

LGN

Snap-in Terminal Type, 105°C Smaller-Sized



- Withstanding 3000 hours application of rated ripple current at 105°C.
- One rank smaller case sized than LGU.
- Addition of 600V rated voltage.
- Compliant to the RoHS directive (2011/65/EU,(EU)2015/863).



Specifications

| Item | Performance Characteristics | | | | |
|-------------------------------|---|-----------------|------------|---------------------------------------|---|
| Category Temperature Range | - 40 to +105°C (160 to 250V) , - 25 to +105°C (350 to 600V) | | | | |
| Rated Voltage Range | 160 to 600V | | | | |
| Rated Capacitance Range | 56 to 3300µF | | | | |
| Capacitance Tolerance | ±20% at 120Hz, 20°C | | | | |
| Leakage Current | $I \leq 3\sqrt{CV}$ (µA) (After 5 minutes' application of rated voltage at 20°C) [C : Rated Capacitance (µF) V : Voltage (V)] | | | | |
| Tangent of loss angle (tan δ) | Rated voltage (V) | 160 to 420 | 450 to 600 | Measurement frequency : 120Hz at 20°C | |
| | tan δ (MAX.) | 0.15 | 0.20 | | |
| Stability at Low Temperature | Rated voltage (V) | | 160 to 250 | 350 to 600 | Measurement frequency : 120Hz |
| | Impedance ratio ZT/Z20 (MAX.) | Z - 25°C/Z+20°C | 4 | 8 | |
| Endurance | The specifications listed at right shall be met when the capacitors are restored to 20°C after D.C. bias plus rated ripple current is applied for 3000 hours at 105°C, the peak voltage shall not exceed the rated voltage. (2000 hours at 105°C for the parts rated at 600V) | | | Capacitance change | Within ±20% of the initial capacitance value |
| | | | | tan δ | 200% or less than the initial specified value |
| Shelf Life | After storing the capacitors under no load at 105°C for 1000hours and then performing voltage treatment based on JIS C 5101-4 clause 4.1 at 20°C, they shall meet the characteristic requirements listed at right. | | | Capacitance change | Within ±20% of the initial capacitance value |
| | | | | tan δ | 200% or less than the initial specified value |
| Marking | Printed with white color letter on black sleeve. | | | | |

Drawing



※ The other terminal is also available upon request. Please refer page 346 for schematic of dimensions.

Type numbering system (Example : 400V 180µF)



Minimum order quantity : 50pcs.

- Dimension table in next page.



■ Dimensions

| 160V (2C) | | | | |
|-----------|------------------|-------------------------|-------------------------|----------------|
| Cap.(μF) | Size φD×L(mm) | Rated ripple (mArms) | Leakage Current (mA) | Code |
| 330 | 20 × 25 | 1170 | 0.68 | LGN2C331MELY25 |
| 390 | 20 × 25 | 1280 | 0.74 | LGN2C391MELY25 |
| 470 | 20 × 30 | 1400 | 0.82 | LGN2C471MELY30 |
| | 22 × 25 | 1400 | 0.82 | LGN2C471MELZ25 |
| 560 | 20 × 35 | 1500 | 0.89 | LGN2C561MELY35 |
| | 22 × 30 | 1500 | 0.89 | LGN2C561MELZ30 |
| 680 | 20 × 40 | 1700 | 0.98 | LGN2C681MELY40 |
| | 22 × 35 | 1700 | 0.98 | LGN2C681MELZ35 |
| | 25 × 25 | 1700 | 0.98 | LGN2C681MELA25 |
| 820 | 22 × 35 | 2000 | 1.08 | LGN2C821MELZ35 |
| | 25 × 30 | 2000 | 1.08 | LGN2C821MELA30 |
| | 30 × 25 | 2000 | 1.08 | LGN2C821MELB25 |
| 1000 | 22 × 45 | 2200 | 1.20 | LGN2C102MELZ45 |
| | 25 × 35 | 2200 | 1.20 | LGN2C102MELA35 |
| | 30 × 25 | 2200 | 1.20 | LGN2C102MELB25 |
| 1200 | 25 × 40 | 2300 | 1.31 | LGN2C122MELA40 |
| | 30 × 30 | 2300 | 1.31 | LGN2C122MELB30 |
| | 35 × 25 | 2300 | 1.31 | LGN2C122MELC25 |
| 1500 | 25 × 45 | 2500 | 1.46 | LGN2C152MELA45 |
| | 30 × 35 | 2500 | 1.46 | LGN2C152MELB35 |
| | 35 × 30 | 2500 | 1.46 | LGN2C152MELC30 |
| 1800 | 30 × 40 | 2700 | 1.60 | LGN2C182MELB40 |
| | 35 × 35 | 2700 | 1.60 | LGN2C182MELC35 |
| 2200 | 30 × 45 | 2900 | 1.77 | LGN2C222MELB45 |
| | 35 × 35 | 2900 | 1.77 | LGN2C222MELC35 |
| 2700 | 35 × 45 | 3100 | 1.97 | LGN2C272MELC45 |
| 3300 | 35 × 50 | 3300 | 2.17 | LGN2C332MELC50 |

| 180V (2Z) | | | | |
|-----------|------------------|-------------------------|-------------------------|----------------|
| Cap.(μF) | Size φD×L(mm) | Rated ripple (mArms) | Leakage Current (mA) | Code |
| 330 | 20 × 25 | 1200 | 0.73 | LGN2Z331MELY25 |
| 390 | 20 × 30 | 1280 | 0.79 | LGN2Z391MELY30 |
| | 22 × 25 | 1280 | 0.79 | LGN2Z391MELZ25 |
| 470 | 20 × 35 | 1380 | 0.87 | LGN2Z471MELY35 |
| | 22 × 30 | 1380 | 0.87 | LGN2Z471MELZ30 |
| 560 | 20 × 40 | 1500 | 0.95 | LGN2Z561MELY40 |
| | 22 × 30 | 1500 | 0.95 | LGN2Z561MELZ30 |
| | 25 × 25 | 1500 | 0.95 | LGN2Z561MELA25 |
| 680 | 20 × 45 | 1700 | 1.04 | LGN2Z681MELY45 |
| | 22 × 35 | 1700 | 1.04 | LGN2Z681MELZ35 |
| | 25 × 30 | 1700 | 1.04 | LGN2Z681MELA30 |
| 820 | 22 × 40 | 2000 | 1.15 | LGN2Z821MELZ40 |
| | 25 × 35 | 2000 | 1.15 | LGN2Z821MELA35 |
| | 30 × 25 | 2000 | 1.15 | LGN2Z821MELB25 |
| 1000 | 25 × 40 | 2200 | 1.27 | LGN2Z102MELA40 |
| | 30 × 30 | 2200 | 1.27 | LGN2Z102MELB30 |
| | 35 × 25 | 2200 | 1.27 | LGN2Z102MELC25 |
| 1200 | 25 × 45 | 2300 | 1.39 | LGN2Z122MELA45 |
| | 30 × 35 | 2300 | 1.39 | LGN2Z122MELB35 |
| | 35 × 30 | 2300 | 1.39 | LGN2Z122MELC30 |
| 1500 | 25 × 50 | 2500 | 1.55 | LGN2Z152MELA50 |
| | 30 × 40 | 2500 | 1.55 | LGN2Z152MELB40 |
| | 35 × 30 | 2500 | 1.55 | LGN2Z152MELC30 |
| 1800 | 30 × 45 | 2700 | 1.70 | LGN2Z182MELB45 |
| | 35 × 35 | 2700 | 1.70 | LGN2Z182MELC35 |
| | 2200 | 30 × 50 | 2900 | 1.88 |
| 35 × 40 | | 2900 | 1.88 | LGN2Z222MELC40 |
| 2700 | 35 × 50 | 3100 | 2.09 | LGN2Z272MELC50 |

| 200V (2D) | | | | |
|-----------|------------------|-------------------------|-------------------------|----------------|
| Cap.(μF) | Size φD×L(mm) | Rated ripple (mArms) | Leakage Current (mA) | Code |
| 270 | 20 × 25 | 990 | 0.69 | LGN2D271MELY25 |
| 330 | 20 × 30 | 1200 | 0.77 | LGN2D331MELY30 |
| | 22 × 25 | 1200 | 0.77 | LGN2D331MELZ25 |
| 390 | 20 × 30 | 1340 | 0.83 | LGN2D391MELY30 |
| | 22 × 25 | 1310 | 0.83 | LGN2D391MELZ25 |
| 470 | 20 × 35 | 1480 | 0.91 | LGN2D471MELY35 |
| | 22 × 30 | 1480 | 0.91 | LGN2D471MELZ30 |
| | 25 × 25 | 1480 | 0.91 | LGN2D471MELA25 |
| 560 | 20 × 40 | 1600 | 1.00 | LGN2D561MELY40 |
| | 22 × 35 | 1600 | 1.00 | LGN2D561MELZ35 |
| 680 | 22 × 40 | 1750 | 1.10 | LGN2D681MELZ40 |
| | 25 × 30 | 1750 | 1.10 | LGN2D681MELA30 |
| | 30 × 25 | 1750 | 1.10 | LGN2D681MELB25 |
| 820 | 22 × 45 | 2040 | 1.21 | LGN2D821MELZ45 |
| | 25 × 35 | 2040 | 1.21 | LGN2D821MELA35 |
| 1000 | 22 × 50 | 2300 | 1.34 | LGN2D102MELZ50 |
| | 25 × 45 | 2300 | 1.34 | LGN2D102MELA45 |
| | 30 × 30 | 2300 | 1.34 | LGN2D102MELB30 |
| 1200 | 35 × 25 | 2300 | 1.34 | LGN2D102MELC25 |
| | 25 × 50 | 2650 | 1.46 | LGN2D122MELA50 |
| | 30 × 35 | 2650 | 1.46 | LGN2D122MELB35 |
| 1500 | 35 × 30 | 2650 | 1.46 | LGN2D122MELC30 |
| | 30 × 40 | 2800 | 1.64 | LGN2D152MELB40 |
| | 35 × 35 | 2800 | 1.64 | LGN2D152MELC35 |
| 1800 | 30 × 50 | 3080 | 1.80 | LGN2D182MELB50 |
| | 35 × 40 | 3080 | 1.80 | LGN2D182MELC40 |
| 2200 | 35 × 45 | 3480 | 1.98 | LGN2D222MELC45 |

| 220V (2P) | | | | |
|-----------|------------------|-------------------------|-------------------------|----------------|
| Cap.(μF) | Size φD×L(mm) | Rated ripple (mArms) | Leakage Current (mA) | Code |
| 220 | 20 × 25 | 980 | 0.66 | LGN2P221MELY25 |
| 270 | 20 × 30 | 1080 | 0.73 | LGN2P271MELY30 |
| | 22 × 25 | 1080 | 0.73 | LGN2P271MELZ25 |
| 330 | 20 × 35 | 1260 | 0.80 | LGN2P331MELY35 |
| | 22 × 25 | 1260 | 0.80 | LGN2P331MELZ25 |
| 390 | 20 × 35 | 1340 | 0.87 | LGN2P391MELY35 |
| | 22 × 30 | 1340 | 0.87 | LGN2P391MELZ30 |
| | 25 × 25 | 1340 | 0.87 | LGN2P391MELA25 |
| 470 | 20 × 45 | 1480 | 0.96 | LGN2P471MELY45 |
| | 22 × 35 | 1480 | 0.96 | LGN2P471MELZ35 |
| 560 | 22 × 40 | 1610 | 1.05 | LGN2P561MELZ40 |
| | 25 × 35 | 1610 | 1.05 | LGN2P561MELA35 |
| | 30 × 25 | 1610 | 1.05 | LGN2P561MELB25 |
| 680 | 22 × 45 | 1780 | 1.16 | LGN2P681MELZ45 |
| | 25 × 35 | 1780 | 1.16 | LGN2P681MELA35 |
| | 30 × 30 | 1780 | 1.16 | LGN2P681MELB30 |
| 820 | 22 × 50 | 1930 | 1.27 | LGN2P821MELZ50 |
| | 25 × 40 | 1930 | 1.27 | LGN2P821MELA40 |
| | 30 × 35 | 1930 | 1.27 | LGN2P821MELB35 |
| 1000 | 35 × 25 | 1930 | 1.27 | LGN2P821MELC25 |
| | 25 × 50 | 2330 | 1.40 | LGN2P102MELA50 |
| | 30 × 35 | 2330 | 1.40 | LGN2P102MELB35 |
| 1200 | 35 × 30 | 2330 | 1.40 | LGN2P102MELC30 |
| | 30 × 40 | 2500 | 1.54 | LGN2P122MELB40 |
| | 35 × 35 | 2500 | 1.54 | LGN2P122MELC35 |
| 1500 | 30 × 50 | 2760 | 1.72 | LGN2P152MELB50 |
| | 35 × 40 | 2760 | 1.72 | LGN2P152MELC40 |
| 1800 | 35 × 50 | 3110 | 1.88 | LGN2P182MELC50 |

Rated ripple current (mArms) at 105°C 120Hz



■ Dimensions

| 250V (2E) | | | | |
|-----------|------------------|-------------------------|-------------------------|----------------|
| Cap.(μF) | Size φD×L(mm) | Rated ripple (mArms) | Leakage Current (mA) | Code |
| 220 | 22 × 25 | 1000 | 0.70 | LGN2E221MELZ25 |
| 270 | 22 × 25 | 1100 | 0.77 | LGN2E271MELZ25 |
| 330 | 20 × 35 | 1200 | 0.86 | LGN2E331MELY35 |
| | 22 × 30 | 1200 | 0.86 | LGN2E331MELZ30 |
| | 25 × 25 | 1200 | 0.86 | LGN2E331MELA25 |
| 390 | 20 × 40 | 1300 | 0.93 | LGN2E391MELY40 |
| | 22 × 35 | 1300 | 0.93 | LGN2E391MELZ35 |
| | 25 × 30 | 1300 | 0.93 | LGN2E391MELA30 |
| 470 | 22 × 40 | 1400 | 1.02 | LGN2E471MELZ40 |
| | 25 × 35 | 1400 | 1.02 | LGN2E471MELA35 |
| | 30 × 25 | 1400 | 1.02 | LGN2E471MELB25 |
| 560 | 22 × 45 | 1500 | 1.12 | LGN2E561MELZ45 |
| | 25 × 35 | 1500 | 1.12 | LGN2E561MELA35 |
| | 30 × 30 | 1500 | 1.12 | LGN2E561MELB30 |
| 680 | 22 × 50 | 1700 | 1.23 | LGN2E681MELZ50 |
| | 25 × 40 | 1700 | 1.23 | LGN2E681MELA40 |
| | 30 × 30 | 1700 | 1.23 | LGN2E681MELB30 |
| | 35 × 25 | 1700 | 1.23 | LGN2E681MELC25 |
| 820 | 25 × 45 | 2000 | 1.35 | LGN2E821MELA45 |
| | 30 × 35 | 2000 | 1.35 | LGN2E821MELB35 |
| | 35 × 30 | 2000 | 1.35 | LGN2E821MELC30 |
| 1000 | 30 × 40 | 2200 | 1.50 | LGN2E102MELB40 |
| | 35 × 35 | 2200 | 1.50 | LGN2E102MELC35 |
| 1200 | 30 × 45 | 2300 | 1.64 | LGN2E122MELB45 |
| | 35 × 40 | 2300 | 1.64 | LGN2E122MELC40 |
| 1500 | 35 × 45 | 2500 | 1.83 | LGN2E152MELC45 |
| 1800 | 35 × 50 | 2700 | 2.01 | LGN2E182MELC50 |

| 350V (2V) | | | | |
|-----------|------------------|-------------------------|-------------------------|----------------|
| Cap.(μF) | Size φD×L(mm) | Rated ripple (mArms) | Leakage Current (mA) | Code |
| 120 | 22 × 25 | 750 | 0.61 | LGN2V121MELZ25 |
| 150 | 22 × 30 | 820 | 0.68 | LGN2V151MELZ30 |
| 180 | 22 × 30 | 900 | 0.75 | LGN2V181MELZ30 |
| | 25 × 25 | 900 | 0.75 | LGN2V181MELA25 |
| 220 | 22 × 35 | 1000 | 0.83 | LGN2V221MELZ35 |
| | 25 × 30 | 1000 | 0.83 | LGN2V221MELA30 |
| 270 | 22 × 40 | 1100 | 0.92 | LGN2V271MELZ40 |
| | 25 × 35 | 1100 | 0.92 | LGN2V271MELA35 |
| | 30 × 25 | 1100 | 0.92 | LGN2V271MELB25 |
| 330 | 22 × 45 | 1200 | 1.01 | LGN2V331MELZ45 |
| | 25 × 40 | 1200 | 1.01 | LGN2V331MELA40 |
| | 30 × 30 | 1200 | 1.01 | LGN2V331MELB30 |
| 390 | 25 × 45 | 1300 | 1.10 | LGN2V391MELA45 |
| | 30 × 35 | 1300 | 1.10 | LGN2V391MELB35 |
| 470 | 25 × 50 | 1400 | 1.21 | LGN2V471MELA50 |
| | 30 × 40 | 1400 | 1.21 | LGN2V471MELB40 |
| | 35 × 30 | 1400 | 1.21 | LGN2V471MELC30 |
| 560 | 30 × 45 | 1500 | 1.32 | LGN2V561MELB45 |
| | 35 × 35 | 1500 | 1.32 | LGN2V561MELC35 |
| 680 | 30 × 50 | 1700 | 1.46 | LGN2V681MELB50 |
| | 35 × 40 | 1700 | 1.46 | LGN2V681MELC40 |
| 820 | 35 × 45 | 1900 | 1.60 | LGN2V821MELC45 |

| 400V (2G) | | | | |
|-----------|------------------|-------------------------|-------------------------|----------------|
| Cap.(μF) | Size φD×L(mm) | Rated ripple (mArms) | Leakage Current (mA) | Code |
| 68 | 20 × 25 | 490 | 0.49 | LGN2G680MELY25 |
| 82 | 20 × 30 | 640 | 0.54 | LGN2G820MELY30 |
| 100 | 20 × 30 | 680 | 0.60 | LGN2G101MELY30 |
| | 22 × 25 | 680 | 0.60 | LGN2G101MELZ25 |
| 120 | 20 × 35 | 730 | 0.65 | LGN2G121MELY35 |
| | 22 × 30 | 730 | 0.65 | LGN2G121MELZ30 |
| 150 | 20 × 40 | 850 | 0.73 | LGN2G151MELY40 |
| | 22 × 35 | 850 | 0.73 | LGN2G151MELZ35 |
| 180 | 22 × 35 | 950 | 0.80 | LGN2G181MELZ35 |
| | 25 × 30 | 950 | 0.80 | LGN2G181MELA30 |
| | 30 × 25 | 950 | 0.80 | LGN2G181MELB25 |
| 220 | 22 × 45 | 1100 | 0.88 | LGN2G221MELZ45 |
| | 25 × 35 | 1100 | 0.88 | LGN2G221MELA35 |
| | 30 × 25 | 1100 | 0.88 | LGN2G221MELB25 |
| 270 | 22 × 50 | 1220 | 0.98 | LGN2G271MELZ50 |
| | 25 × 40 | 1220 | 0.98 | LGN2G271MELA40 |
| | 30 × 30 | 1220 | 0.98 | LGN2G271MELB30 |
| | 35 × 25 | 1220 | 0.98 | LGN2G271MELC25 |
| 330 | 25 × 45 | 1440 | 1.08 | LGN2G331MELA45 |
| | 30 × 35 | 1440 | 1.08 | LGN2G331MELB35 |
| 390 | 25 × 50 | 1550 | 1.18 | LGN2G391MELA50 |
| | 30 × 40 | 1550 | 1.18 | LGN2G391MELB40 |
| | 35 × 30 | 1550 | 1.18 | LGN2G391MELC30 |
| 470 | 30 × 45 | 1680 | 1.30 | LGN2G471MELB45 |
| | 35 × 35 | 1680 | 1.30 | LGN2G471MELC35 |
| 560 | 30 × 50 | 1900 | 1.41 | LGN2G561MELB50 |
| | 35 × 40 | 1900 | 1.41 | LGN2G561MELC40 |
| 680 | 35 × 45 | 2120 | 1.56 | LGN2G681MELC45 |

| 420V (W6) | | | | |
|-----------|------------------|-------------------------|-------------------------|----------------|
| Cap.(μF) | Size φD×L(mm) | Rated ripple (mArms) | Leakage Current (mA) | Code |
| 68 | 20 × 25 | 500 | 0.50 | LGNW6680MELY25 |
| 82 | 20 × 25 | 640 | 0.55 | LGNW6820MELY25 |
| 100 | 20 × 30 | 660 | 0.61 | LGNW6101MELY30 |
| | 22 × 25 | 660 | 0.61 | LGNW6101MELZ25 |
| 120 | 20 × 35 | 810 | 0.67 | LGNW6121MELY35 |
| | 22 × 30 | 810 | 0.67 | LGNW6121MELZ30 |
| | 25 × 25 | 810 | 0.67 | LGNW6121MELA25 |
| 150 | 20 × 40 | 840 | 0.75 | LGNW6151MELY40 |
| | 22 × 35 | 840 | 0.75 | LGNW6151MELZ35 |
| | 25 × 30 | 840 | 0.75 | LGNW6151MELA30 |
| 180 | 20 × 45 | 910 | 0.82 | LGNW6181MELY45 |
| | 22 × 40 | 910 | 0.82 | LGNW6181MELZ40 |
| | 25 × 30 | 910 | 0.82 | LGNW6181MELA30 |
| | 30 × 25 | 910 | 0.82 | LGNW6181MELB25 |
| 220 | 22 × 45 | 1050 | 0.91 | LGNW6221MELZ45 |
| | 25 × 35 | 1050 | 0.91 | LGNW6221MELA35 |
| | 30 × 30 | 1050 | 0.91 | LGNW6221MELB30 |
| 270 | 25 × 40 | 1250 | 1.01 | LGNW6271MELA40 |
| | 30 × 30 | 1250 | 1.01 | LGNW6271MELB30 |
| | 35 × 25 | 1250 | 1.01 | LGNW6271MELC25 |
| 330 | 25 × 50 | 1420 | 1.11 | LGNW6331MELA50 |
| | 30 × 35 | 1420 | 1.11 | LGNW6331MELB35 |
| | 35 × 30 | 1420 | 1.11 | LGNW6331MELC30 |
| 390 | 30 × 40 | 1610 | 1.21 | LGNW6391MELB40 |
| | 35 × 35 | 1610 | 1.21 | LGNW6391MELC35 |
| 470 | 30 × 45 | 1860 | 1.33 | LGNW6471MELB45 |
| | 35 × 40 | 1860 | 1.33 | LGNW6471MELC40 |
| 560 | 35 × 45 | 2100 | 1.45 | LGNW6561MELC45 |
| 680 | 35 × 50 | 2200 | 1.60 | LGNW6681MELC50 |



■ Dimensions

| 450V (2W) | | | | |
|-----------|------------------|-------------------------|-------------------------|----------------|
| Cap.(μF) | Size φD×L(mm) | Rated ripple (mArms) | Leakage Current (mA) | Code |
| 56 | 20 × 25 | 440 | 0.47 | LGN2W560MELY25 |
| 68 | 20 × 25 | 500 | 0.52 | LGN2W680MELY25 |
| 82 | 20 × 30 | 640 | 0.57 | LGN2W820MELY30 |
| | 22 × 25 | 640 | 0.57 | LGN2W820MELZ25 |
| 100 | 20 × 35 | 690 | 0.63 | LGN2W101MELY35 |
| | 22 × 30 | 690 | 0.63 | LGN2W101MELZ30 |
| | 25 × 25 | 690 | 0.63 | LGN2W101MELA25 |
| 120 | 22 × 35 | 720 | 0.69 | LGN2W121MELZ35 |
| | 25 × 30 | 720 | 0.69 | LGN2W121MELA30 |
| 150 | 20 × 45 | 790 | 0.77 | LGN2W151MELY45 |
| | 22 × 40 | 790 | 0.77 | LGN2W151MELZ40 |
| | 25 × 30 | 790 | 0.77 | LGN2W151MELA30 |
| | 30 × 25 | 790 | 0.77 | LGN2W151MELB25 |
| 180 | 22 × 45 | 870 | 0.85 | LGN2W181MELZ45 |
| | 25 × 35 | 870 | 0.85 | LGN2W181MELA35 |
| | 30 × 30 | 870 | 0.85 | LGN2W181MELB30 |
| 220 | 25 × 40 | 1050 | 0.94 | LGN2W221MELA40 |
| | 30 × 30 | 1050 | 0.94 | LGN2W221MELB30 |
| | 35 × 25 | 1050 | 0.94 | LGN2W221MELC25 |
| 270 | 25 × 50 | 1230 | 1.04 | LGN2W271MELA50 |
| | 30 × 35 | 1230 | 1.04 | LGN2W271MELB35 |
| | 35 × 30 | 1230 | 1.04 | LGN2W271MELC30 |
| 330 | 30 × 40 | 1380 | 1.15 | LGN2W331MELB40 |
| | 35 × 35 | 1380 | 1.15 | LGN2W331MELC35 |
| 390 | 30 × 50 | 1610 | 1.25 | LGN2W391MELB50 |
| | 35 × 40 | 1610 | 1.25 | LGN2W391MELC40 |
| 470 | 35 × 45 | 1780 | 1.37 | LGN2W471MELC45 |
| 560 | 35 × 50 | 1990 | 1.50 | LGN2W561MELC50 |

| 500V (2H) | | | | |
|-----------|------------------|-------------------------|-------------------------|----------------|
| Cap.(μF) | Size φD×L(mm) | Rated ripple (mArms) | Leakage Current (mA) | Code |
| 56 | 22 × 25 | 470 | 0.50 | LGN2H560MELZ25 |
| 68 | 22 × 30 | 520 | 0.55 | LGN2H680MELZ30 |
| | 25 × 25 | 520 | 0.55 | LGN2H680MELA25 |
| 82 | 22 × 35 | 590 | 0.60 | LGN2H820MELZ35 |
| 100 | 22 × 40 | 650 | 0.67 | LGN2H101MELZ40 |
| | 25 × 30 | 650 | 0.67 | LGN2H101MELA30 |
| | 30 × 25 | 650 | 0.67 | LGN2H101MELB25 |
| 120 | 22 × 45 | 680 | 0.73 | LGN2H121MELZ45 |
| | 25 × 35 | 680 | 0.73 | LGN2H121MELA35 |
| | 30 × 30 | 680 | 0.73 | LGN2H121MELB30 |
| 150 | 22 × 50 | 750 | 0.82 | LGN2H151MELZ50 |
| | 25 × 45 | 750 | 0.82 | LGN2H151MELA45 |
| | 35 × 25 | 750 | 0.82 | LGN2H151MELC25 |
| | 25 × 50 | 900 | 0.90 | LGN2H181MELA50 |
| 180 | 30 × 35 | 900 | 0.90 | LGN2H181MELB35 |
| | 35 × 30 | 900 | 0.90 | LGN2H181MELC30 |
| | 30 × 45 | 1020 | 0.99 | LGN2H221MELB45 |
| 220 | 35 × 35 | 1020 | 0.99 | LGN2H221MELC35 |
| | 270 | 30 × 50 | 1120 | 1.10 |
| 35 × 40 | | 1120 | 1.10 | LGN2H271MELC40 |
| 330 | 35 × 45 | 1250 | 1.21 | LGN2H331MELC45 |
| 390 | 35 × 50 | 1300 | 1.32 | LGN2H391MELC50 |

■ Dimensions

| 600V (2X) | | | | |
|-----------|------------------|-------------------------|-------------------------|----------------|
| Cap.(μF) | Size φD×L(mm) | Rated ripple (mArms) | Leakage Current (mA) | Code |
| 56 | 30 × 25 | 500 | 0.55 | LGN2X560MELB25 |
| 68 | 30 × 30 | 560 | 0.61 | LGN2X680MELB30 |
| 82 | 30 × 35 | 610 | 0.67 | LGN2X820MELB35 |
| | 35 × 25 | 610 | 0.67 | LGN2X820MELC25 |
| 100 | 30 × 40 | 670 | 0.73 | LGN2X101MELB40 |
| | 35 × 30 | 670 | 0.73 | LGN2X101MELC30 |
| 120 | 30 × 45 | 740 | 0.80 | LGN2X121MELB45 |
| | 35 × 35 | 740 | 0.80 | LGN2X121MELC35 |
| 150 | 30 × 50 | 830 | 0.90 | LGN2X151MELB50 |
| | 35 × 40 | 830 | 0.90 | LGN2X151MELC40 |
| 180 | 35 × 45 | 900 | 0.99 | LGN2X181MELC45 |
| 220 | 35 × 50 | 1000 | 1.09 | LGN2X221MELC50 |

Rated ripple current (mArms) at 105°C 120Hz

● Frequency coefficient of rated ripple current

| Frequency (Hz) | 50 | 60 | 120 | 300 | 1k | 10k | 50k or more |
|--------------------|------|------|------|------|------|------|-------------|
| coeff. 160 to 250V | 0.81 | 0.85 | 1.00 | 1.17 | 1.32 | 1.45 | 1.50 |
| 350 to 600V | 0.77 | 0.82 | 1.00 | 1.16 | 1.30 | 1.41 | 1.43 |



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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