

## アルミニウム電解コンデンサ ALUMINUM ELECTROLYTIC CAPACITORS

**LGN** 基板自立形・105℃小形品



小形薄形品

LGU

小形化

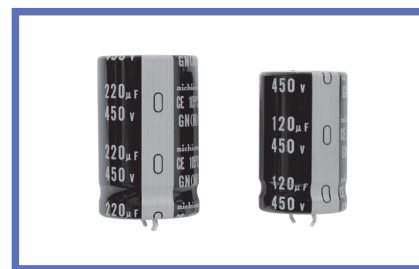
## LGN

高温化

**LHT**

↓ 小形化

**LGG**

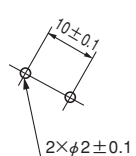
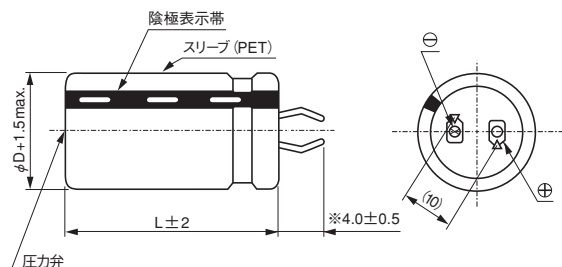


スリーブ色：ブラック

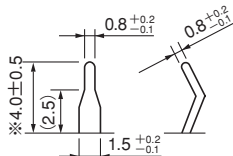
## ■仕様

| 項 目               | 性 能                                                                                   |         |              |           |
|-------------------|---------------------------------------------------------------------------------------|---------|--------------|-----------|
| カテゴリ温度範囲          | －40～＋105℃（160～250V）、－25～＋105℃（350～600V）                                               |         |              |           |
| 定格電圧範囲            | 160～600V                                                                              |         |              |           |
| 定格静電容量範囲          | 56～3300μF                                                                             |         |              |           |
| 定格静電容量許容差         | ±20％（120Hz，20℃）                                                                       |         |              |           |
| 漏れ電流              | 3√C/V（μA）以下（20℃，5分値）〔C：定格静電容量（μF），V：定格電圧（V）〕                                          |         |              |           |
| 損失角の正接<br>（tan δ） | 定格電圧（V）                                                                               | 160～420 | 450～600      | 120Hz 20℃ |
|                   | tan δ（max.）                                                                           | 0.15    | 0.20         |           |
| 温度特性              | 定格電圧（V）                                                                               | 160～250 | 350～600      | 120Hz     |
|                   | インピーダンス比<br>（max.）<br>Z（－25℃）/Z（＋20℃）                                                 | 4       | 8            |           |
| 耐久性               | 105℃ 3000時間（600V定格品は105℃ 2000時間）定格電圧をこえない範囲で規定の定格リプル電流を重畳印加後、20℃に戻し測定を行ったとき、下記項目を満足する |         |              |           |
|                   | 静電容量変化率                                                                               |         | 初期値の±20％以内   |           |
|                   | tan δ                                                                                 |         | 初期規格値の200％以下 |           |
|                   | 漏れ電流                                                                                  |         | 初期規格値以下      |           |
| 高温無負荷特性           | 105℃ 1000時間 無負荷放置後、20℃にてJIS C 5101-4 4.1項による電圧処理を行った後、下記項目を満足する                       |         |              |           |
|                   | 静電容量変化率                                                                               |         | 初期値の±20％以内   |           |
|                   | tan δ                                                                                 |         | 初期規格値の200％以下 |           |
|                   | 漏れ電流                                                                                  |         | 初期規格値以下      |           |
| 表示                | ブラックスリーブに白色表示                                                                         |         |              |           |

### ■寸法図



(基板穴寸法)

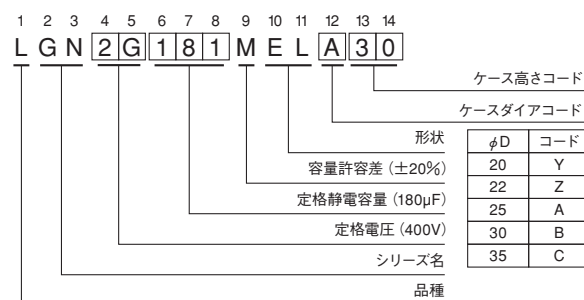


(端子形状)

※その他端子形状についても製作致します。

アルミニウム電解コンデンサ 製品ガイドをご参照ください。

品番コード体系 (例: 400V 180 $\mu$ F)



●寸法表は次頁に掲載しております。

## アルミニウム電解コンデンサ ALUMINUM ELECTROLYTIC CAPACITORS

LGN

## ■寸法表

| 160V (2C)            |                        |                  |              |                |
|----------------------|------------------------|------------------|--------------|----------------|
| 定格静電容量<br>( $\mu$ F) | サイズ<br>$\phi$ D×L (mm) | 定格リプル<br>(mArms) | 漏れ電流<br>(mA) | 品 番            |
| 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)            |                        |                  |              |                |
|----------------------|------------------------|------------------|--------------|----------------|
| 定格静電容量<br>( $\mu$ F) | サイズ<br>$\phi$ D×L (mm) | 定格リプル<br>(mArms) | 漏れ電流<br>(mA) | 品 番            |
| 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         | LGN2Z222MELB50 |
|                      | 35×40                  | 2900             | 1.88         | LGN2Z222MELC40 |
| 2700                 | 35×50                  | 3100             | 2.09         | LGN2Z272MELC50 |

| 200V (2D)            |                        |                  |              |                |
|----------------------|------------------------|------------------|--------------|----------------|
| 定格静電容量<br>( $\mu$ F) | サイズ<br>$\phi$ D×L (mm) | 定格リプル<br>(mArms) | 漏れ電流<br>(mA) | 品 番            |
| 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 |
|                      | 35×25                  | 2300             | 1.34         | LGN2D102MELC25 |
| 1200                 | 25×50                  | 2650             | 1.46         | LGN2D122MELA50 |
|                      | 30×35                  | 2650             | 1.46         | LGN2D122MELB35 |
|                      | 35×30                  | 2650             | 1.46         | LGN2D122MELC30 |
| 1500                 | 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)            |                        |                  |              |                |
|----------------------|------------------------|------------------|--------------|----------------|
| 定格静電容量<br>( $\mu$ F) | サイズ<br>$\phi$ D×L (mm) | 定格リプル<br>(mArms) | 漏れ電流<br>(mA) | 品 番            |
| 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 |
|                      | 35×25                  | 1930             | 1.27         | LGN2P821MELC25 |
| 1000                 | 25×50                  | 2330             | 1.40         | LGN2P102MELA50 |
|                      | 30×35                  | 2330             | 1.40         | LGN2P102MELB35 |
|                      | 35×30                  | 2330             | 1.40         | LGN2P102MELC30 |
| 1200                 | 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 |

定格リプル電流 (mArms) at 105°C 120Hz

## アルミニウム電解コンデンサ ALUMINUM ELECTROLYTIC CAPACITORS

LGN

## ■寸法表

| 250V (2E)            |                        |                  |              |                |
|----------------------|------------------------|------------------|--------------|----------------|
| 定格静電容量<br>( $\mu$ F) | サイズ<br>$\phi$ D×L (mm) | 定格リプル<br>(mArms) | 漏れ電流<br>(mA) | 品 番            |
| 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)            |                        |                  |              |                |
|----------------------|------------------------|------------------|--------------|----------------|
| 定格静電容量<br>( $\mu$ F) | サイズ<br>$\phi$ D×L (mm) | 定格リプル<br>(mArms) | 漏れ電流<br>(mA) | 品 番            |
| 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)            |                        |                  |              |                |
|----------------------|------------------------|------------------|--------------|----------------|
| 定格静電容量<br>( $\mu$ F) | サイズ<br>$\phi$ D×L (mm) | 定格リプル<br>(mArms) | 漏れ電流<br>(mA) | 品 番            |
| 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)            |                        |                  |              |                |
|----------------------|------------------------|------------------|--------------|----------------|
| 定格静電容量<br>( $\mu$ F) | サイズ<br>$\phi$ D×L (mm) | 定格リプル<br>(mArms) | 漏れ電流<br>(mA) | 品 番            |
| 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 |
|                      | 25×40                  | 1250             | 1.01         | LGNW6271MELA40 |
| 270                  | 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 |

定格リプル電流 (mArms) at 105°C 120Hz

## アルミニウム電解コンデンサ ALUMINUM ELECTROLYTIC CAPACITORS

LGN

## ■寸法表

| 450V (2W)            |                        |                  |              |                |
|----------------------|------------------------|------------------|--------------|----------------|
| 定格静電容量<br>( $\mu$ F) | サイズ<br>$\phi$ D×L (mm) | 定格リプル<br>(mArms) | 漏れ電流<br>(mA) | 品 番            |
| 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)            |                        |                  |              |                |
|----------------------|------------------------|------------------|--------------|----------------|
| 定格静電容量<br>( $\mu$ F) | サイズ<br>$\phi$ D×L (mm) | 定格リプル<br>(mArms) | 漏れ電流<br>(mA) | 品 番            |
| 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 |
| 180                  | 25×50                  | 900              | 0.90         | LGN2H181MELA50 |
|                      | 30×35                  | 900              | 0.90         | LGN2H181MELB35 |
|                      | 35×30                  | 900              | 0.90         | LGN2H181MELC30 |
| 220                  | 30×45                  | 1020             | 0.99         | LGN2H221MELB45 |
|                      | 35×35                  | 1020             | 0.99         | LGN2H221MELC35 |
| 270                  | 30×50                  | 1120             | 1.10         | LGN2H271MELB50 |
|                      | 35×40                  | 1120             | 1.10         | LGN2H271MELC40 |
| 330                  | 35×45                  | 1250             | 1.21         | LGN2H331MELC45 |
| 390                  | 35×50                  | 1300             | 1.32         | LGN2H391MELC50 |

## ■寸法表

| 600V (2X)            |                        |                  |              |                |
|----------------------|------------------------|------------------|--------------|----------------|
| 定格静電容量<br>( $\mu$ F) | サイズ<br>$\phi$ D×L (mm) | 定格リプル<br>(mArms) | 漏れ電流<br>(mA) | 品 番            |
| 56                   | 30×25                  | 500              | 0.54         | LGN2X560MELB25 |
| 68                   | 30×30                  | 560              | 0.60         | LGN2X680MELB30 |
| 82                   | 30×35                  | 610              | 0.66         | LGN2X820MELB35 |
|                      | 35×25                  | 610              | 0.66         | 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              | 0.98         | LGN2X181MELC45 |
| 220                  | 35×50                  | 1000             | 1.08         | LGN2X221MELC50 |

定格リプル電流 (mArms) at 105°C 120Hz

## ●定格リプル電流の周波数補正係数

| 周 波 数 (Hz) |          | 50   | 60   | 120  | 300  | 1k   | 10k  | 50k～ |
|------------|----------|------|------|------|------|------|------|------|
| 係 数        | 160～250V | 0.81 | 0.85 | 1.00 | 1.17 | 1.32 | 1.45 | 1.50 |
|            | 350～600V | 0.77 | 0.82 | 1.00 | 1.16 | 1.30 | 1.41 | 1.43 |