

Type 380LQ 85 °C Compact, High Capacitance, Snap-In Aluminum

Higher Capacitance per Case Size



Type 380LQ is on average 27% smaller and more than 10 mm shorter than Type 380LX. This is achieved with a new can-closure method that permits installing capacitor elements into smaller cans. Approaching the capability of the 380LX, the new 380LQ enables you to shrink equipment size and retain the original performance.

Highlights

- New, more capacitance per case
- Compare to Type 380LX
- New, lower voltages down to 16 V

Specifications

| Temperature Range | -40 °C to + 85 °C ≤ 315 Vdc -25 °C to + 85 °C ≥ 350 Vdc | | | | | | | | | | | | | | | | | | | | | | |
|---------------------------------|--|-------|--------|---------|-------|-------------|------|------|------|---------|-------|-------|--------|---------|-------|-------------|-----------|------|------|------|------|------|------|
| Rated Voltage Range | 16 Vdc to 450 Vdc | | | | | | | | | | | | | | | | | | | | | | |
| Capacitance Range | 82 µF to 100,000 µF | | | | | | | | | | | | | | | | | | | | | | |
| Capacitance Tolerance | ±20% | | | | | | | | | | | | | | | | | | | | | | |
| Leakage Current | ≤ 3 \sqrt{CV} µA, 4 mA max, 5 minutes | | | | | | | | | | | | | | | | | | | | | | |
| Ripple Current Multipliers | <p>Ambient Temperature</p> <table border="1"> <thead> <tr> <th>45 °C</th> <th>60 °C</th> <th>70 °C</th> <th>85 °C</th> </tr> </thead> <tbody> <tr> <td>1.50</td> <td>1.40</td> <td>1.30</td> <td>1.00</td> </tr> </tbody> </table> <p>Frequency</p> <table border="1"> <thead> <tr> <th rowspan="2">Voltage</th> <th>50 Hz</th> <th>60 Hz</th> <th>120 Hz</th> <th>500 kHz</th> <th>1 kHz</th> <th>10 kHz & Up</th> </tr> </thead> <tbody> <tr> <td>16-100 WV</td> <td>0.93</td> <td>0.95</td> <td>1.00</td> <td>1.05</td> <td>1.08</td> <td>1.15</td> </tr> </tbody> </table> | 45 °C | 60 °C | 70 °C | 85 °C | 1.50 | 1.40 | 1.30 | 1.00 | Voltage | 50 Hz | 60 Hz | 120 Hz | 500 kHz | 1 kHz | 10 kHz & Up | 16-100 WV | 0.93 | 0.95 | 1.00 | 1.05 | 1.08 | 1.15 |
| 45 °C | 60 °C | 70 °C | 85 °C | | | | | | | | | | | | | | | | | | | | |
| 1.50 | 1.40 | 1.30 | 1.00 | | | | | | | | | | | | | | | | | | | | |
| Voltage | 50 Hz | 60 Hz | 120 Hz | 500 kHz | 1 kHz | 10 kHz & Up | | | | | | | | | | | | | | | | | |
| | 16-100 WV | 0.93 | 0.95 | 1.00 | 1.05 | 1.08 | 1.15 | | | | | | | | | | | | | | | | |
| Low Temperature Characteristics | Impedance ratio: $Z_{-20^{\circ}\text{C}}/Z_{+25^{\circ}\text{C}}$ ≤ 8 (16-50 Vdc) ≤ 4 (63-100 Vdc) ≤ 3 (150-450 Vdc) | | | | | | | | | | | | | | | | | | | | | | |
| Endurance Life Test | 2000 h at full load at 85 °C Δ Capacitance ±20% ESR 200% of limit DCL 100% of limit | | | | | | | | | | | | | | | | | | | | | | |
| Shelf Life Test | 1000 h at 85 °C Δ Capacitance ±20% ESR 200% of limit DCL 100% of limit | | | | | | | | | | | | | | | | | | | | | | |
| Vibration | 10 to 55 Hz, 0.06" and 10 g max, 2 h each plane | | | | | | | | | | | | | | | | | | | | | | |
| RoHS Compliant | | | | | | | | | | | | | | | | | | | | | | | |

Type 380LQ 85 °C Compact, High Capacitance Snap-in Capacitors

Higher Capacitance per Case Size

Part Numbering System

| | | | | | | | |
|--------------|---|------------------|---|------------------|-------------------|--|---|
| 380LQ | 272 | M | 200 | A05 | 2 | A | +D |
| ↓ | ↓ | ↓ | ↓ | ↓ | ↓ | ↓ | ↓ |
| Type | Cap | Tolerance | Voltage | Case Code | Insulation | Pin Styles | Blank = no end disk if <250 V D = end disk, any voltage |
| 380LQ | 561 = 560 μF 272 = 2700 μF 392 = 3900 μF | M = ±20% | 016 = 16 Vdc 200 = 200 Vdc 450 = 450 Vdc | | 2 = PVC | Blank = 2 pins snap-in 6.3 mm L A = 2 pins snap-in 4.0 mm L | |

Outline Drawing



Note that for 200 volts and under the insulating end disc is optional - If one is needed add a (+D) to the end of the part numbering system.

Insulated Case Dimensions

| Case Code | DIAMETER D | | LENGTH L | | Typical Weight (grams) | Case Code | DIAMETER D | | LENGTH L | | Typical Weight (grams) |
|-----------|------------|--------|----------|--------|------------------------|-----------|------------|--------|----------|--------|------------------------|
| | mm | inches | mm | inches | | | mm | inches | mm | inches | |
| H01 | 22 | 0.87 | 25 | 0.98 | 16 | K01 | 30 | 1.18 | 25 | 0.98 | 30 |
| H02 | 22 | 0.87 | 30 | 1.18 | 19 | K02 | 30 | 1.18 | 30 | 1.18 | 35 |
| H03 | 22 | 0.87 | 35 | 1.38 | 22 | K03 | 30 | 1.18 | 35 | 1.38 | 40 |
| H04 | 22 | 0.87 | 40 | 1.57 | 24 | K04 | 30 | 1.18 | 40 | 1.57 | 44 |
| H45 | 22 | 0.87 | 45 | 1.77 | 28 | K45 | 30 | 1.18 | 45 | 1.77 | 49 |
| H05 | 22 | 0.87 | 50 | 1.97 | 31 | K05 | 30 | 1.18 | 50 | 1.97 | 53 |
| J01 | 25 | 0.98 | 25 | 0.98 | 20 | A01 | 35 | 1.38 | 25 | 0.98 | 42 |
| J02 | 25 | 0.98 | 30 | 1.18 | 24 | A02 | 35 | 1.38 | 30 | 1.18 | 48 |
| J03 | 25 | 0.98 | 35 | 1.38 | 27 | A03 | 35 | 1.38 | 35 | 1.38 | 54 |
| J04 | 25 | 0.98 | 40 | 1.57 | 31 | A04 | 35 | 1.38 | 40 | 1.57 | 60 |
| J45 | 25 | 0.98 | 45 | 1.77 | 35 | A45 | 35 | 1.38 | 45 | 1.77 | 67 |
| J05 | 25 | 0.98 | 50 | 1.97 | 38 | A05 | 35 | 1.38 | 50 | 1.97 | 74 |

Type 380LQ 85 °C Compact, High Capacitance Snap-in Capacitors

Higher Capacitance per Case Size

Ratings

| Cap. (µF) | Catalog Part Number | ESR Max @ 25° C | | Ripple Amps @ 85 °C | | Nominal Size D x L (mm) |
|------------------------------|------------------------|--------------------|---------------|------------------------|---------------|----------------------------------|
| | | 120 Hz (Ω) | 20 kHz (Ω) | 120 Hz (A) | 20 kHz (A) | |
| 16 Vdc (20 Vdc Surge) | | | | | | |
| 12000 | 380LQ123M016H012 | 0.069 | 0.059 | 4.52 | 5.20 | 22 x 25 |
| 15000 | 380LQ153M016H022 | 0.055 | 0.047 | 5.26 | 6.05 | 22 x 30 |
| 18000 | 380LQ183M016H032 | 0.046 | 0.039 | 5.57 | 6.41 | 22 x 35 |
| 18000 | 380LQ183M016J012 | 0.046 | 0.039 | 5.57 | 6.41 | 25 x 25 |
| 22000 | 380LQ223M016H042 | 0.038 | 0.032 | 6.10 | 7.02 | 22 x 40 |
| 22000 | 380LQ223M016J022 | 0.038 | 0.032 | 6.10 | 7.02 | 25 x 30 |
| 27000 | 380LQ273M016H452 | 0.031 | 0.026 | 6.31 | 7.26 | 22 x 45 |
| 27000 | 380LQ273M016J032 | 0.031 | 0.026 | 6.31 | 7.26 | 25 x 25 |
| 27000 | 380LQ273M016K012 | 0.031 | 0.026 | 6.31 | 7.26 | 30 x 25 |
| 33000 | 380LQ333M016H052 | 0.025 | 0.021 | 6.84 | 7.87 | 22 x 50 |
| 33000 | 380LQ333M016J042 | 0.025 | 0.021 | 6.84 | 7.87 | 25 x 40 |
| 33000 | 380LQ333M016K022 | 0.025 | 0.021 | 6.84 | 7.87 | 30 x 30 |
| 33000 | 380LQ333M016A012 | 0.025 | 0.021 | 6.84 | 7.87 | 35 x 25 |
| 39000 | 380LQ393M016J452 | 0.024 | 0.020 | 6.94 | 7.98 | 25 x 45 |
| 39000 | 380LQ393M016K032 | 0.024 | 0.020 | 6.94 | 7.98 | 30 x 35 |
| 47000 | 380LQ473M016J052 | 0.023 | 0.019 | 7.47 | 8.59 | 25 x 50 |
| 47000 | 380LQ473M016K042 | 0.023 | 0.019 | 7.47 | 8.59 | 30 x 40 |
| 47000 | 380LQ473M016A022 | 0.023 | 0.019 | 7.47 | 8.59 | 35 x 30 |
| 56000 | 380LQ563M016K452 | 0.022 | 0.019 | 8.73 | 10.04 | 30 x 45 |
| 56000 | 380LQ563M016A032 | 0.022 | 0.018 | 8.73 | 10.04 | 35 x 35 |
| 68000 | 380LQ683M016K052 | 0.021 | 0.018 | 9.05 | 10.41 | 30 x 50 |
| 68000 | 380LQ683M016A042 | 0.021 | 0.018 | 9.05 | 10.41 | 35 x 40 |
| 82000 | 380LQ823M016A452 | 0.020 | 0.018 | 9.49 | 10.91 | 35 x 45 |
| 100000 | 380LQ104M016A052 | 0.019 | 0.018 | 10.18 | 11.71 | 35 x 50 |
| 25 Vdc (32 Vdc Surge) | | | | | | |
| 8200 | 380LQ822M025H012 | 0.081 | 0.065 | 3.57 | 4.11 | 22 x 25 |
| 12000 | 380LQ123M025H022 | 0.055 | 0.044 | 4.10 | 4.72 | 22 x 30 |
| 12000 | 380LQ123M025J012 | 0.055 | 0.044 | 4.10 | 4.72 | 25 x 25 |
| 15000 | 380LQ153M025H032 | 0.044 | 0.035 | 4.63 | 5.32 | 22 x 35 |
| 15000 | 380LQ153M025J022 | 0.044 | 0.035 | 4.63 | 5.32 | 25 x 30 |
| 18000 | 380LQ183M025H042 | 0.037 | 0.029 | 5.47 | 6.29 | 22 x 40 |
| 18000 | 380LQ183M025J032 | 0.037 | 0.029 | 5.47 | 6.29 | 25 x 35 |
| 18000 | 380LQ183M025K012 | 0.037 | 0.029 | 5.47 | 6.29 | 30 x 25 |
| 22000 | 380LQ223M025H452 | 0.030 | 0.024 | 6.10 | 7.02 | 22 x 45 |
| 22000 | 380LQ223M025J042 | 0.030 | 0.024 | 6.10 | 7.02 | 25 x 40 |
| 22000 | 380LQ223M025K022 | 0.030 | 0.024 | 6.10 | 7.02 | 30 x 30 |
| 22000 | 380LQ223M025A012 | 0.030 | 0.024 | 6.10 | 7.02 | 35 x 25 |
| 27000 | 380LQ273M025J452 | 0.025 | 0.020 | 6.21 | 7.14 | 25 x 45 |
| 27000 | 380LQ273M025K032 | 0.025 | 0.020 | 6.21 | 7.14 | 30 x 35 |
| 33000 | 380LQ333M025J052 | 0.020 | 0.016 | 6.84 | 7.87 | 25 x 50 |
| 33000 | 380LQ333M025K042 | 0.020 | 0.016 | 6.84 | 7.87 | 30 x 40 |
| 33000 | 380LQ333M025A022 | 0.020 | 0.016 | 6.84 | 7.87 | 35 x 30 |
| 25 Vdc (44 Vdc Surge) | | | | | | |
| 39000 | 380LQ393M025K452 | 0.020 | 0.016 | 7.36 | 8.46 | 30 x 45 |
| 39000 | 380LQ393M025A032 | 0.020 | 0.016 | 7.36 | 8.46 | 35 x 35 |
| 47000 | 380LQ473M025K052 | 0.019 | 0.016 | 8.00 | 9.20 | 30 x 50 |
| 47000 | 380LQ473M025A042 | 0.019 | 0.015 | 8.00 | 9.20 | 35 x 40 |
| 56000 | 380LQ563M025A452 | 0.019 | 0.016 | 8.91 | 10.25 | 35 x 45 |
| 68000 | 380LQ683M025A052 | 0.018 | 0.016 | 9.79 | 11.26 | 35 x 50 |
| 35 Vdc (32 Vdc Surge) | | | | | | |
| 5600 | 380LQ562M035H012 | 0.104 | 0.078 | 3.36 | 3.86 | 22 x 25 |
| 8200 | 380LQ822M035H022 | 0.071 | 0.053 | 4.00 | 4.60 | 22 x 30 |
| 8200 | 380LQ822M035J012 | 0.071 | 0.053 | 4.00 | 4.60 | 25 x 25 |
| 10000 | 380LQ103M035H032 | 0.058 | 0.044 | 4.42 | 5.08 | 22 x 35 |
| 10000 | 380LQ103M035J022 | 0.058 | 0.044 | 4.42 | 5.08 | 25 x 30 |
| 12000 | 380LQ123M035H042 | 0.048 | 0.036 | 5.05 | 5.81 | 22 x 40 |
| 12000 | 380LQ123M035J032 | 0.048 | 0.036 | 5.05 | 5.81 | 25 x 35 |
| 12000 | 380LQ123M035K012 | 0.048 | 0.036 | 5.05 | 5.81 | 30 x 25 |
| 15000 | 380LQ153M035H452 | 0.039 | 0.029 | 5.57 | 6.41 | 22 x 45 |
| 15000 | 380LQ153M035J042 | 0.039 | 0.029 | 5.57 | 6.41 | 25 x 40 |
| 18000 | 380LQ183M035J452 | 0.032 | 0.024 | 5.68 | 6.53 | 25 x 45 |
| 18000 | 380LQ183M035K022 | 0.032 | 0.024 | 5.68 | 6.53 | 30 x 30 |
| 18000 | 380LQ183M035A012 | 0.032 | 0.024 | 5.68 | 6.53 | 35 x 25 |
| 22000 | 380LQ223M035J052 | 0.026 | 0.020 | 6.10 | 7.02 | 25 x 50 |
| 22000 | 380LQ223M035K032 | 0.026 | 0.020 | 6.10 | 7.02 | 30 x 35 |
| 22000 | 380LQ223M035A022 | 0.026 | 0.020 | 6.10 | 7.02 | 35 x 30 |
| 27000 | 380LQ273M035K452 | 0.021 | 0.016 | 6.84 | 7.87 | 30 x 45 |
| 27000 | 380LQ273M035A032 | 0.021 | 0.016 | 6.84 | 7.87 | 35 x 35 |
| 33000 | 380LQ333M035K052 | 0.018 | 0.013 | 7.15 | 8.22 | 30 x 50 |
| 33000 | 380LQ333M035A042 | 0.018 | 0.014 | 7.15 | 8.22 | 35 x 40 |
| 39000 | 380LQ393M035A452 | 0.017 | 0.014 | 7.91 | 9.10 | 35 x 45 |
| 47000 | 380LQ473M035A052 | 0.017 | 0.014 | 8.56 | 9.84 | 35 x 50 |
| 50 Vdc (63 Vdc Surge) | | | | | | |
| 3300 | 380LQ332M050H012 | 0.151 | 0.113 | 2.73 | 3.14 | 22 x 25 |
| 4700 | 380LQ472M050H022 | 0.106 | 0.079 | 3.03 | 3.48 | 22 x 30 |
| 4700 | 380LQ472M050J012 | 0.106 | 0.079 | 3.03 | 3.48 | 25 x 25 |
| 5600 | 380LQ562M050H032 | 0.089 | 0.067 | 3.42 | 3.93 | 22 x 35 |
| 6800 | 380LQ682M050H042 | 0.073 | 0.055 | 3.85 | 4.43 | 22 x 40 |
| 6800 | 380LQ682M050J022 | 0.073 | 0.055 | 3.85 | 4.43 | 25 x 30 |
| 6800 | 380LQ682M050K012 | 0.073 | 0.055 | 3.85 | 4.43 | 30 x 25 |
| 8200 | 380LQ822M050H452 | 0.061 | 0.045 | 4.41 | 5.07 | 22 x 45 |
| 8200 | 380LQ822M050J032 | 0.061 | 0.045 | 4.41 | 5.07 | 25 x 35 |
| 10000 | 380LQ103M050H052 | 0.050 | 0.037 | 4.97 | 5.72 | 22 x 50 |
| 10000 | 380LQ103M050J042 | 0.050 | 0.037 | 4.97 | 5.72 | 25 x 40 |
| 10000 | 380LQ103M050K022 | 0.050 | 0.037 | 4.97 | 5.72 | 30 x 30 |

Type 380LQ 85 °C Compact, High Capacitance Snap-in Capacitors

Higher Capacitance per Case Size

| Cap. (µF) | Catalog Part Number | ESR Max @ 25° C | | Ripple Amps @ 85 °C | | Nominal Size D x L (mm) | Cap. (µF) | Catalog Part Number | ESR Max @ 25° C | | Ripple Amps @ 85 °C | | Nominal Size D x L (mm) |
|-------------------------------|------------------------|--------------------|---------------|------------------------|---------------|----------------------------------|--------------------------------|------------------------|--------------------|---------------|------------------------|---------------|----------------------------------|
| | | 120 Hz (Ω) | 20 kHz (Ω) | 120 Hz (A) | 20 kHz (A) | | | | 120 Hz (Ω) | 20 kHz (Ω) | 120 Hz (A) | 20 kHz (A) | |
| 50 Vdc (63 Vdc Surge) | | | | | | | 80 Vdc (100 Vdc Surge) | | | | | | |
| 10000 | 380LQ103M050A012 | 0.05 | 0.037 | 4.97 | 5.72 | 35 x 25 | 3900 | 380LQ392M080H052 | 0.085 | 0.064 | 3.59 | 4.13 | 22 x 50 |
| 12000 | 380LQ123M050J452 | 0.041 | 0.031 | 5.58 | 6.42 | 25 x 45 | 3900 | 380LQ392M080J042 | 0.085 | 0.064 | 3.59 | 4.13 | 25 x 40 |
| 12000 | 380LQ123M050K032 | 0.041 | 0.031 | 5.58 | 6.42 | 30 x 35 | 3900 | 380LQ392M080A012 | 0.085 | 0.064 | 3.59 | 4.13 | 35 x 25 |
| 12000 | 380LQ123M050A022 | 0.041 | 0.031 | 5.58 | 6.42 | 35 x 30 | 4700 | 380LQ472M080H452 | 0.071 | 0.053 | 4.09 | 4.70 | 25 x 45 |
| 15000 | 380LQ153M050K042 | 0.033 | 0.025 | 6.44 | 7.41 | 30 x 40 | 4700 | 380LQ472M080K022 | 0.071 | 0.053 | 4.09 | 4.70 | 30 x 30 |
| 15000 | 380LQ153M050A032 | 0.033 | 0.025 | 6.44 | 7.41 | 35 x 35 | 5600 | 380LQ562M080J052 | 0.059 | 0.044 | 4.55 | 5.23 | 25 x 50 |
| 18000 | 380LQ183M050K452 | 0.028 | 0.021 | 6.94 | 7.98 | 30 x 45 | 5600 | 380LQ562M080K032 | 0.059 | 0.044 | 4.55 | 5.23 | 30 x 35 |
| 18000 | 380LQ183M050A042 | 0.028 | 0.021 | 6.94 | 7.98 | 35 x 40 | 5600 | 380LQ562M080A022 | 0.059 | 0.044 | 4.55 | 5.23 | 35 x 30 |
| 22000 | 380LQ223M050A452 | 0.023 | 0.018 | 7.57 | 8.71 | 35 x 45 | 6800 | 380LQ682M080K452 | 0.049 | 0.037 | 5.16 | 5.93 | 30 x 45 |
| 27000 | 380LQ273M050A052 | 0.018 | 0.015 | 8.96 | 10.30 | 35 x 50 | 6800 | 380LQ682M080A032 | 0.049 | 0.037 | 5.16 | 5.93 | 35 x 35 |
| 63 Vdc (79 Vdc Surge) | | | | | | | 100 Vdc (125 Vdc Surge) | | | | | | |
| 2200 | 380LQ222M063H012 | 0.188 | 0.141 | 2.52 | 2.90 | 22 x 25 | 1000 | 380LQ102M100H012 | 0.332 | 0.216 | 1.96 | 2.25 | 22 x 25 |
| 3300 | 380LQ332M063H022 | 0.126 | 0.094 | 4.10 | 4.72 | 22 x 30 | 1200 | 380LQ122M100J012 | 0.276 | 0.18 | 2.31 | 2.66 | 25 x 25 |
| 3300 | 380LQ332M063J012 | 0.126 | 0.094 | 4.10 | 4.72 | 25 x 25 | 1500 | 380LQ152M100H022 | 0.221 | 0.144 | 2.57 | 2.96 | 22 x 30 |
| 3900 | 380LQ392M063H032 | 0.106 | 0.080 | 4.44 | 5.11 | 22 x 35 | 1800 | 380LQ182M100H032 | 0.184 | 0.120 | 2.84 | 3.27 | 22 x 35 |
| 3900 | 380LQ392M063J022 | 0.106 | 0.080 | 4.44 | 5.11 | 25 x 30 | 1800 | 380LQ182M100J022 | 0.184 | 0.120 | 2.84 | 3.27 | 25 x 30 |
| 4700 | 380LQ472M063H042 | 0.088 | 0.066 | 4.86 | 5.59 | 22 x 40 | 2200 | 380LQ222M100H452 | 0.151 | 0.098 | 3.14 | 3.61 | 22 x 45 |
| 5600 | 380LQ562M063H452 | 0.074 | 0.056 | 5.36 | 6.16 | 22 x 45 | 2200 | 380LQ222M100J032 | 0.151 | 0.098 | 3.14 | 3.61 | 25 x 35 |
| 5600 | 380LQ562M063J042 | 0.074 | 0.056 | 5.36 | 6.16 | 25 x 40 | 2200 | 380LQ222M100K012 | 0.151 | 0.098 | 3.14 | 3.61 | 30 x 25 |
| 6800 | 380LQ682M063J452 | 0.061 | 0.046 | 5.84 | 6.72 | 25 x 45 | 2700 | 380LQ272M100H052 | 0.123 | 0.08 | 3.71 | 4.27 | 22 x 50 |
| 6800 | 380LQ682M063K022 | 0.061 | 0.046 | 5.84 | 6.72 | 30 x 30 | 2700 | 380LQ272M100J042 | 0.123 | 0.08 | 3.71 | 4.27 | 25 x 40 |
| 6800 | 380LQ682M063A012 | 0.061 | 0.046 | 5.84 | 6.72 | 35 x 25 | 2700 | 380LQ272M100K022 | 0.123 | 0.08 | 3.71 | 4.27 | 30 x 30 |
| 8200 | 380LQ822M063J052 | 0.051 | 0.038 | 6.00 | 6.90 | 25 x 50 | 2700 | 380LQ272M100A012 | 0.123 | 0.08 | 3.71 | 4.27 | 35 x 25 |
| 8200 | 380LQ822M063K032 | 0.051 | 0.038 | 6.00 | 6.90 | 30 x 35 | 3300 | 380LQ332M100J452 | 0.100 | 0.065 | 4.06 | 4.67 | 25 x 45 |
| 8200 | 380LQ822M063A022 | 0.051 | 0.038 | 6.00 | 6.90 | 35 x 30 | 3300 | 380LQ332M100K032 | 0.100 | 0.065 | 4.06 | 4.67 | 30 x 35 |
| 10000 | 380LQ103M063K042 | 0.041 | 0.031 | 6.52 | 7.50 | 30 x 40 | 3900 | 380LQ392M100J052 | 0.085 | 0.055 | 4.54 | 5.22 | 25 x 50 |
| 10000 | 380LQ103M063A032 | 0.041 | 0.031 | 6.52 | 7.50 | 35 x 35 | 3900 | 380LQ392M100K042 | 0.085 | 0.055 | 4.54 | 5.22 | 30 x 40 |
| 12000 | 380LQ123M063K452 | 0.035 | 0.026 | 7.15 | 8.22 | 30 x 45 | 3900 | 380LQ392M100A022 | 0.085 | 0.055 | 4.54 | 5.22 | 35 x 30 |
| 12000 | 380LQ123M063A042 | 0.035 | 0.026 | 7.15 | 8.22 | 35 x 40 | 4700 | 380LQ472M100K452 | 0.071 | 0.046 | 5.13 | 5.90 | 30 x 45 |
| 15000 | 380LQ153M063A452 | 0.028 | 0.021 | 7.91 | 9.10 | 35 x 45 | 4700 | 380LQ472M100A032 | 0.071 | 0.046 | 5.13 | 5.90 | 35 x 35 |
| 18000 | 380LQ183M063A052 | 0.023 | 0.018 | 8.55 | 9.83 | 35 x 50 | 5600 | 380LQ562M100K052 | 0.059 | 0.041 | 5.75 | 6.61 | 30 x 50 |
| 18000 | 380LQ183M063A052 | 0.023 | 0.018 | 8.55 | 9.83 | 35 x 50 | 5600 | 380LQ562M100A042 | 0.059 | 0.038 | 5.75 | 6.61 | 35 x 40 |
| 80 Vdc (100 Vdc Surge) | | | | | | | 160 Vdc (200 Vdc Surge) | | | | | | |
| 1500 | 380LQ152M080H012 | 0.221 | 0.166 | 2.26 | 2.60 | 22 x 25 | 560 | 380LQ561M160H012 | 0.355 | 0.16 | 2.25 | 3.15 | 22 x 25 |
| 1800 | 380LQ182M080H022 | 0.184 | 0.138 | 2.52 | 2.90 | 22 x 30 | 680 | 380LQ681M160H022 | 0.293 | 0.132 | 2.50 | 3.50 | 22 x 30 |
| 2200 | 380LQ222M080H032 | 0.151 | 0.113 | 2.73 | 3.14 | 22 x 35 | 820 | 380LQ821M160H032 | 0.243 | 0.109 | 2.75 | 3.85 | 22 x 35 |
| 2200 | 380LQ222M080J012 | 0.151 | 0.113 | 2.73 | 3.14 | 25 x 25 | | | | | | | |
| 2700 | 380LQ272M080H042 | 0.123 | 0.092 | 2.78 | 3.20 | 22 x 40 | | | | | | | |
| 2700 | 380LQ272M080J022 | 0.123 | 0.092 | 2.78 | 3.20 | 25 x 30 | | | | | | | |
| 3300 | 380LQ332M080H452 | 0.100 | 0.075 | 3.21 | 3.69 | 22 x 45 | | | | | | | |
| 3300 | 380LQ332M080J032 | 0.100 | 0.075 | 3.21 | 3.69 | 25 x 35 | | | | | | | |
| 3300 | 380LQ332M080K012 | 0.1 | 0.075 | 3.21 | 3.69 | 30 x 25 | | | | | | | |

Type 380LQ 85 °C Compact, High Capacitance Snap-in Capacitors

Higher Capacitance per Case Size

| Cap. (µF) | Catalog Part Number | ESR Max @ 25° C | | Ripple Amps @ 85 °C | | Nominal Size D x L (mm) |
|--------------------------------|------------------------|--------------------|---------------|------------------------|---------------|----------------------------------|
| | | 120 Hz (Ω) | 20 kHz (Ω) | 120 Hz (A) | 20 kHz (A) | |
| 160 Vdc (200 Vdc Surge) | | | | | | |
| 1000 | 380LQ102M160H042 | 0.199 | 0.09 | 3.00 | 4.20 | 22 x 40 |
| 1000 | 380LQ102M160J022 | 0.199 | 0.09 | 3.00 | 4.20 | 25 x 30 |
| 1200 | 380LQ122M160H452 | 0.166 | 0.075 | 3.25 | 4.55 | 22 x 45 |
| 1200 | 380LQ122M160J032 | 0.166 | 0.075 | 3.25 | 4.55 | 25 x 35 |
| 1200 | 380LQ122M160K012 | 0.166 | 0.075 | 3.25 | 4.55 | 30 x 25 |
| 1500 | 380LQ152M160H052 | 0.133 | 0.060 | 3.73 | 5.22 | 22 x 50 |
| 1500 | 380LQ152M160J042 | 0.133 | 0.060 | 3.73 | 5.22 | 25 x 40 |
| 1500 | 380LQ152M160K022 | 0.133 | 0.060 | 3.73 | 5.22 | 30 x 30 |
| 1500 | 380LQ152M160A012 | 0.133 | 0.06 | 3.73 | 5.22 | 35 x 25 |
| 1800 | 380LQ182M160J452 | 0.111 | 0.05 | 4.20 | 5.88 | 25 x 45 |
| 1800 | 380LQ182M160K032 | 0.12 | 0.054 | 4.20 | 5.88 | 30 x 35 |
| 1800 | 380LQ182M160A022 | 0.111 | 0.05 | 4.20 | 5.88 | 35 x 30 |
| 2200 | 380LQ222M160K042 | 0.090 | 0.041 | 4.78 | 6.69 | 30 x 40 |
| 2200 | 380LQ222M160A032 | 0.098 | 0.049 | 4.78 | 6.69 | 35 x 35 |
| 2700 | 380LQ272M160K452 | 0.074 | 0.033 | 5.45 | 7.63 | 30 x 45 |
| 2700 | 380LQ272M160A042 | 0.080 | 0.040 | 5.45 | 7.63 | 35 x 40 |
| 3300 | 380LQ332M160A452 | 0.070 | 0.035 | 5.75 | 8.05 | 35 x 45 |
| 3900 | 380LQ392M160A052 | 0.055 | 0.028 | 6.00 | 8.40 | 35 x 50 |
| 180 Vdc (225 Vdc Surge) | | | | | | |
| 470 | 380LQ471M180H012 | 0.423 | 0.19 | 2.08 | 2.91 | 22 x 25 |
| 560 | 380LQ561M180H022 | 0.355 | 0.16 | 2.25 | 3.15 | 22 x 30 |
| 680 | 380LQ681M180H022 | 0.293 | 0.132 | 2.50 | 3.50 | 22 x 30 |
| 680 | 380LQ681M180J012 | 0.293 | 0.132 | 2.50 | 3.50 | 25 x 25 |
| 820 | 380LQ821M180H032 | 0.243 | 0.109 | 2.75 | 3.85 | 22 x 35 |
| 820 | 380LQ821M180J022 | 0.243 | 0.109 | 2.75 | 3.85 | 25 x 30 |
| 1000 | 380LQ102M180H452 | 0.199 | 0.090 | 3.00 | 4.20 | 22 x 45 |
| 1000 | 380LQ102M180J032 | 0.199 | 0.090 | 3.00 | 4.20 | 25 x 35 |
| 1000 | 380LQ102M180K012 | 0.199 | 0.09 | 3.00 | 4.20 | 30 x 25 |
| 1200 | 380LQ122M180H052 | 0.166 | 0.075 | 3.31 | 4.63 | 22 x 50 |
| 1200 | 380LQ122M180J042 | 0.166 | 0.075 | 3.31 | 4.63 | 25 x 40 |
| 1200 | 380LQ122M180K022 | 0.166 | 0.075 | 3.31 | 4.63 | 30 x 30 |
| 1200 | 380LQ122M180A012 | 0.166 | 0.075 | 3.31 | 4.63 | 35 x 25 |
| 1500 | 380LQ152M180J452 | 0.133 | 0.060 | 3.83 | 5.36 | 25 x 45 |
| 1500 | 380LQ152M180K032 | 0.133 | 0.060 | 3.83 | 5.36 | 30 x 35 |
| 1500 | 380LQ152M180A022 | 0.133 | 0.060 | 3.83 | 5.36 | 35 x 30 |
| 1800 | 380LQ182M180J052 | 0.120 | 0.054 | 4.32 | 6.05 | 25 x 50 |
| 1800 | 380LQ182M180K042 | 0.12 | 0.054 | 4.32 | 6.05 | 30 x 40 |
| 1800 | 380LQ182M180A022 | 0.12 | 0.054 | 4.32 | 6.05 | 35 x 30 |
| 2200 | 380LQ222M180K452 | 0.098 | 0.049 | 4.92 | 6.89 | 30 x 45 |
| 2200 | 380LQ222M180A042 | 0.098 | 0.049 | 4.92 | 6.89 | 35 x 40 |
| 2700 | 380LQ272M180K052 | 0.086 | 0.043 | 5.52 | 7.73 | 30 x 50 |
| 2700 | 380LQ272M180A452 | 0.086 | 0.043 | 5.52 | 7.73 | 35 x 45 |
| 3300 | 380LQ332M180A052 | 0.080 | 0.040 | 5.75 | 8.05 | 35 x 50 |

| Cap. (µF) | Catalog Part Number | ESR Max @ 25° C | | Ripple Amps @ 85 °C | | Nominal Size D x L (mm) |
|--------------------------------|------------------------|--------------------|---------------|------------------------|---------------|----------------------------------|
| | | 120 Hz (Ω) | 20 kHz (Ω) | 120 Hz (A) | 20 kHz (A) | |
| 200 Vdc (250 Vdc Surge) | | | | | | |
| 390 | 380LQ391M200H012 | 0.51 | 0.23 | 1.68 | 2.35 | 22 x 25 |
| 470 | 380LQ471M200H022 | 0.423 | 0.19 | 1.85 | 2.59 | 22 x 30 |
| 560 | 380LQ561M200H022 | 0.355 | 0.16 | 2.43 | 3.40 | 22 x 30 |
| 560 | 380LQ561M200J012 | 0.355 | 0.160 | 2.43 | 3.40 | 25 x 25 |
| 680 | 380LQ681M200H032 | 0.293 | 0.132 | 2.68 | 3.75 | 22 x 35 |
| 680 | 380LQ681M200J022 | 0.293 | 0.132 | 2.68 | 3.75 | 25 x 30 |
| 820 | 380LQ821M200H042 | 0.243 | 0.109 | 2.93 | 4.10 | 22 x 40 |
| 820 | 380LQ821M200J022 | 0.243 | 0.109 | 2.93 | 4.10 | 25 x 30 |
| 820 | 380LQ821M200K012 | 0.243 | 0.109 | 2.93 | 4.10 | 30 x 25 |
| 1000 | 380LQ102M200H452 | 0.199 | 0.09 | 3.25 | 4.55 | 22 x 45 |
| 1000 | 380LQ102M200J032 | 0.199 | 0.09 | 3.25 | 4.55 | 25 x 35 |
| 1000 | 380LQ102M200K022 | 0.199 | 0.09 | 3.25 | 4.55 | 30 x 30 |
| 1000 | 380LQ102M200A012 | 0.232 | 0.116 | 3.25 | 4.55 | 35 x 25 |
| 1200 | 380LQ122M200H052 | 0.166 | 0.075 | 3.50 | 4.90 | 22 x 50 |
| 1200 | 380LQ122M200J042 | 0.166 | 0.075 | 3.50 | 4.90 | 25 x 40 |
| 1200 | 380LQ122M200K022 | 0.166 | 0.075 | 3.50 | 4.90 | 30 x 30 |
| 1500 | 380LQ152M200J052 | 0.133 | 0.060 | 3.87 | 5.42 | 25 x 50 |
| 1500 | 380LQ152M200K032 | 0.144 | 0.065 | 3.87 | 5.42 | 30 x 35 |
| 1500 | 380LQ152M200A022 | 0.144 | 0.065 | 3.87 | 5.42 | 35 x 30 |
| 1800 | 380LQ182M200K452 | 0.16 | 0.08 | 4.32 | 6.05 | 30 x 45 |
| 1800 | 380LQ182M200A032 | 0.12 | 0.06 | 4.32 | 6.05 | 35 x 35 |
| 2200 | 380LQ222M200K052 | 0.098 | 0.049 | 4.92 | 6.89 | 30 x 50 |
| 2200 | 380LQ222M200A042 | 0.105 | 0.053 | 4.92 | 6.89 | 35 x 40 |
| 2700 | 380LQ272M200A052 | 0.086 | 0.043 | 5.45 | 7.63 | 35 x 50 |
| 250 Vdc (300 Vdc Surge) | | | | | | |
| 270 | 380LQ271M250H012 | 0.737 | 0.332 | 1.31 | 1.83 | 22 x 25 |
| 330 | 380LQ331M250H022 | 0.603 | 0.271 | 1.75 | 2.45 | 22 x 30 |
| 390 | 380LQ391M250H022 | 0.51 | 0.23 | 1.91 | 2.67 | 22 x 30 |
| 390 | 380LQ391M250J012 | 0.510 | 0.230 | 1.91 | 2.67 | 25 x 25 |
| 470 | 380LQ471M250H032 | 0.423 | 0.190 | 2.11 | 2.95 | 22 x 35 |
| 470 | 380LQ471M250J022 | 0.423 | 0.190 | 2.11 | 2.95 | 25 x 30 |
| 560 | 380LQ561M250H042 | 0.355 | 0.160 | 2.25 | 3.15 | 22 x 40 |
| 560 | 380LQ561M250J022 | 0.355 | 0.160 | 2.25 | 3.15 | 25 x 30 |
| 560 | 380LQ561M250K012 | 0.355 | 0.16 | 2.25 | 3.15 | 30 x 25 |
| 680 | 380LQ681M250H452 | 0.293 | 0.132 | 2.50 | 3.50 | 22 x 45 |
| 680 | 380LQ681M250J032 | 0.293 | 0.132 | 2.50 | 3.50 | 25 x 35 |
| 680 | 380LQ681M250K012 | 0.293 | 0.132 | 2.30 | 3.20 | 30 x 25 |
| 680 | 380LQ681M250K022 | 0.293 | 0.132 | 2.50 | 3.50 | 30 x 30 |
| 820 | 380LQ821M250H052 | 0.243 | 0.109 | 2.77 | 3.88 | 22 x 50 |
| 820 | 380LQ821M250J042 | 0.243 | 0.109 | 2.77 | 3.88 | 25 x 40 |
| 820 | 380LQ821M250K022 | 0.243 | 0.109 | 2.77 | 3.88 | 30 x 30 |
| 820 | 380LQ821M250A012 | 0.243 | 0.121 | 2.77 | 3.88 | 35 x 25 |
| 1000 | 380LQ102M250J452 | 0.199 | 0.09 | 3.32 | 4.65 | 25 x 45 |

Type 380LQ 85 °C Compact, High Capacitance Snap-in Capacitors

Higher Capacitance per Case Size

| Cap. (µF) | Catalog Part Number | ESR Max @ 25° C | | Ripple Amps @ 85 °C | | Nominal Size D x L (mm) |
|--------------------------------|------------------------|--------------------|---------------|------------------------|---------------|----------------------------------|
| | | 120 Hz (Ω) | 20 kHz (Ω) | 120 Hz (A) | 20 kHz (A) | |
| 250 Vdc (300 Vdc Surge) | | | | | | |
| 1000 | 380LQ102M250K032 | 0.199 | 0.09 | 3.32 | 4.65 | 30 x 35 |
| 1000 | 380LQ102M250A022 | 0.199 | 0.09 | 3.32 | 4.65 | 35 x 30 |
| 1200 | 380LQ122M250K042 | 0.166 | 0.075 | 3.53 | 4.94 | 30 x 40 |
| 1200 | 380LQ122M250A032 | 0.166 | 0.083 | 3.53 | 4.94 | 35 x 35 |
| 1500 | 380LQ152M250K052 | 0.133 | 0.066 | 4.04 | 5.66 | 30 x 50 |
| 1500 | 380LQ152M250A042 | 0.133 | 0.066 | 4.04 | 5.66 | 35 x 40 |
| 1800 | 380LQ182M250A452 | 0.111 | 0.055 | 4.55 | 6.37 | 35 x 45 |
| 2200 | 380LQ222M250A052 | 0.105 | 0.052 | 5.00 | 7.00 | 35 x 50 |
| 315 Vdc (365 Vdc Surge) | | | | | | |
| 180 | 380LQ181M315H012 | 1.105 | 0.553 | 1.21 | 1.69 | 22 x 25 |
| 220 | 380LQ221M315H022 | 0.904 | 0.452 | 1.41 | 1.97 | 22 x 30 |
| 270 | 380LQ271M315H022 | 0.737 | 0.368 | 1.60 | 2.24 | 22 x 30 |
| 330 | 380LQ331M315H042 | 0.603 | 0.301 | 1.82 | 2.55 | 22 x 40 |
| 330 | 380LQ331M315J022 | 0.603 | 0.301 | 1.82 | 2.55 | 25 x 30 |
| 330 | 380LQ331M315K012 | 0.603 | 0.301 | 1.82 | 2.55 | 30 x 25 |
| 390 | 380LQ391M315H452 | 0.510 | 0.255 | 2.01 | 2.81 | 22 x 45 |
| 390 | 380LQ391M315J032 | 0.510 | 0.255 | 2.01 | 2.81 | 25 x 35 |
| 390 | 390LQ391M315K022 | 0.51 | 0.255 | 2.01 | 2.81 | 30 x 30 |
| 470 | 380LQ471M315H052 | 0.423 | 0.212 | 2.27 | 3.18 | 22 x 50 |
| 470 | 380LQ471M315J042 | 0.423 | 0.212 | 2.27 | 3.18 | 25 x 40 |
| 470 | 380LQ471M315K022 | 0.423 | 0.212 | 2.27 | 3.18 | 30 x 30 |
| 470 | 380LQ471M315A012 | 0.423 | 0.233 | 2.27 | 3.18 | 35 x 25 |
| 560 | 380LQ561M315J452 | 0.355 | 0.178 | 2.56 | 3.58 | 25 x 45 |
| 560 | 380LQ561M315K032 | 0.355 | 0.178 | 2.56 | 3.58 | 30 x 35 |
| 560 | 380LQ561M315A022 | 0.355 | 0.195 | 2.56 | 3.58 | 35 x 30 |
| 680 | 380LQ681M35K042 | 0.293 | 0.148 | 2.87 | 4.02 | 30 x 40 |
| 680 | 380LQ681M315A032 | 0.293 | 0.146 | 2.87 | 4.55 | 35 x 35 |
| 820 | 380LQ821M315K452 | 0.243 | 0.121 | 3.25 | 4.55 | 30 x 45 |
| 820 | 380LQ821M315A042 | 0.243 | 0.121 | 3.25 | 4.55 | 35 x 40 |
| 1000 | 380LQ102M315K052 | 0.199 | 0.09 | 3.63 | 5.08 | 30 x 50 |
| 1000 | 380LQ102M315A452 | 0.199 | 0.109 | 3.63 | 5.08 | 35 x 45 |
| 350 Vdc (400 Vdc Surge) | | | | | | |
| 150 | 380LQ151M350H012 | 1.328 | 0.663 | 1.12 | 1.57 | 22 x 25 |
| 180 | 380LQ181M350H022 | 1.105 | 0.553 | 1.22 | 1.71 | 22 x 30 |
| 220 | 380LQ221M350H032 | 0.904 | 0.452 | 1.44 | 2.02 | 22 x 35 |
| 270 | 380LQ271M350H042 | 0.737 | 0.368 | 1.66 | 2.32 | 22 x 40 |
| 270 | 380LQ271M350J022 | 0.737 | 0.368 | 1.66 | 2.32 | 25 x 30 |
| 330 | 380LQ331M350H452 | 0.603 | 0.301 | 1.88 | 2.63 | 22 x 45 |
| 330 | 380LQ331M350J032 | 0.603 | 0.301 | 1.88 | 2.63 | 25 x 35 |
| 390 | 380LQ391M350H052 | 0.510 | 0.255 | 2.06 | 2.88 | 22 x 50 |
| 390 | 380LQ391M350J042 | 0.51 | 0.255 | 2.06 | 2.88 | 25 x 40 |
| 390 | 380LQ391M350K022 | 0.51 | 0.255 | 2.06 | 2.88 | 30 x 30 |

| Cap. (µF) | Catalog Part Number | ESR Max @ 25° C | | Ripple Amps @ 85 °C | | Nominal Size D x L (mm) |
|--------------------------------|------------------------|--------------------|---------------|------------------------|---------------|----------------------------------|
| | | 120 Hz (Ω) | 20 kHz (Ω) | 120 Hz (A) | 20 kHz (A) | |
| 350 Vdc (400 Vdc Surge) | | | | | | |
| 390 | 380LQ391M350A012 | 0.51 | 0.255 | 2.06 | 2.88 | 35 x 25 |
| 470 | 380LQ471M350J452 | 0.423 | 0.211 | 2.40 | 3.36 | 25 x 45 |
| 470 | 380LQ471M350K032 | 0.423 | 0.211 | 2.40 | 3.36 | 30 x 35 |
| 470 | 380LQ471M350A022 | 0.423 | 0.211 | 2.40 | 3.36 | 35 x 30 |
| 560 | 380LQ561M350J050 | 0.355 | 0.178 | 2.60 | 3.64 | 25 x 50 |
| 560 | 380LQ561M350K042 | 0.355 | 0.178 | 2.60 | 3.64 | 30 x 40 |
| 560 | 380LQ561M350A022 | 0.355 | 0.178 | 2.60 | 3.64 | 35 x 30 |
| 680 | 380LQ681M350K452 | 0.293 | 0.146 | 2.96 | 4.14 | 30 x 45 |
| 680 | 380LQ681M350A032 | 0.293 | 0.146 | 2.96 | 4.14 | 35 x 35 |
| 820 | 380LQ821M350K052 | 0.243 | 0.121 | 3.25 | 4.55 | 30 x 50 |
| 820 | 380LQ821M350A452 | 0.243 | 0.121 | 3.25 | 4.55 | 35 x 45 |
| 1000 | 380LQ102M350A052 | 0.199 | 0.109 | 3.54 | 4.96 | 35 x 50 |
| 400 Vdc (450 Vdc Surge) | | | | | | |
| 120 | 380LQ121M400H012 | 1.658 | 0.83 | 1.02 | 1.43 | 22 x 25 |
| 150 | 380LQ151M400H022 | 1.326 | 0.66 | 1.16 | 1.62 | 22 x 30 |
| 180 | 380LQ181M400H022 | 1.105 | 0.552 | 1.30 | 1.80 | 22 x 30 |
| 180 | 380LQ181M400H032 | 1.105 | 0.552 | 1.44 | 2.02 | 22 x 35 |
| 220 | 380LQ221M400H032 | 0.904 | 0.452 | 1.40 | 1.90 | 22 x 35 |
| 220 | 380LQ221M400H042 | 0.904 | 0.452 | 1.49 | 2.09 | 22 x 40 |
| 220 | 380LQ221M400J022 | 0.904 | 0.452 | 1.49 | 2.09 | 25 x 30 |
| 270 | 380LQ271M400H452 | 0.737 | 0.368 | 1.67 | 2.34 | 22 x 45 |
| 270 | 380LQ271M400J032 | 0.737 | 0.368 | 1.67 | 2.34 | 25 x 35 |
| 270 | 380LQ271M400K022 | 0.737 | 0.368 | 1.67 | 2.34 | 30 x 30 |
| 330 | 380LQ331M400H052 | 0.603 | 0.301 | 1.90 | 2.66 | 22 x 50 |
| 330 | 380LQ331M400J042 | 0.603 | 0.301 | 1.90 | 2.66 | 25 x 40 |
| 330 | 380LQ331M400K022 | 0.603 | 0.301 | 1.90 | 2.66 | 30 x 30 |
| 330 | 380LQ331M400A012 | 0.603 | 0.301 | 1.90 | 2.66 | 35 x 25 |
| 390 | 380LQ391M400J452 | 0.510 | 0.255 | 2.13 | 2.98 | 25 x 45 |
| 390 | 380LQ391M400K032 | 0.510 | 0.255 | 2.13 | 2.98 | 30 x 35 |
| 390 | 380LQ391M400A022 | 0.510 | 0.255 | 2.13 | 2.98 | 35 x 30 |
| 470 | 380LQ471M400J052 | 0.423 | 0.212 | 2.39 | 3.35 | 25 x 50 |
| 470 | 380LQ471M400K042 | 0.423 | 0.212 | 2.39 | 3.35 | 30 x 40 |
| 470 | 380LQ471M400A022 | 0.423 | 0.212 | 2.39 | 3.35 | 35 x 30 |
| 560 | 380LQ561M400K452 | 0.355 | 0.178 | 2.69 | 3.77 | 30 x 45 |
| 560 | 380LQ561M400A032 | 0.355 | 0.178 | 2.69 | 3.77 | 35 x 35 |
| 680 | 380LQ681M400K052 | 0.293 | 0.148 | 2.96 | 4.14 | 30 x 50 |
| 680 | 380LQ681M400A042 | 0.293 | 0.148 | 2.70 | 3.80 | 35 x 40 |
| 680 | 380LQ681M400A452 | 0.293 | 0.148 | 2.96 | 4.14 | 35 x 45 |
| 820 | 380LQ821M400A452 | 0.243 | 0.122 | 2.95 | 4.15 | 35 x 45 |
| 820 | 380LQ821M400A052 | 0.243 | 0.122 | 3.25 | 4.55 | 35 x 50 |
| 420 Vdc (470 Vdc Surge) | | | | | | |
| 150 | 380LQ151M420H022 | 1.33 | 0.66 | 1.20 | 1.65 | 22 x 30 |

Type 380LQ 85 °C Compact, High Capacitance Snap-in Capacitors

Higher Capacitance per Case Size

| Cap. (µF) | Catalog Part Number | ESR Max @ 25° C | | Ripple Amps @ 85 °C | | Nominal Size D x L (mm) |
|--------------------------------|------------------------|--------------------|---------------|------------------------|---------------|----------------------------------|
| | | 120 Hz (Ω) | 20 kHz (Ω) | 120 Hz (A) | 20 kHz (A) | |
| 420 Vdc (470 Vdc Surge) | | | | | | |
| 150 | 380LQ151M420J012 | 1.33 | 0.66 | 1.20 | 1.65 | 25 x 25 |
| 180 | 380LQ181M420H032 | 1.1 | 0.55 | 1.40 | 1.95 | 22 x 35 |
| 220 | 380LQ221M420H042 | 0.904 | 0.452 | 1.50 | 2.10 | 22 x 40 |
| 220 | 380LQ221M420J032 | 0.904 | 0.452 | 1.50 | 2.10 | 25 x 35 |
| 220 | 380LQ221M420K012 | 0.904 | 0.452 | 1.50 | 2.10 | 30 x 25 |
| 270 | 380LQ271M420H452 | 0.737 | 0.368 | 1.75 | 2.40 | 22 x 45 |
| 270 | 380LQ271M420J042 | 0.737 | 0.368 | 1.75 | 2.40 | 25 x 40 |
| 330 | 380LQ331M420J452 | 0.603 | 0.302 | 1.95 | 2.75 | 25 x 45 |
| 330 | 380LQ331M420K022 | 0.603 | 0.302 | 1.95 | 2.75 | 30 x 30 |
| 390 | 380LQ391M420J052 | 0.51 | 0.255 | 2.15 | 3.05 | 25 x 50 |
| 390 | 380LQ391M420K032 | 0.51 | 0.255 | 2.15 | 3.05 | 30 x 35 |
| 390 | 380LQ391M420A022 | 0.51 | 0.255 | 2.15 | 3.05 | 35 x 30 |
| 470 | 380LQ471M420K042 | 0.423 | 0.212 | 2.45 | 3.40 | 30 x 40 |
| 470 | 380LQ471M420A032 | 0.423 | 0.212 | 2.45 | 3.40 | 35 x 35 |
| 560 | 380LQ561M420K452 | 0.355 | 0.178 | 2.75 | 3.85 | 30 x 45 |
| 560 | 380LQ561M420A042 | 0.355 | 0.178 | 2.75 | 3.85 | 35 x 40 |
| 680 | 380LQ681M420A452 | 0.293 | 0.146 | 3.10 | 4.35 | 35 x 45 |
| 82 | 380LQ820M450H012 | 2.426 | 1.213 | 0.83 | 1.16 | 22 x 25 |
| 100 | 380LQ101M450H012 | 1.99 | 0.995 | 0.93 | 1.30 | 22 x 25 |
| 120 | 380LQ121M450H022 | 1.656 | 0.829 | 1.04 | 1.46 | 22 x 30 |
| 150 | 380LQ151M450H032 | 1.326 | 0.663 | 1.19 | 1.67 | 22 x 35 |

| Cap. (µF) | Catalog Part Number | ESR Max @ 25° C | | Ripple Amps @ 85 °C | | Nominal Size D x L (mm) |
|--------------------------------|------------------------|--------------------|---------------|------------------------|---------------|----------------------------------|
| | | 120 Hz (Ω) | 20 kHz (Ω) | 120 Hz (A) | 20 kHz (A) | |
| 450 Vdc (500 Vdc Surge) | | | | | | |
| 150 | 380LQ151M450J022 | 1.326 | 0.663 | 1.19 | 1.67 | 25 x 30 |
| 180 | 380LQ181M450H042 | 1.105 | 0.553 | 1.35 | 1.89 | 22 x 40 |
| 180 | 380LQ181M450J022 | 1.105 | 0.553 | 1.35 | 1.89 | 25 x 30 |
| 220 | 380LQ221M450H452 | 0.904 | 0.452 | 1.55 | 2.17 | 22 x 45 |
| 220 | 380LQ221M450J032 | 0.904 | 0.452 | 1.45 | 2.00 | 25 x 35 |
| 220 | 380LQ221M450J042 | 0.904 | 0.452 | 1.55 | 2.17 | 25 x 40 |
| 220 | 380LQ221M450K022 | 0.904 | 0.452 | 1.55 | 2.17 | 30 x 30 |
| 220 | 380LQ221M450A012 | 0.904 | 0.452 | 1.55 | 2.17 | 35 x 25 |
| 270 | 380LQ271M450H052 | 0.737 | 0.368 | 1.78 | 2.49 | 22 x 50 |
| 270 | 380LQ271M450J042 | 0.737 | 0.368 | 1.78 | 2.49 | 25 x 40 |
| 270 | 380LQ271M450K022 | 0.737 | 0.368 | 1.78 | 2.49 | 30 x 30 |
| 330 | 380LQ331M450J052 | 0.603 | 0.302 | 2.01 | 2.81 | 25 x 50 |
| 330 | 380LQ331M450K032 | 0.603 | 0.302 | 1.90 | 2.60 | 30 x 35 |
| 330 | 380LQ331M450K042 | 0.603 | 0.302 | 2.01 | 2.81 | 30 x 40 |
| 330 | 380LQ331M450A022 | 0.603 | 0.302 | 2.01 | 2.81 | 35 x 30 |
| 390 | 380LQ391M450K042 | 0.510 | 0.255 | 2.24 | 3.14 | 30 x 40 |
| 390 | 380LQ391M450A032 | 0.510 | 0.255 | 2.24 | 3.14 | 35 x 35 |
| 470 | 380LQ471M450K452 | 0.423 | 0.212 | 2.53 | 3.54 | 30 x 45 |
| 470 | 380LQ471M450A042 | 0.423 | 0.212 | 2.53 | 3.54 | 35 x 40 |
| 560 | 380LQ561M450K052 | 0.355 | 0.178 | 2.82 | 3.95 | 30 x 50 |
| 560 | 380LQ561M450A452 | 0.355 | 0.178 | 2.82 | 3.95 | 35 x 45 |
| 680 | 380LQ681M450A052 | 0.293 | 0.146 | 3.00 | 4.25 | 35 x 50 |

Type 380LQ 85 °C Compact, High Capacitance Snap-in Capacitors

Higher Capacitance per Case Size

Typical Performance Curves





Компания «ЭлектроПласт» предлагает заключение долгосрочных отношений при поставках импортных электронных компонентов на взаимовыгодных условиях!

Наши преимущества:

- Оперативные поставки широкого спектра электронных компонентов отечественного и импортного производства напрямую от производителей и с крупнейших мировых складов;
- Поставка более 17-ти миллионов наименований электронных компонентов;
- Поставка сложных, дефицитных, либо снятых с производства позиций;
- Оперативные сроки поставки под заказ (от 5 рабочих дней);
- Экспресс доставка в любую точку России;
- Техническая поддержка проекта, помощь в подборе аналогов, поставка прототипов;
- Система менеджмента качества сертифицирована по Международному стандарту ISO 9001;
- Лицензия ФСБ на осуществление работ с использованием сведений, составляющих государственную тайну;
- Поставка специализированных компонентов (Xilinx, Altera, Analog Devices, Intersil, Interpoint, Microsemi, Aeroflex, Peregrine, Syfer, Eurofarad, Texas Instrument, Miteq, Cobham, E2V, MA-COM, Hittite, Mini-Circuits, General Dynamics и др.);

Помимо этого, одним из направлений компании «ЭлектроПласт» является направление «Источники питания». Мы предлагаем Вам помощь Конструкторского отдела:

- Подбор оптимального решения, техническое обоснование при выборе компонента;
- Подбор аналогов;
- Консультации по применению компонента;
- Поставка образцов и прототипов;
- Техническая поддержка проекта;
- Защита от снятия компонента с производства.



Как с нами связаться

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