.35 | 13.97 |
| AA | 1.375 | 2.25 | 0.50 | 0.175 | 0.25 | 0.55 | 34.93 | 57.15 | 12.70 | 4.45 | 6.35 | 13.97 |
| AH | 1.375 | 2.75 | 0.50 | 0.175 | 0.25 | 0.55 | 34.98 | 69.85 | 12.70 | 4.45 | 6.35 | 13.97 |
| AB | 1.375 | 3.25 | 0.50 | 0.175 | 0.25 | 0.55 | 34.93 | 82.55 | 12.70 | 4.45 | 6.35 | 13.97 |
| AJ | 1.375 | 3.75 | 0.50 | 0.175 | 0.25 | 0.55 | 34.93 | 95.25 | 12.70 | 4.45 | 6.35 | 13.97 |
| AC | 1.375 | 4.25 | 0.50 | 0.175 | 0.25 | 0.55 | 34.93 | 107.95 | 12.70 | 4.45 | 6.35 | 13.97 |
| AD | 1.375 | 4.75 | 0.50 | 0.175 | 0.25 | 0.55 | 34.93 | 120.65 | 12.70 | 4.45 | 6.35 | 13.97 |
| AE | 1.375 | 5.25 | 0.50 | 0.175 | 0.25 | 0.55 | 34.93 | 133.35 | 12.70 | 4.45 | 6.35 | 13.97 |
| AF | 1.375 | 5.75 | 0.50 | 0.175 | 0.25 | 0.55 | 34.93 | 146.05 | 12.70 | 4.45 | 6.35 | 13.97 |
| EA | 1.75 | 2.25 | 0.70 | 0.375 | 0.35 | 0.90 | 44.45 | 57.15 | 17.78 | 9.53 | 8.89 | 22.86 |
| EH | 1.75 | 2.75 | 0.70 | 0.375 | 0.35 | 0.90 | 44.45 | 69.85 | 17.78 | 9.53 | 8.89 | 22.86 |
| EB | 1.75 | 3.25 | 0.70 | 0.375 | 0.35 | 0.90 | 44.45 | 82.55 | 17.78 | 9.53 | 8.89 | 22.86 |
| EJ | 1.75 | 3.75 | 0.70 | 0.375 | 0.35 | 0.90 | 44.45 | 95.25 | 17.78 | 9.53 | 8.89 | 22.86 |
| EC | 1.75 | 4.25 | 0.70 | 0.375 | 0.35 | 0.90 | 44.45 | 107.95 | 17.78 | 9.53 | 8.89 | 22.86 |
| ED | 1.75 | 4.75 | 0.70 | 0.375 | 0.35 | 0.90 | 44.45 | 120.65 | 17.78 | 9.53 | 8.89 | 22.86 |
| EE | 1.75 | 5.25 | 0.70 | 0.375 | 0.35 | 0.90 | 44.45 | 133.35 | 17.78 | 9.53 | 8.89 | 22.86 |
| EF | 1.75 | 5.75 | 0.70 | 0.375 | 0.35 | 0.90 | 44.45 | 146.05 | 17.78 | 9.53 | 8.89 | 22.86 |
| BA | 2.00 | 2.25 | 0.80 | 0.425 | 0.40 | 1.00 | 50.80 | 57.15 | 20.32 | 10.80 | 10.16 | 25.40 |
| BH | 2.00 | 2.75 | 0.80 | 0.425 | 0.40 | 1.00 | 50.80 | 69.85 | 20.32 | 10.80 | 10.16 | 25.40 |
| BB | 2.00 | 3.25 | 0.80 | 0.425 | 0.40 | 1.00 | 50.80 | 82.55 | 20.32 | 10.80 | 10.16 | 25.40 |
| BJ | 2.00 | 3.75 | 0.80 | 0.425 | 0.40 | 1.00 | 50.80 | 95.25 | 20.32 | 10.80 | 10.16 | 25.40 |
| BC | 2.00 | 4.25 | 0.80 | 0.425 | 0.40 | 1.00 | 50.80 | 107.95 | 20.32 | 10.80 | 10.16 | 25.40 |
| BD | 2.00 | 4.75 | 0.80 | 0.425 | 0.40 | 1.00 | 50.80 | 120.65 | 20.32 | 10.80 | 10.16 | 25.40 |
| BE | 2.00 | 5.25 | 0.80 | 0.425 | 0.40 | 1.00 | 50.80 | 133.25 | 20.32 | 10.80 | 10.16 | 25.40 |
| BF | 2.00 | 5.75 | 0.80 | 0.425 | 0.40 | 1.00 | 50.80 | 146.05 | 20.32 | 10.80 | 10.16 | 25.40 |

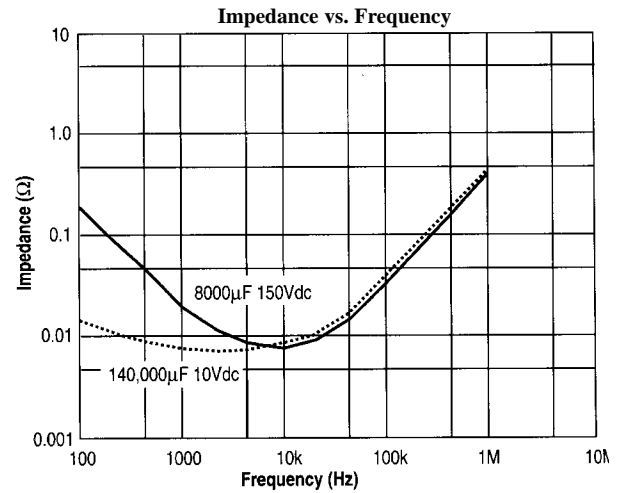
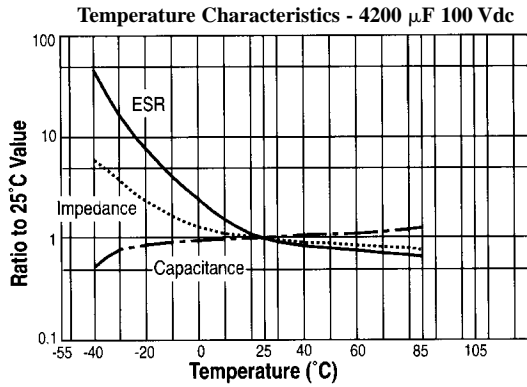
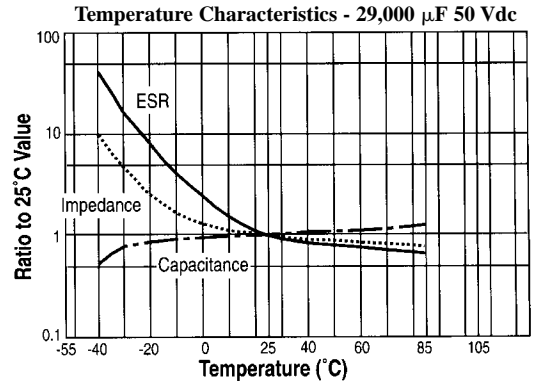
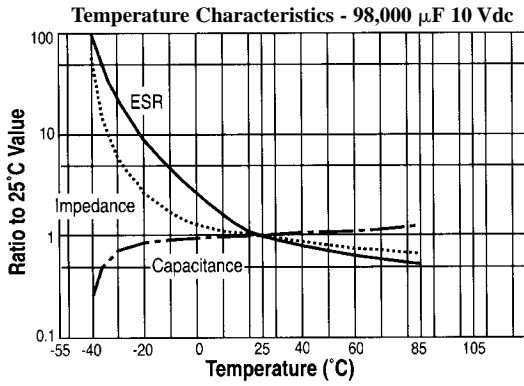
Part Numbering System

| | | | | | | |
|-------------|-------------------------------|---|----------------------------|------------------|--|--|
| 400C | 262 | M | 100 | AK | 8 | |
| | | | | | | |
| Type | Capacitance | Tolerance | Voltage | Case Code | Insulation | Terminal |
| | 262 = 2600 μF 171 = 170 μF | M = ±20% T = -10% + 50% U = -10% +75% | 100 = 100 V 450 = 450 V | | 0 = bare can 8 = PVC with Standoffs 9 = Polyester with Standoffs | (blank) = Straight Leads L = Lay Down (3 Leads) |

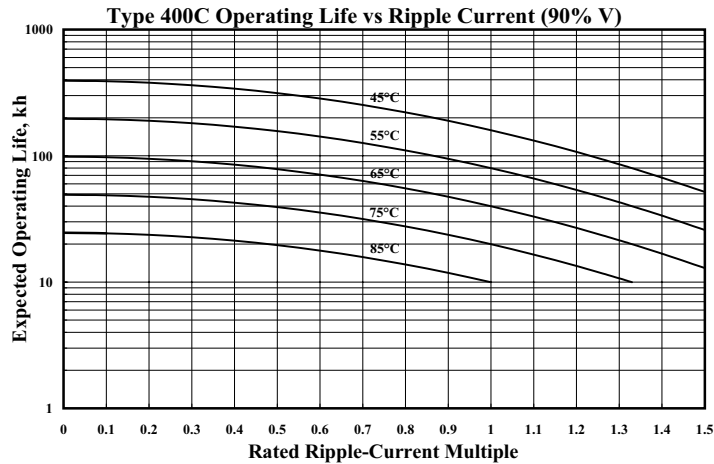
Aluminum Radial Leaded Capacitors

Type 400C, 95 °C, Long-Life, Computer Grade, Radial Leaded

Typical Performance Curves



Aluminum Radial Leaded Capacitors



Type 400C, 95 °C, Long-Life, Computer Grade, Radial Leaded

Ratings

| Cap. μ F | Catalog Number | ESR Max. 25 °C | | Ripple Amps, 85 °C | | Nom Size | |
|--------------------------------|----------------|----------------------|----------------------|--------------------|------------|---------------|------------|
| | | 120 Hz (m Ω) | 10 kHz (m Ω) | 120 Hz (A) | 10 kHz (A) | D X L (in) | D X L (in) |
| 100 Vdc (125 Vdc Surge) | | | | | | | |
| 2600 | 400C262M100AK8 | 74.0 | 50.2 | 3.6 | 4.5 | 1 3/8 X 1 3/4 | |
| 3800 | 400C382M100AA8 | 49.7 | 33.7 | 5.0 | 6.2 | 1 3/8 X 2 1/4 | |
| 5000 | 400C503M100AH8 | 36.3 | 24.6 | 6.0 | 7.5 | 1 3/8 X 2 3/4 | |
| 5700 | 400C572M100EA8 | 39.7 | 26.9 | 6.4 | 8.0 | 1 3/4 X 2 1/4 | |
| 6800 | 400C682M100AB8 | 28.1 | 19.1 | 7.4 | 9.2 | 1 3/8 X 3 1/4 | |
| 7200 | 400C722M100BA8 | 36.7 | 24.9 | 7.2 | 9.0 | 2 X 2 1/4 | |
| 7800 | 400C782M100EH8 | 28.4 | 19.3 | 8.1 | 10.2 | 1 3/4 X 2 3/4 | |
| 8300 | 400C832M100AJ8 | 23.2 | 15.7 | 8.5 | 10.6 | 1 3/8 X 3 3/4 | |
| 9700 | 400C972M100BH8 | 26.0 | 17.7 | 9.2 | 11.5 | 2 X 2 3/4 | |
| 9900 | 400C992M100AC8 | 19.8 | 13.5 | 9.7 | 12.1 | 1 3/8 X 4 1/4 | |
| 10000 | 400C103M100EB8 | 22.0 | 14.9 | 10.0 | 12.5 | 1 3/4 X 3 1/4 | |
| 12000 | 400C123M100AD8 | 17.5 | 11.8 | 10.8 | 13.5 | 1 3/8 X 4 3/4 | |
| 13000 | 400C133M100AE8 | 15.7 | 10.7 | 11.9 | 14.9 | 1 3/8 X 5 1/4 | |
| 13000 | 400C133M100EJ8 | 18.1 | 12.3 | 11.4 | 14.2 | 1 3/4 X 3 3/4 | |
| 13000 | 400C133M100BB8 | 20.2 | 13.7 | 11.0 | 13.7 | 2 X 3 1/4 | |
| 15000 | 400C153M100EC8 | 15.5 | 10.5 | 12.7 | 15.9 | 1 3/4 X 4 1/4 | |
| 15000 | 400C153M100AF8 | 17.9 | 12.2 | 11.7 | 14.7 | 1 3/8 X 5 3/4 | |
| 16000 | 400C163M100BJ8 | 16.6 | 11.3 | 13.6 | 17.0 | 2 X 3 3/4 | |
| 17000 | 400C173M100ED8 | 13.6 | 9.2 | 14.3 | 17.9 | 1 3/4 X 4 3/4 | |
| 19000 | 400C193M100BC8 | 14.2 | 9.7 | 14.7 | 18.4 | 2 X 4 1/4 | |
| 20000 | 400C203M100EE8 | 12.2 | 8.3 | 16.0 | 20.0 | 1 3/4 X 5 1/4 | |
| 22000 | 400C223M100EF8 | 11.1 | 7.6 | 17.9 | 22.4 | 1 3/4 X 5 3/4 | |
| 22000 | 400C223M100BD8 | 12.6 | 8.5 | 16.2 | 20.2 | 2 X 4 3/4 | |
| 26000 | 400C263M100BE8 | 11.0 | 7.5 | 17.9 | 22.4 | 2 X 5 1/4 | |
| 29000 | 400C293M100BF8 | 10.1 | 6.9 | 19.4 | 24.2 | 2 X 5 3/4 | |
| 160 Vdc (200 Vdc Surge) | | | | | | | |
| 1400 | 400C142M160AK8 | 88.2 | 53.9 | 4.1 | 5.2 | 1 3/8 X 1 3/4 | |
| 2000 | 400C202M160AA8 | 59.5 | 36.6 | 5.7 | 7.2 | 1 3/8 X 2 1/4 | |
| 3000 | 400C302M160EA8 | 46.3 | 32.2 | 7.1 | 8.5 | 1 3/4 X 2 1/4 | |
| 3000 | 400C302M160AH8 | 42.0 | 26.1 | 7.0 | 8.8 | 1 3/8 X 2 3/4 | |
| 3800 | 400C382M160AB8 | 32.8 | 20.7 | 8.5 | 10.6 | 1 3/8 X 3 1/4 | |
| 3800 | 400C382M160BA8 | 40.8 | 30.8 | 7.7 | 8.8 | 2 X 2 1/4 | |
| 4100 | 400C412M160EH8 | 32.9 | 22.7 | 8.9 | 10.8 | 1 3/4 X 2 3/4 | |
| 4700 | 400C472M160AJ8 | 27.2 | 17.4 | 9.7 | 12.2 | 1 3/8 X 3 3/4 | |
| 5100 | 400C512M160BH8 | 28.7 | 21.4 | 9.8 | 11.4 | 2 X 2 3/4 | |
| 5400 | 400C542M160EB8 | 25.6 | 17.8 | 10.9 | 13.1 | 1 3/4 X 3 1/4 | |
| 5500 | 400C552M160AC8 | 23.5 | 15.3 | 11.0 | 13.7 | 1 3/8 X 4 1/4 | |
| 6100 | 400C612M160AD8 | 21.5 | 14.0 | 12.0 | 14.9 | 1 3/8 X 4 3/4 | |
| 6700 | 400C672M160EJ8 | 21.2 | 14.9 | 12.4 | 14.8 | 1 3/4 X 3 3/4 | |
| 6800 | 400C682M160BB8 | 22.4 | 16.8 | 11.7 | 13.6 | 2 X 3 1/4 | |
| 7000 | 400C702M160AE8 | 19.5 | 12.9 | 13.3 | 16.3 | 1 3/8 X 5 1/4 | |
| 7700 | 400C772M160AF8 | 18.0 | 12.1 | 14.5 | 17.7 | 1 3/8 X 5 3/4 | |
| 8000 | 400C802M160EC8 | 18.2 | 12.9 | 13.9 | 16.5 | 1 3/4 X 4 1/4 | |
| 8500 | 400C852M160BJ8 | 18.5 | 14.0 | 14.5 | 16.6 | 2 X 3 3/4 | |
| 9200 | 400C922M160ED8 | 16.2 | 11.6 | 15.5 | 18.4 | 1 3/4 X 4 3/4 | |
| 10000 | 400C103M160EE8 | 14.6 | 10.6 | 17.3 | 20.4 | 1 3/4 X 5 1/4 | |
| 10000 | 400C103M160BC8 | 16.0 | 12.2 | 15.7 | 18.0 | 2 X 4 1/4 | |
| 12000 | 400C123M160EF8 | 13.4 | 9.9 | 19.3 | 22.5 | 1 3/4 X 5 3/4 | |
| 12000 | 400C123M160BD8 | 14.2 | 10.8 | 17.2 | 19.6 | 2 X 4 3/4 | |
| 14000 | 400C143M160BE8 | 12.5 | 9.7 | 18.9 | 21.4 | 2 X 5 1/4 | |
| 15000 | 400C153M160BF8 | 11.6 | 9.1 | 20.4 | 23.0 | 2 X 5 3/4 | |
| 200 Vdc(250 Vdc Surge) | | | | | | | |
| 920 | 400C921M200AK8 | 126 | 71.3 | 3.4 | 4.5 | 1 3/8 X 1 3/4 | |
| 1400 | 400C142M200AA8 | 84.5 | 48.2 | 4.7 | 6.3 | 1 3/8 X 2 1/4 | |
| 2000 | 400C202M200EA8 | 61.7 | 39.3 | 6.1 | 7.6 | 1 3/4 X 2 1/4 | |
| 2000 | 400C202M200AH8 | 59.3 | 34.2 | 5.8 | 7.7 | 1 3/8 X 2 3/4 | |
| 2600 | 400C262M200AB8 | 46.1 | 26.8 | 7.1 | 9.3 | 1 3/8 X 3 1/4 | |
| 2600 | 400C262M200BA8 | 51.8 | 35.9 | 6.8 | 8.2 | 2 X 2 1/4 | |
| 2800 | 400C282M200EH8 | 44.1 | 27.9 | 7.7 | 9.7 | 1 3/4 X 2 3/4 | |
| 3200 | 400C322M200AJ8 | 38.0 | 22.4 | 8.2 | 10.7 | 1 3/8 X 3 3/4 | |
| 3500 | 400C352M200BH8 | 36.7 | 25.1 | 8.7 | 10.5 | 2 X 2 3/4 | |

| Cap. μ F | Catalog Number | ESR Max. 25 °C | | Ripple Amps, 85 °C | | Nom Size | |
|--------------------------------|----------------|----------------------|----------------------|--------------------|------------|---------------|------------|
| | | 120 Hz (m Ω) | 10 kHz (m Ω) | 120 Hz (A) | 10 kHz (A) | D X L (in) | D X L (in) |
| 3700 | 400C372M200EB8 | 34.2 | 21.8 | 9.5 | 11.9 | 1 3/4 X 3 1/4 | |
| 3800 | 400C382M200AC8 | 32.5 | 19.5 | 9.4 | 12.1 | 1 3/8 X 4 1/4 | |
| 4200 | 400C422M200AD8 | 29.8 | 17.8 | 10.2 | 13.2 | 1 3/8 X 4 3/4 | |
| 4500 | 400C452M200EJ8 | 28.1 | 18.1 | 10.8 | 13.5 | 1 3/4 X 3 3/4 | |
| 4700 | 400C472M200BB8 | 28.5 | 19.6 | 10.4 | 12.5 | 2 X 3 1/4 | |
| 4800 | 400C482M200AE8 | 26.8 | 16.3 | 11.3 | 14.5 | 1 3/8 X 5 1/4 | |
| 5300 | 400C532M200AF8 | 24.5 | 15.1 | 12.4 | 15.8 | 1 3/8 X 5 3/4 | |
| 5400 | 400C542M200EC8 | 24.1 | 15.6 | 12.1 | 15.0 | 1 3/4 X 4 1/4 | |
| 5700 | 400C572M200BJ8 | 23.5 | 16.3 | 12.8 | 15.4 | 2 X 3 3/4 | |
| 6300 | 400C632M200ED8 | 21.2 | 13.9 | 13.6 | 16.8 | 1 3/4 X 4 3/4 | |
| 6800 | 400C682M200BC8 | 20.1 | 14.1 | 14.0 | 16.7 | 2 X 4 1/4 | |
| 7100 | 400C712M200EE8 | 19.0 | 12.6 | 15.2 | 18.6 | 1 3/4 X 5 1/4 | |
| 7800 | 400C782M200BD8 | 17.8 | 12.5 | 15.3 | 18.3 | 2 X 4 3/4 | |
| 8000 | 400C802M200EF8 | 17.4 | 11.7 | 17.0 | 20.7 | 1 3/4 X 5 3/4 | |
| 9300 | 400C932M200BE8 | 15.6 | 11.2 | 16.9 | 20.0 | 2 X 5 1/4 | |
| 10000 | 400C103M200BF8 | 14.3 | 10.4 | 18.3 | 21.5 | 2 X 5 3/4 | |
| 250 Vdc (300 Vdc Surge) | | | | | | | |
| 670 | 400C671M250AK8 | 160 | 87.2 | 3.0 | 4.1 | 1 3/8 X 1 3/4 | |
| 1000 | 400C102M250AH8 | 75.1 | 41.5 | 5.2 | 7.0 | 1 3/8 X 2 3/4 | |
| 1000 | 400C102M250AA8 | 107 | 58.8 | 4.2 | 5.7 | 1 3/8 X 2 1/4 | |
| 1500 | 400C152M250EA8 | 75.7 | 45.9 | 5.5 | 7.1 | 1 3/4 X 2 1/4 | |
| 1900 | 400C192M250AB8 | 58.2 | 32.5 | 6.3 | 8.5 | 1 3/8 X 3 1/4 | |
| 1900 | 400C192M250BA8 | 61.9 | 40.5 | 6.2 | 7.7 | 2 X 2 1/4 | |
| 2000 | 400C202M250EH8 | 54.3 | 32.6 | 7.0 | 9.0 | 1 3/4 X 2 3/4 | |
| 2300 | 400C232M250AJ8 | 47.8 | 26.9 | 7.3 | 9.8 | 1 3/8 X 3 3/4 | |
| 2500 | 400C252M250BH8 | 44.1 | 28.5 | 7.9 | 9.9 | 2 X 2 3/4 | |
| 2700 | 400C272M250EB8 | 42.0 | 25.4 | 8.5 | 11.0 | 1 3/4 X 3 1/4 | |
| 2700 | 400C272M250AC8 | 40.8 | 23.3 | 8.4 | 11.1 | 1 3/8 X 4 1/4 | |
| 3000 | 400C302M250AD8 | 37.3 | 21.3 | 9.2 | 12.1 | 1 3/8 X 4 3/4 | |
| 3300 | 400C332M250EJ8 | 34.5 | 21.0 | 9.7 | 12.5 | 1 3/4 X 3 3/4 | |
| 3400 | 400C342M250BB8 | 34.1 | 22.2 | 9.5 | 11.8 | 2 X 3 1/4 | |
| 3500 | 400C352M250AE8 | 33.4 | 19.3 | 10.1 | 13.3 | 1 3/8 X 5 1/4 | |
| 3800 | 400C382M250AF8 | 30.4 | 17.9 | 11.2 | 14.6 | 1 3/8 X 5 3/4 | |
| 3900 | 400C392M250EC8 | 29.4 | 18.1 | 10.9 | 13.9 | 1 3/4 X 4 1/4 | |
| 4200 | 400C422M250BJ8 | 28.0 | 18.4 | 11.8 | 14.5 | 2 X 3 3/4 | |
| 4600 | 400C462M250ED8 | 25.7 | 16.0 | 12.3 | 15.6 | 1 3/4 X 4 3/4 | |
| 4900 | 400C492M250BC8 | 23.9 | 15.9 | 12.8 | 15.7 | 2 X 4 1/4 | |
| 5100 | 400C512M250EE8 | 23.0 | 14.5 | 13.8 | 17.4 | 1 3/4 X 5 1/4 | |
| 5700 | 400C572M250BD8 | 21.1 | 14.1 | 14.1 | 17.2 | 2 X 4 3/4 | |
| 5800 | 400C582M250EF8 | 21.0 | 13.3 | 15.4 | 19.4 | 1 3/4 X 5 3/4 | |
| 6800 | 400C682M250BE8 | 18.4 | 12.5 | 15.6 | 19.0 | 2 X 5 1/4 | |
| 7500 | 400C752M250BF8 | 16.8 | 11.5 | 16.9 | 20.4 | 2 X 5 3/4 | |
| 300 Vdc (350 Vdc Surge) | | | | | | | |
| 490 | 400C491M300AK8 | 240 | 118 | 2.2 | 3.1 | 1 3/8 X 1 3/4 | |
| 740 | 400C741M300AA8 | 161 | 79.4 | 3.1 | 4.4 | 1 3/8 X 2 1/4 | |
| 1000 | 400C102M300AH8 | 112 | 55.8 | 3.8 | 5.4 | 1 3/8 X 2 3/4 | |
| 1200 | 400C122M300EA8 | 102 | 51.5 | 4.4 | 6.2 | 1 3/4 X 2 1/4 | |
| 1400 | 400C142M300AB8 | 86.2 | 43.4 | 4.7 | 6.6 | 1 3/8 X 3 1/4 | |
| 1500 | 400C152M300BA8 | 92.1 | 47.2 | 5.0 | 7.0 | 2 X 2 1/4 | |
| 1700 | 400C172M300EH8 | 75.0 | 36.9 | 5.5 | 7.8 | 1 3/4 X 2 3/4 | |
| 1700 | 400C172M300AJ8 | 70.3 | 35.9 | 5.4 | 7.6 | 1 3/8 X 3 3/4 | |
| 2000 | 400C202M300AC8 | 59.6 | 30.8 | 6.2 | 8.6 | 1 3/8 X 4 1/4 | |
| 2100 | 400C212M300BH8 | 66.1 | 33.3 | 6.4 | 9.0 | 2 X 2 3/4 | |
| 2200 | 400C222M300EB8 | 57.7 | 28.7 | 6.7 | 9.5 | 1 3/4 X 3 1/4 | |
| 2400 | 400C242M300AD8 | 51.9 | 27.3 | 6.9 | 9.5 | 1 3/8 X 4 3/4 | |
| 2700 | 400C272M300AE8 | 46.1 | 24.6 | 7.7 | 10.5 | 1 3/8 X 5 1/4 | |
| 2700 | 400C272M300EJ8 | 47.1 | 23.7 | 7.7 | 10.8 | 1 3/4 X 3 3/4 | |
| 2800 | 400C282M300BB8 | 50.9 | 25.9 | 7.7 | 10.7 | 2 X 3 1/4 | |
| 3000 | 400C302M300AF8 | 41.6 | 22.6 | 8.5 | 11.6 | 1 3/8 X 5 3/4 | |
| 3200 | 400C322M300EC8 | 41.6 | 21.2 | 8.6 | 12.1 | 1 3/4 X 4 1/4 | |
| 3400 | 400C342M300BJ8 | 41.6 | 21.4 | 9.5 | 13.2 | 2 X 3 3/4 | |
| 3800 | 400C382M300ED8 | 36.2 | 18.7 | 9.8 | 13.6 | 1 3/4 X 4 3/4 | |

Aluminum Radial Leaded Capacitors

Type 400C, 95 °C, Long-Life, Computer Grade, Radial Leaded

Ratings

| Cap. μ F | Catalog Number | ESR Max. 25 °C | | Ripple Amps, 85 °C | | Nom Size D X L (in) (in) |
|--------------------------------|----------------|----------------------|----------------------|--------------------|------------|-----------------------------|
| | | 120 Hz (m Ω) | 10 kHz (m Ω) | 120 Hz (A) | 10 kHz (A) | |
| 4100 | 400C412M300BC8 | 35.9 | 18.4 | 10.3 | 14.3 | 2 X 4 1/4 |
| 4200 | 400C422M300EE8 | 32.2 | 16.9 | 11.0 | 15.2 | 1 3/4 X 5 1/4 |
| 4700 | 400C472M300BD8 | 31.1 | 16.3 | 11.4 | 15.7 | 2 X 4 3/4 |
| 4800 | 400C482M300EF8 | 29.1 | 15.5 | 12.3 | 16.9 | 1 3/4 X 5 3/4 |
| 5600 | 400C562M300BE8 | 26.7 | 14.4 | 12.7 | 17.3 | 2 X 5 1/4 |
| 6200 | 400C622M300BF8 | 24.3 | 13.2 | 13.8 | 18.7 | 2 X 5 3/4 |
| 350 Vdc (400 Vdc Surge) | | | | | | |
| 360 | 400C361M350AK8 | 295 | 138 | 2.0 | 2.9 | 1 3/8 X 1 3/4 |
| 540 | 400C541M350AA8 | 197 | 92.9 | 2.8 | 4.0 | 1 3/8 X 2 1/4 |
| 800 | 400C801M350AH8 | 137 | 65.1 | 3.4 | 5.0 | 1 3/8 X 2 3/4 |
| 920 | 400C921M350EA8 | 123 | 58.2 | 4.0 | 5.8 | 1 3/4 X 2 1/4 |
| 1000 | 400C102M350AB8 | 105 | 50.6 | 4.2 | 6.1 | 1 3/8 X 3 1/4 |
| 1100 | 400C112M350BA8 | 109 | 52.4 | 4.6 | 6.6 | 2 X 2 1/4 |
| 1200 | 400C122M350EH8 | 90.5 | 41.9 | 5.0 | 7.3 | 1 3/4 X 2 3/4 |
| 1200 | 400C122M350AJ8 | 85.8 | 41.7 | 4.9 | 7.0 | 1 3/8 X 3 3/4 |
| 1500 | 400C152M350BH8 | 78.6 | 37.1 | 5.8 | 8.5 | 2 X 2 3/4 |
| 1500 | 400C152M350AC8 | 72.6 | 35.7 | 5.6 | 8.0 | 1 3/8 X 4 1/4 |
| 1600 | 400C162M350EB8 | 69.5 | 32.5 | 6.1 | 8.9 | 1 3/4 X 3 1/4 |
| 1700 | 400C172M350AD8 | 63.1 | 31.4 | 6.3 | 8.9 | 1 3/8 X 4 3/4 |
| 2000 | 400C202M350EJ8 | 56.7 | 26.8 | 7.0 | 10.2 | 1 3/4 X 3 3/4 |
| 2000 | 400C202M350BB8 | 60.5 | 28.8 | 7.0 | 10.2 | 2 X 3 1/4 |
| 2000 | 400C202M350AE8 | 55.9 | 28.3 | 7.0 | 9.8 | 1 3/8 X 5 1/4 |
| 2200 | 400C222M350AF8 | 50.4 | 25.9 | 7.7 | 10.8 | 1 3/8 X 5 3/4 |
| 2400 | 400C242M350EC8 | 49.9 | 23.9 | 7.9 | 11.4 | 1 3/4 X 4 1/4 |
| 2500 | 400C252M350BJ8 | 49.4 | 23.8 | 8.7 | 12.6 | 2 X 3 3/4 |
| 2800 | 400C282M350ED8 | 43.4 | 21.0 | 8.9 | 12.8 | 1 3/4 X 4 3/4 |
| 3000 | 400C302M350BC8 | 42.5 | 20.4 | 9.4 | 13.6 | 2 X 4 1/4 |
| 3100 | 400C312M350EE8 | 38.5 | 18.9 | 10.0 | 14.3 | 1 3/4 X 5 1/4 |
| 3400 | 400C342M350BD8 | 36.8 | 18.0 | 10.5 | 15.0 | 2 X 4 3/4 |
| 3500 | 400C352M350EF8 | 34.7 | 17.3 | 11.3 | 16.0 | 1 3/4 X 5 3/4 |
| 4100 | 400C412M350BE8 | 31.5 | 15.8 | 11.7 | 16.5 | 2 X 5 1/4 |
| 4500 | 400C452M350BF8 | 28.6 | 14.5 | 12.7 | 17.9 | 2 X 5 3/4 |
| 400 Vdc (450 Vdc Surge) | | | | | | |
| 300 | 400C301M400AK8 | 341 | 116 | 1.8 | 3.2 | 1 3/8 X 1 3/4 |
| 450 | 400C451M400AA8 | 228 | 77.7 | 2.6 | 4.4 | 1 3/8 X 2 1/4 |
| 600 | 400C601M400AH8 | 158 | 54.4 | 3.2 | 5.4 | 1 3/8 X 2 3/4 |
| 750 | 400C751M400EA8 | 141 | 54.8 | 3.7 | 6.0 | 1 3/4 X 2 1/4 |
| 840 | 400C841M400AB8 | 122 | 42.2 | 3.9 | 6.6 | 1 3/8 X 3 1/4 |
| 930 | 400C931M400BA8 | 124 | 52.5 | 4.3 | 6.6 | 2 X 2 1/4 |
| 1000 | 400C102M400AJ8 | 99 | 34.7 | 4.6 | 7.7 | 1 3/8 X 3 3/4 |
| 1000 | 400C102M400EH8 | 104 | 39.6 | 4.6 | 7.5 | 1 3/4 X 2 3/4 |
| 1200 | 400C122M400AC8 | 83.6 | 29.7 | 5.2 | 8.8 | 1 3/8 X 4 1/4 |
| 1300 | 400C132M400EB8 | 79.5 | 30.7 | 5.7 | 9.2 | 1 3/4 X 3 1/4 |
| 1300 | 400C132M400BH8 | 89.3 | 37.2 | 5.5 | 8.5 | 2 X 2 3/4 |
| 1400 | 400C142M400AD8 | 72.6 | 26.1 | 5.8 | 9.8 | 1 3/8 X 4 3/4 |
| 1600 | 400C162M400AE8 | 64.3 | 23.4 | 6.5 | 10.8 | 1 3/8 X 5 1/4 |
| 1600 | 400C162M400EJ8 | 64.7 | 25.2 | 6.6 | 10.5 | 1 3/4 X 3 3/4 |
| 1700 | 400C172M400BB8 | 68.6 | 28.9 | 6.6 | 10.2 | 2 X 3 1/4 |
| 1800 | 400C182M400AF8 | 57.8 | 21.4 | 7.2 | 11.9 | 1 3/8 X 5 3/4 |
| 2000 | 400C202M400EC8 | 57.0 | 22.4 | 7.4 | 11.8 | 1 3/4 X 4 1/4 |
| 2100 | 400C212M400BJ8 | 55.9 | 23.8 | 8.2 | 12.6 | 2 X 3 3/4 |
| 2300 | 400C232M400ED8 | 49.5 | 19.7 | 8.4 | 13.2 | 1 3/4 X 4 3/4 |
| 2400 | 400C242M400BC8 | 48.2 | 20.3 | 8.9 | 13.7 | 2 X 4 1/4 |
| 2600 | 400C262M400EE8 | 43.9 | 17.7 | 9.4 | 14.8 | 1 3/4 X 5 1/4 |
| 2800 | 400C282M400BD8 | 41.6 | 18.0 | 9.9 | 15.0 | 2 X 4 3/4 |
| 2900 | 400C292M400EF8 | 39.5 | 16.1 | 10.6 | 16.6 | 1 3/4 X 5 3/4 |
| 3400 | 400C342M400BE8 | 35.6 | 15.7 | 11.0 | 16.6 | 2 X 5 1/4 |
| 3700 | 400C372M400BF8 | 32.2 | 14.4 | 12.0 | 17.9 | 2 X 5 3/4 |

| Cap. μ F | Catalog Number | ESR Max. 25 °C | | Ripple Amps, 85 °C | | Nom Size D X L (in) (in) |
|------------------------------------|----------------|----------------------|----------------------|--------------------|------------|-----------------------------|
| | | 120 Hz (m Ω) | 10 kHz (m Ω) | 120 Hz (A) | 10 kHz (A) | |
| 450 Vdc (500 Vdc Surge) | | | | | | |
| 250 | 400C251M450AK8 | 367 | 123 | 1.8 | 3.1 | 1 3/8 X 1 3/4 |
| 370 | 400C371M450AA8 | 245 | 82.6 | 2.5 | 4.3 | 1 3/8 X 2 1/4 |
| 500 | 400C501M450AH8 | 170 | 57.8 | 3.1 | 5.3 | 1 3/8 X 2 3/4 |
| 630 | 400C631M450EA8 | 151 | 57.6 | 3.6 | 5.8 | 1 3/4 X 2 1/4 |
| 700 | 400C701M450AB8 | 131 | 44.8 | 3.8 | 6.5 | 1 3/8 X 3 1/4 |
| 780 | 400C781M450BA8 | 132 | 54.8 | 4.2 | 6.5 | 2 X 2 1/4 |
| 850 | 400C851M450AJ8 | 107 | 36.8 | 4.4 | 7.5 | 1 3/8 X 3 3/4 |
| 850 | 400C851M450EH8 | 111 | 41.7 | 4.5 | 7.3 | 1 3/4 X 2 3/4 |
| 1000 | 400C102M450AC8 | 89.9 | 31.4 | 5.0 | 8.5 | 1 3/8 X 4 1/4 |
| 1000 | 400C102M450BH8 | 95.4 | 38.9 | 5.3 | 8.3 | 2 X 2 3/4 |
| 1100 | 400C112M450EB8 | 85.3 | 32.2 | 5.5 | 9.0 | 1 3/4 X 3 1/4 |
| 1200 | 400C122M450AD8 | 78.0 | 27.6 | 5.6 | 9.5 | 1 3/8 X 4 3/4 |
| 1400 | 400C142M450AE8 | 69.1 | 24.7 | 6.3 | 10.5 | 1 3/8 X 5 1/4 |
| 1400 | 400C142M450EJ8 | 69.4 | 26.5 | 6.3 | 10.2 | 1 3/4 X 3 3/4 |
| 1400 | 400C142M450BB8 | 73.3 | 30.2 | 6.4 | 9.9 | 2 X 3 1/4 |
| 1500 | 400C152M450AF8 | 62.1 | 22.5 | 7.0 | 11.6 | 1 3/8 X 5 3/4 |
| 1600 | 400C162M450EC8 | 61.1 | 23.5 | 7.1 | 11.5 | 1 3/4 X 4 1/4 |
| 1700 | 400C172M450BJ8 | 59.7 | 24.8 | 7.9 | 12.3 | 2 X 3 3/4 |
| 1900 | 400C192M450ED8 | 53.0 | 20.7 | 8.1 | 12.9 | 1 3/4 X 4 3/4 |
| 2000 | 400C202M450BC8 | 51.4 | 21.2 | 8.6 | 13.4 | 2 X 4 1/4 |
| 2100 | 400C212M450EE8 | 46.9 | 18.5 | 9.1 | 14.5 | 1 3/4 X 5 1/4 |
| 2400 | 400C242M450EF8 | 42.2 | 16.9 | 10.2 | 16.2 | 1 3/4 X 5 3/4 |
| 2400 | 400C242M450BD8 | 44.4 | 18.8 | 9.5 | 14.7 | 2 X 4 3/4 |
| 2800 | 400C282M450BE8 | 37.9 | 16.4 | 10.7 | 16.3 | 2 X 5 1/4 |
| 3100 | 400C312M450BF8 | 34.3 | 15.0 | 11.6 | 17.6 | 2 X 5 3/4 |
| 500 Volts (550 Volts Surge) | | | | | | |
| 170 | 400C171M500AK8 | 403 | 147 | 1.7 | 2.8 | 1 3/8 X 1 3/4 |
| 260 | 400C261M500AA8 | 269 | 98.6 | 2.4 | 3.9 | 1 3/8 X 2 1/4 |
| 380 | 400C381M500AH8 | 187 | 68.9 | 2.9 | 4.8 | 1 3/8 X 2 3/4 |
| 400 | 400C401M500EA8 | 241 | 137 | 3.3 | 5.3 | 1 3/4 X 2 1/4 |
| 490 | 400C491M500AB8 | 144 | 53.2 | 3.6 | 5.9 | 1 3/8 X 3 1/4 |
| 510 | 400C511M500BA8 | 192 | 116 | 3.9 | 6.1 | 2 X 2 1/4 |
| 580 | 400C581M500EH8 | 167 | 95.8 | 4.2 | 6.8 | 1 3/4 X 2 3/4 |
| 610 | 400C611M500AJ8 | 117 | 43.6 | 4.2 | 6.9 | 1 3/8 X 3 3/4 |
| 710 | 400C711M500BH8 | 133 | 80.8 | 5.1 | 7.8 | 2 X 2 3/4 |
| 720 | 400C721M500AC8 | 133 | 77.5 | 4.8 | 7.8 | 1 3/8 X 4 1/4 |
| 760 | 400C761M500EB8 | 129 | 74.0 | 5.2 | 8.3 | 1 3/4 X 3 1/4 |
| 800 | 400C801M500AD8 | 85.8 | 32.6 | 5.4 | 8.7 | 1 3/8 X 4 3/4 |
| 940 | 400C941M500EJ8 | 105 | 60.6 | 6.0 | 9.5 | 1 3/4 X 3 3/4 |
| 950 | 400C951M500AE8 | 75.9 | 29.1 | 6.0 | 9.7 | 1 3/8 X 5 1/4 |
| 960 | 400C961M500BB8 | 103 | 62.5 | 6.1 | 9.4 | 2 X 3 1/4 |
| 1100 | 400C112M500AF8 | 68.3 | 26.4 | 6.6 | 10.7 | 1 3/8 X 5 3/4 |
| 1100 | 400C112M500EC8 | 88.4 | 51.7 | 6.8 | 10.7 | 1 3/4 X 4 1/4 |
| 1200 | 400C122M500BJ8 | 83.5 | 51.3 | 7.5 | 11.6 | 2 X 3 3/4 |
| 1300 | 400C132M500ED8 | 76.7 | 45.2 | 7.6 | 12.0 | 1 3/4 X 4 3/4 |
| 1400 | 400C142M500BC8 | 70.7 | 43.8 | 8.2 | 12.6 | 2 X 4 1/4 |
| 1500 | 400C152M500EE8 | 68.0 | 40.5 | 8.6 | 13.5 | 1 3/4 X 5 1/4 |
| 1600 | 400C162M500BD8 | 61.5 | 38.4 | 9.1 | 13.9 | 2 X 4 3/4 |
| 1700 | 400C172M500EF8 | 61.2 | 36.8 | 9.7 | 15.1 | 1 3/4 X 5 3/4 |
| 1900 | 400C192M500BE8 | 53.1 | 33.6 | 10.2 | 15.4 | 2 X 5 1/4 |
| 2100 | 400C212M500BF8 | 48.0 | 30.7 | 11.1 | 16.7 | 2 X 5 3/4 |

Aluminum Radial Leaded Capacitors