

LG [For General]

For Printed Circuit Board High-Performance Aluminum Electrolytic Power Supply Input and Output Filter Capacitors



DESCRIPTION

Endurance : 105°C 2000 hours, higher temperature than LH.

Ideally suitable for using in switching power supplies and other industrial / commercial applications.

MULTIPLIER FOR RIPPLE CURRENT

Frequency Coefficient

| FREQUENCY (Hz) | 50 | 60 | 120 | IK | IOK |
|----------------|------|------|------|------|------|
| 6.3~100V | 0.88 | 0.90 | 1.00 | 1.15 | 1.16 |
| 160~250V | 0.85 | 0.88 | 1.00 | 1.15 | 1.20 |
| 315~450V | 0.88 | 0.90 | 1.00 | 1.10 | 1.15 |

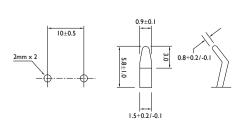
ELECTRICAL CHARACTERISTICS

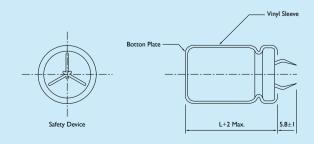
| Operating Temperature Range | -40 to +105°C | -2. | -25 to +105°C | | | | | | | | | | |
|-----------------------------|--|---|---------------|-------|-----|---------------|--------|-----------|----------------|--------|--|--|--|
| Rated Voltage Range | 6.3 to 100VDC | | | | 16 | 160 to 450VDC | | | | | | | |
| Rated Capacitance Range | 560 ~ 82000µF | | | | 47 | 47 ~ 2200µF | | | | | | | |
| Capacitance Tolerance | ±20% at 120Hz, 2 | 20°C | | | | | | | | | | | |
| Leakage Current | I = 0.02CV, L = 2 (After 5 Minutes A I = Leakage Curre | Appl | ication | of DC | Wor | king\ | Voltag | e at 20°C | .) | ge (V) | | | |
| Dissipation Factor (tanδ) | Rate Voltage (V) | 6.3 | 10 | 16 | 25 | 35 | 50 | 63-100 | 160-400 | 450 | | | |
| | D.F. (%) | 60 | 55 | 55 | 45 | 35 | 30 | 25 | 15 | 20 | | | |
| Low Temperature Stability | Measurement free | quen | cy: 120 |)Hz | | | | | | | | | |
| Impedance Ratio (Max.) | Rated Voltage (V) | | 6.3~I | 6 25 | 35 | 50 | ~63 | 80~10 | 160~400 | 450 | | | |
| | Z(-25°C) / Z(20° | C) | 4 | 3 | 3 | | 2 | 2 | 4 | 8 | | | |
| | Z(-40°C) / Z(20° | C) | 15 | 10 | 8 | | 6 | 5 | - | - | | | |
| Endurance | for 2000 hours, th (a) Capacitance (b) Dissipation Fa | After the rated voltage and rated ripple current have been applied at 105°C for 2000 hours, the capacitors shall meet the following requirements. (a) Capacitance Change: ≤ ±20% of the Initial Value (b) Dissipation Factor: ≤ 200% of the Initial Specified Value (c) Leakage Current: ≤ the Initial Specified Value | | | | | | | | | | | |
| Shelf Life | After having been the capacitors sha | | | | | | Ŭ | | | ours, | | | |

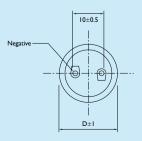
DIAGRAM OF DIMENSIONS

Unit: mm

Location of P.C.B. Holes







| CAP. (µF) | RATED VOLTAGE W V (SURGE VOLTAGE W V) | | | | | | | | | | |
|-----------|---------------------------------------|--------|-----------------|--------|-----------------|--------|-----------------|--------|--|--|--|
| | 6.3 (8) SIZE | RIPPLE | 10 (13) SIZE | RIPPLE | 16 (20) SIZE | RIPPLE | 25 (32) SIZE | RIPPLE | | | |
| 1700 | | | | | | | 22 × 25 | 1.50 | | | |
| 5600 | | | | _ | | | 22 × 30 | 1.65 | | | |
| | | | | | | | 25 × 25 | 1.65 | | | |
| 6800 | | | | | 22 × 25 | 1.55 | 22 × 30 | 1.85 | | | |
| | | | | | | | 25 × 25 | 1.85 | | | |
| 3200 | | | | | 22 × 30 | 1.70 | 22 × 35 | 2.10 | | | |
| | | | | | 25 × 25 | 1.70 | 25 × 30 | 2.10 | | | |
| | | | | | | | 30 × 25 | 2.15 | | | |
| 10000 | | | 22 × 25 | 1.55 | 22 × 30 | 1.95 | 22 × 40 | 2.40 | | | |
| | | | 25 × 25 | 1.55 | 25 × 25 | 1.95 | 25 × 35 | 2.40 | | | |
| | | | | | | | 30 × 30 | 2.40 | | | |
| | | | | | | | 35 × 25 | 2.40 | | | |
| 12000 | 22 × 25 | 1.55 | 22 × 30 | 1.75 | 22 × 35 | 2.20 | 22 × 45 | 2.70 | | | |
| | | | | | 25 × 30 | 2.25 | 25 × 40 | 2.75 | | | |
| | | | | | 30 × 25 | 2.30 | 30 × 30 | 2.70 | | | |
| | | | | | | | 35 × 25 | 2.75 | | | |
| 15000 | 22 × 30 | 1.70 | 22 × 30 | 1.90 | 22 × 40 | 2.55 | 25 × 45 | 3.15 | | | |
| | 25 × 25 | 1.70 | 25 × 25 | 1.90 | 25 × 35 | 2.60 | 30 × 35 | 3.15 | | | |
| | | | | | 30 × 30 | 2.60 | 35 × 30 | 3.25 | | | |
| | | | | | 35 × 25 | 2.65 | | | | | |
| 18000 | 22 × 30 | 1.95 | 22 × 35 | 2.20 | 22 × 45 | 2.90 | 25 × 50 | 3.55 | | | |
| | 25 × 25 | 1.95 | 25 × 30 | 2.25 | 25 × 40 | 2.90 | 30 × 40 | 3.55 | | | |
| | | | | | 30 × 30 | 2.90 | 35 × 35 | 3.55 | | | |
| | | | | | 35 × 25 | 2.95 | | | | | |
| 22000 | 22 × 35 | 2.25 | 22 × 40 | 2.50 | 25 × 45 | 3.30 | 30 × 45 | 4.05 | | | |
| | 25 × 30 | 2.25 | 25 × 35 | 2.55 | 30 × 35 | 3.30 | 35 × 35 | 3.80 | | | |
| | 30 × 25 | 2.25 | 30 × 25 | 2.45 | 35 × 30 | 3.30 | | | | | |
| 27000 | 22 × 40 | 2.55 | 22 × 50 | 2.95 | 25 × 50 | 3.80 | 35 x 45 | 4.70 | | | |
| | 25 × 35 | 2.55 | 25 × 40 | 2.90 | 30 × 40 | 3.75 | | | | | |
| | 30 × 30 | 2.55 | 30 × 30 | 2.85 | 35 × 30 | 3.75 | | | | | |
| | 35 × 25 | 2.55 | 35 × 25 | 2.80 | | | | | | | |
| 33000 | 22 × 45 | 2.90 | 25 × 45 | 3.30 | 30 × 45 | 4.30 | 35 × 50 | 5.40 | | | |
| | 25 × 40 | 2.95 | 30 × 35 | 3.30 | 35 × 35 | 4.25 | | | | | |
| | 30 × 30 | 2.90 | 35 × 30 | 3.30 | | | | | | | |
| | 35 × 25 | 2.95 | | | | | | | | | |
| 39000 | 25 × 50 | 3.25 | 25 × 50 | 3.70 | 30 × 50 | 4.80 | | | | | |
| | 30 × 35 | 3.25 | 30 × 40 | 3.70 | 35 × 40 | 4.80 | | | | | |
| | 35 × 30 | 3.30 | 35 × 30 | 3.65 | | | | | | | |
| 47000 | 25 × 50 | 3.70 | 30 × 45 | 4.20 | 35 × 45 | 5.45 | | | | | |
| | 30 × 40 | 3.70 | 35 × 35 | 3.80 | | | | | | | |
| 56000 | 30 × 45 | 4.15 | 30 × 50 | 4.65 | | | | | | | |
| | 35 × 35 | 4.10 | 35 × 40 | 4.65 | | | | | | | |
| 68000 | 30 × 50 | 4.70 | 35 × 50 | 5.50 | | | | | | | |
| | 35 × 40 | 4.70 | | | | | | | | | |
| 82000 | 35 × 45 | 5.30 | | | | | | | | | |

| CAP. (µF) | RATED VOLTAGE W V (SURGE VOLTAGE W V) | | | | | | | | | |
|-----------|---------------------------------------|--------|-----------------|--------|-----------------|--------|------------------|--------|--|--|
| | 35 (44) SIZE | RIPPLE | 50 (63) SIZE | RIPPLE | 63 (79) SIZE | RIPPLE | 80 (100) SIZE | RIPPLE | | |
| 320 | | | | | | | 22 × 25 | 1.10 | | |
| 1000 | | | | | | | 22 × 30 | 1.20 | | |
| | | | | | | | 25 × 25 | 1.20 | | |
| 1200 | | | | | 22 × 25 | 1.20 | 22 × 30 | 1.40 | | |
| | | | | | | | 25 × 25 | 1.40 | | |
| 1500 | | | | | 22 × 30 | 1.30 | 22 × 35 | 1.60 | | |
| | | | | | 25 × 25 | 1.30 | 25 × 30 | 1.60 | | |
| | | | | | | | 30 × 25 | 1.65 | | |
| 1800 | | | 22 × 25 | 1.30 | 22 × 30 | 1.50 | 22 × 40 | 1.80 | | |
| | | | | | 25 × 25 | 1.50 | 25 × 35 | 1.85 | | |
| | | | | | | | 30 × 25 | 1.80 | | |
| 2200 | | | 22 × 30 | 1.55 | 22 × 35 | 1.70 | 22 × 45 | 2.05 | | |
| | | | 25 × 25 | 1.55 | 25 × 30 | 1.75 | 25 × 35 | 2.00 | | |
| | | | | | 30 × 25 | 1.80 | 30 × 30 | 2.05 | | |
| | | | | | | | 35 × 25 | 2.05 | | |
| 2700 | | | 22 × 30 | 1.70 | 22 × 40 | 2.00 | 25 × 45 | 2.35 | | |
| | | | 25 × 25 | 1.70 | 25 × 35 | 2.00 | 30 × 35 | 2.35 | | |
| | | | | | 30 × 25 | 1.95 | 35 × 30 | 2.35 | | |
| 3300 | 22 × 25 | 1.40 | 22 × 35 | 1.95 | 22 × 50 | 2.30 | 25 × 50 | 2.70 | | |
| | | | 25 × 30 | 1.85 | 25 × 40 | 2.30 | 30 × 40 | 2.70 | | |
| | | | | | 30 × 30 | 2.25 | 35 × 30 | 2.55 | | |
| | | | | | 35 × 25 | 2.10 | | | | |
| 3900 | 22 × 30 | 1.55 | 22 × 40 | 2.15 | 25 × 45 | 2.55 | 30 × 45 | 3.00 | | |
| | 25 × 25 | 1.55 | 25 × 35 | 2.20 | 30 × 35 | 2.55 | 35 × 35 | 3.00 | | |
| | | | 30 × 25 | 1.95 | 35 × 30 | 2.55 | | | | |
| 1700 | 22 × 35 | 1.80 | 22 × 45 | 2.45 | 25 × 50 | 2.85 | 30 × 50 | 3.40 | | |
| | 25 × 25 | 1.80 | 25 × 40 | 2.45 | 30 × 40 | 2.85 | 35 × 40 | 3.40 | | |
| | | | 30 × 30 | 2.45 | 35 × 30 | 2.80 | | | | |
| | | | 35 × 25 | 2.50 | | | | | | |

 $D \times L: mm$

| CAP. (µF) | RATED VOLTAGE W V (SURGE VOLTAGE W V) | | | | | | | | | | |
|-----------|---------------------------------------|--------|-----------------|--------|-----------------|--------|------------------|--------|--|--|--|
| | 35 (44) SIZE | RIPPLE | 50 (63) SIZE | RIPPLE | 63 (79) SIZE | RIPPLE | 80 (100) SIZE | RIPPLE | | | |
| 5600 | 22 × 35 | 19.5 | 22 × 50 | 2.75 | 30 × 45 | 3.20 | 35 × 45 | 3.80 | | | |
| | 25 × 30 | 1.95 | 25 × 40 | 2.70 | 35 × 35 | 3.20 | | | | | |
| | 30 × 25 | 2.00 | 30 × 35 | 2.75 | | | | | | | |
| | | | 35 × 30 | 2.75 | | | | | | | |
| 6800 | 22 × 40 | 2.20 | 25 × 50 | 3.30 | 30 × 50 | 3.65 | 35 × 50 | 3.90 | | | |
| | 25 × 35 | 2.25 | 30 × 40 | 3.30 | 35 × 40 | 3.65 | | | | | |
| | 30 × 30 | 2.30 | 35 × 30 | 3.25 | | | | | | | |
| | 35 × 25 | 2.35 | | | | | | | | | |
| 8200 | 22 × 50 | 2.55 | 30 × 45 | 3.60 | 35 × 45 | 3.90 | 35 × 60 | 4.00 | | | |
| | 25 × 40 | 2.50 | 35 × 35 | 3.55 | | | | | | | |
| | 30 × 30 | 2.75 | | | | | | | | | |
| | 35 × 25 | 2.75 | | | | | | | | | |
| 10000 | 25 × 45 | 2.85 | 30 × 50 | 4.05 | 35 × 50 | 4.40 | | | | | |
| | 30 × 35 | 2.90 | 35 × 50 | 4.05 | | | | | | | |
| | 35 × 30 | 2.95 | 35 × 40 | 4.00 | | | | | | | |
| 12000 | 25 × 50 | 3.25 | 35 × 45 | 4.55 | | | | | | | |
| | 30 × 40 | 3.25 | | | | | | | | | |
| | 35 × 30 | 3.15 | | | | | | | | | |
| 15000 | 30 × 45 | 3.70 | | | | | | | | | |
| | 35 × 35 | 3.65 | | | | | | | | | |
| 18000 | 35 × 40 | 4.35 | | | | | | | | | |
| 22000 | 35 × 50 | 4.90 | | | | | | | | | |
| | | | | | | | | | | | |

| CAP. (µF) | RATED VOLTAGE W V (SURGE VOLTAGE W V) | | | | | | | | | | |
|-----------|---------------------------------------|--------|-------------------|--------|-------------------|--------|-------------------|--------|--|--|--|
| | 100 (125) SIZE | RIPPLE | 160 (200) SIZE | RIPPLE | 180 (225) SIZE | RIPPLE | 200 (250) SIZE | RIPPLE | | | |
| 150 | | | | | | | 22 × 20 | 0.65 | | | |
| 180 | | | | | 22 × 20 | 0.75 | 22 × 20 | 0.70 | | | |
| 220 | | | 22 × 20 | 0.80 | 22 × 25 | 0.85 | 22 × 25 | 0.80 | | | |
| | | | | | | | 25 × 20 | 0.80 | | | |
| 270 | | | 22 × 25 | 1.00 | 22 × 25 | 0.95 | 22 × 25 | 0.85 | | | |
| | | | | | 25 × 20 | 0.90 | 25 × 25 | 0.85 | | | |
| 330 | | | 22 × 25 | 1.20 | 22 × 25 | 1.20 | 22 × 30 | 1.20 | | | |
| | | | 25 × 20 | 1.15 | 22 × 30 | 1.10 | 25 × 25 | 1.20 | | | |
| | | | | | 25 × 25 | 1.10 | | | | | |
| 390 | | | 22 × 30 | 1.30 | 22 × 30 | 1.30 | 22 × 30 | 1.30 | | | |
| | | | 25 × 25 | 1.30 | 25 × 25 | 1.30 | 22 × 35 | 1.30 | | | |
| | | | | | | | 25 × 30 | 1.30 | | | |
| | | | | | | | 30 × 25 | 1.30 | | | |
| 170 | | | 22 × 30 | 1.30 | 22 × 30 | 1.30 | 22 × 35 | 1.40 | | | |
| | | | 22 × 35 | 1.40 | 22 × 35 | 1.35 | 22 × 40 | 1.40 | | | |
| | | | 25 × 25 | 1.40 | 25 × 30 | 1.40 | 25 × 30 | 1.40 | | | |
| | | | | | 30 × 25 | 1.40 | 30 × 25 | 1.50 | | | |
| 560 | 22 × 25 | 1.05 | 22 × 40 | 1.50 | 22 × 40 | 1.50 | 22 × 45 | 1.55 | | | |
| | | | 25 × 30 | 1.50 | 25 × 35 | 1.55 | 25 × 35 | 1.55 | | | |
| | | | 30 × 25 | 1.50 | 30 × 25 | 1.50 | 30 × 30 | 1.55 | | | |
| 680 | 22 × 25 | 1.20 | 22 × 45 | 1.70 | 22 × 45 | 1.70 | 22 × 50 | 1.75 | | | |
| | | | 25 × 35 | 1.70 | 22 × 50 | 1.70 | 25 × 40 | 1.75 | | | |
| | | | 30 × 25 | 1.70 | 25 × 35 | 1.70 | 30 × 30 | 1.75 | | | |
| | | | | | 25 × 40 | 1.75 | 35 × 25 | 1.70 | | | |
| | | | | | 30 × 30 | 1.70 | | | | | |
| | | | | | 35 × 25 | 1.70 | | | | | |
| 320 | 22 × 30 | 1.30 | 22 × 50 | 1.95 | 22 × 50 | 1.95 | 25 × 50 | 2.05 | | | |
| | 25 × 25 | 1.33 | 25 × 40 | 2.00 | 25 × 40 | 2.00 | 30 × 35 | 2.00 | | | |
| | | | 30 × 30 | 2.00 | 25 × 45 | 2.00 | 35 × 30 | 2.05 | | | |
| | | | 35 × 25 | 1.90 | 30 × 35 | 2.00 | | | | | |
| | | | | | 35 × 25 | 1.90 | | | | | |

 $D \times L: mm$

| CAP. (µF) | RATED VOLTAGE W V (SURGE VOLTAGE W V) | | | | | | | | | | |
|-----------|---------------------------------------|--------|-------------------|--------|-------------------|--------|-------------------|--------|--|--|--|
| | 100 (125) SIZE | RIPPLE | 160 (200) SIZE | RIPPLE | 180 (225) SIZE | RIPPLE | 200 (250) SIZE | RIPPLE | | | |
| 1000 | 22 × 35 | 1.50 | 25 × 45 | 2.20 | 25 × 45 | 2.20 | 30 × 40 | 2.30 | | | |
| | 25 × 30 | 1.50 | 30 × 35 | 2.20 | 25 × 50 | 2.20 | 30 × 45 | 2.30 | | | |
| | | | 35 × 30 | 2.20 | 30 × 35 | 2.25 | 35 × 30 | 2.30 | | | |
| | | | | | 30 × 40 | 2.25 | 35 × 35 | 2.30 | | | |
| | | | | | 35 × 30 | 2.25 | | | | | |
| 1200 | 22 × 40 | 1.70 | 25 × 50 | 2.45 | 25 × 50 | 2.45 | 30 × 50 | 2.60 | | | |
| | 25 × 35 | 1.70 | 30 × 40 | 2.45 | 30 × 40 | 2.45 | 35 × 40 | 2.65 | | | |
| | 30 × 25 | 1.70 | 35 × 30 | 2.45 | 30 × 45 | 2.50 | | | | | |
| | | | | | 35 × 35 | 2.50 | | | | | |
| 1500 | 22 × 45 | 1.95 | 30 × 45 | 2.80 | 30 × 45 | 2.80 | 35 × 45 | 3.10 | | | |
| | 25 × 40 | 2.00 | 35 × 35 | 2.80 | 30 × 50 | 2.90 | | | | | |
| | 30 × 30 | 1.95 | | | 35 × 40 | 2.90 | | | | | |
| | 35 × 25 | 2.00 | | | | | | | | | |
| 1800 | 25 × 45 | 2.20 | 30 × 50 | 3.30 | 30 × 50 | 3.30 | 35 × 50 | 3.15 | | | |
| | 30 × 35 | 2.50 | 35 × 45 | 3.30 | 35 × 50 | 3.30 | | | | | |
| | 35 × 30 | 2.45 | | | | | | | | | |
| 2200 | 25 × 50 | 2.55 | 35 × 50 | 3.75 | 35 × 50 | 3.60 | 35 × 50 | 4.80 | | | |
| | 30 × 40 | 2.70 | | | | | | | | | |
| | 35 × 30 | 2.55 | | | | | | | | | |
| 2700 | 30 × 45 | 2.90 | | | | | | | | | |
| | 35 × 35 | 2.85 | | | | | | | | | |
| 3300 | 30 × 50 | 3.25 | | | | | | | | | |
| | 35 × 40 | 3.25 | | | | | | | | | |
| 3900 | 35 × 45 | 3.70 | | | | | | | | | |
| 4700 | 35 × 50 | 3.80 | | | | | | | | | |

| CAP. (µF) | RATED VOLTAGE W V (SURGE VOLTAGE W V) | | | | | | | | | | |
|----------------|---------------------------------------|--------|-------------------|--------|-------------------|--------|-------------------|--------|-------------------|--------|--|
| | 250 (300) SIZE | RIPPLE | 350 (400) SIZE | RIPPLE | 400 (450) SIZE | RIPPLE | 420 (470) SIZE | RIPPLE | 450 (500) SIZE | RIPPLE | |
| 1 7 | | | | | 22 × 20 | 0.35 | | | 22 × 25 | 0.38 | |
| 56 | | | 22 × 20 | 0.40 | 22 × 20 | 0.40 | | | 22 × 25 | 0.40 | |
| 68 | | | 22 × 25 | 0.45 | 22 × 25 | 0.50 | | | 22 × 30 | 0.50 | |
| | | | | | 25 × 20 | 0.50 | | | 25 × 25 | 0.50 | |
| 32 | | | 22 × 25 | 0.55 | 22 × 25 | 0.52 | | | 22 × 30 | 0.52 | |
| | | | 25 × 20 | 0.50 | 22 × 30 | 0.60 | | | 22 × 35 | 0.55 | |
| | | | | | 25 × 25 | 0.65 | | | 25 × 30 | 0.55 | |
| | | | | | | | | | 30 × 25 | 0.55 | |
| 100 | 22 × 25 | 0.56 | 22 × 30 | 0.70 | 22 × 30 | 0.60 | | | 22 × 30 | 0.55 | |
| | | | 25 × 25 | 0.70 | 22 × 35 | 0.65 | | | 22 × 40 | 0.65 | |
| | | | | | 25 × 25 | 0.65 | | | 25 × 30 | 0.60 | |
| | | | | | 25 × 30 | 0.65 | | | 30 × 25 | 0.65 | |
| 120 | 22 × 20 | 0.60 | 22 × 35 | 0.75 | 22 × 35 | 0.70 | | | 22 × 35 | 0.60 | |
| | | | 25 × 30 | 0.75 | 25 × 30 | 0.70 | | | 22 × 45 | 0.70 | |
| | | | 30 × 25 | 0.75 | 30 × 25 | 0.75 | | | 25 × 35 | 0.70 | |
| | | | | | | | | | 30 × 30 | 0.70 | |
| | | | | | | | | | 35 × 25 | 0.70 | |
| 150 | 22 × 25 | 0.65 | 22 × 40 | 0.80 | 22 × 35 | 0.72 | 22 × 35 | 0.58 | 22 × 40 | 0.68 | |
| | | | 25 × 30 | 0.80 | 22 × 40 | 0.80 | 22 × 40 | 0.65 | 22 × 50 | 0.80 | |
| | | | 30 × 25 | 0.85 | 25 × 30 | 0.85 | 25 × 30 | 0.70 | 25 × 40 | 0.80 | |
| | | | | | 25 × 35 | 0.85 | | | 30 × 30 | 0.75 | |
| | | | | | 30 × 30 | 0.85 | | | 35 × 25 | 0.75 | |
| | | | | | 35 × 25 | 0.80 | | | | | |
| 180 | 22 × 25 | 0.80 | 22 × 45 | 0.90 | 22 × 40 | 0.81 | 22 × 40 | 0.68 | 22 × 45 | 0.75 | |
| | | | | | 22 × 50 | 0.95 | 25 × 35 | 0.68 | 25 × 45 | 0.85 | |
| | 25 × 20 | 0.75 | 25 × 35 | 0.90 | 25 × 40 | 0.95 | | | 30 × 35 | 0.85 | |
| | | | 30 × 30 | 0.90 | 30 × 30 | 0.90 | | | 35 × 30 | 0.85 | |
| 220 | 22 × 30 | 0.95 | 22 × 50 | 1.05 | 25 × 45 | 1.05 | 25 × 40 | 0.85 | 22 × 50 | 0.85 | |
| | 25 × 25 | 0.95 | 25 × 40 | 1.05 | 30 × 30 | 1.05 | 25 × 45 | 0.95 | 25 × 50 | 1.00 | |
| | | | 30 × 30 | 1.00 | 30 × 35 | 1.05 | 30 × 40 | 0.95 | 30 × 40 | 1.00 | |
| | | | 35 × 25 | 1.05 | 35 × 30 | 1.10 | | | 35 × 30 | 1.00 | |

D x L: mm

| CAP. (µF) | RATED VOLTAGE W V (SURGE VOLTAGE W V) | | | | | | | | | | | |
|-----------|---------------------------------------|--------|-------------------|--------|-------------------|--------|-------------------|--------|-------------------|--------|--|--|
| | 250 (300) SIZE | RIPPLE | 350 (400) SIZE | RIPPLE | 400 (450) SIZE | RIPPLE | 420 (470) SIZE | RIPPLE | 450 (500) SIZE | RIPPLE | | |
| 270 | 22 × 35 | 1.15 | 25 × 45 | 1.20 | 22 × 45 | 1.10 | 25 × 45 | 1.05 | 25 × 50 | 1.05 | | |
| | 25 × 30 | 1.15 | 30 × 35 | 1.20 | 25 × 50 | 1.20 | 30 × 40 | 1.05 | 30 × 45 | 1.15 | | |
| | 30 × 25 | 1.15 | 35 × 30 | 1.20 | 30 × 40 | 1.20 | 35 × 30 | 1.05 | 35 × 35 | 1.15 | | |
| | | | | | 35 × 35 | 1.20 | | | | | | |
| 330 | 22 × 40 | 1.25 | 30 × 40 | 1.35 | 25 × 50 | 1.25 | 25 × 50 | 1.15 | 30 × 45 | 1.25 | | |
| | 25 × 30 | 1.20 | 30 × 45 | 1.35 | 30 × 45 | 1.40 | 30 × 40 | 1.15 | 30 × 50 | 1.40 | | |
| | 30 × 25 | 1.25 | 35 × 35 | 1.35 | 35 × 35 | 1.35 | 35 × 35 | 1.15 | 35 × 40 | 1.40 | | |
| 390 | 22 × 45 | 1.50 | 30 × 45 | 1.50 | 30 × 45 | 1.42 | 30 × 45 | 1.25 | 30 × 50 | 1.40 | | |
| | 25 × 35 | 1.50 | 35 × 35 | 1.50 | 30 × 50 | 1.55 | | | 35 × 45 | 1.55 | | |
| | 30 × 30 | 1.50 | | | 35 × 40 | 1.55 | | | | | | |
| 470 | 22 × 50 | 1.55 | 35 × 40 | 1.70 | 30 × 45 | 1.45 | 30 × 50 | 1.40 | 35 × 40 | 1.47 | | |
| | 25 × 40 | 1.55 | | | 30 × 50 | 1.75 | 35 × 40 | 1.35 | 35 × 45 | 1.68 | | |
| | 30 × 30 | 1.55 | | | 35 × 40 | 1.65 | | | 35 × 50 | 1.70 | | |
| | 35 × 25 | 1.55 | | | 35 × 45 | 1.75 | | | | | | |
| | | | | | 35 × 50 | 1.75 | _ | | | | | |
| 560 | 25 × 45 | 1.80 | 35 × 45 | 1.90 | 30 × 60 | 1.90 | 35 × 45 | 1.65 | 35 × 50 | 1.80 | | |
| | 30 × 35 | 1.80 | | | 35 × 45 | 1.80 | | | 35 × 60 | 2.10 | | |
| | 35 × 30 | 1.80 | | | 35 × 50 | 1.90 | | | | | | |
| 680 | 25 × 50 | 1.95 | 35 × 50 | 2.10 | 35 × 50 | 2.10 | | | | | | |
| | 30 × 40 | 2.00 | | | 35 × 60 | 2.15 | | | | | | |
| | 35 × 35 | 2.00 | | | | | | | | | | |
| 820 | 30 × 45 | 2.15 | | | | | | | | | | |
| | 35 × 35 | 2.10 | | | | | | | | | | |
| 1000 | 30 × 45 | 2.10 | | | | | | | | | | |
| | 35 × 40 | 2.30 | | | | | | | | | | |
| 1500 | 35 × 50 | 3.63 | | | | | | | | | | |