



# ELECTROLYTIC CAPACITORS

東信工業株式会社

## ●低インピーダンス品 LWYシリーズ

JIS C 5101  
CE-04

## ●LOW-IMPEDANCE TYPE

TYPE LWY

JIS C 5101  
CE-04

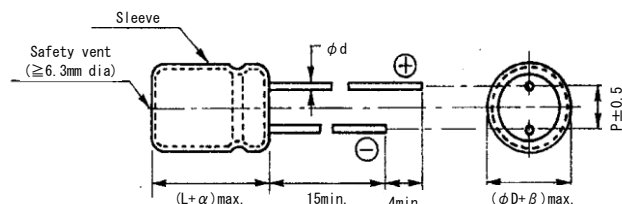
### ■特 徴

- ・高周波超低インピーダンスを実現。
- ・105℃ 6,000～10,000時間を保証。
- ・基板洗浄タイプではありません。

### ■FEATURES

- ・This product is Ultra-low-impedance for high-frequency.
- ・This product is the guaranteed service life of 6,000～10,000 hours at 105℃.
- ・Not washable product.

### ■寸法図/DIAGRAM OF DIMENSIONS



| ΦD | 5   | 6.3 | 8   | 10  | 12.5               |      | 16  | 18  |
|----|-----|-----|-----|-----|--------------------|------|-----|-----|
|    |     |     |     |     | L<35               | L≥35 |     |     |
| F  | 2   | 2.5 | 3.5 | 5.0 | 5.0                | 5.0  | 7.5 | 7.5 |
| φd | 0.5 | 0.5 | 0.6 | 0.6 | 0.6                | 0.8  | 0.8 | 0.8 |
| α  | 1.5 | 1.5 | 1.5 | 1.5 | ≤35L:1.5, ≥40L:2.0 |      | 1.5 | 1.5 |
| β  |     |     |     |     | 0.5                |      |     |     |

### ■性 能/PERFORMANCE SPECIFICATIONS

| 性能/PERFORMANCE SPECIFICATIONS                                    |                                                                                                                 |                                                                                                                                                                                                                                                                                       |      |      |      |      |      |      |      |      |      |                    |                                  |                    |                                                   |                 |                                                   |
|------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------|------|------|------|------|------|------|------|------|--------------------|----------------------------------|--------------------|---------------------------------------------------|-----------------|---------------------------------------------------|
| カテゴリー温度範囲                                                        | CATEGORY TEMPERATURE RANGE                                                                                      | -40 ~ +105℃                                                                                                                                                                                                                                                                           |      |      |      |      |      |      |      |      |      |                    |                                  |                    |                                                   |                 |                                                   |
| 標準静電容量許容差                                                        | STANDARD CAPACITANCE TOLERANCE                                                                                  | -20 ~ +20%                                                                                                                                                                                                                                                                            |      |      |      |      |      |      |      |      |      |                    |                                  |                    |                                                   |                 |                                                   |
| 漏れ電流（最大値）                                                        | LEAKAGE CURRENT(MAX.VALUE)                                                                                      | I=0.01CV OR 3 μ A WHICHEVER C=RATED CAPACITANCE(μ F)<br>IS THE GREATER (after 2 minu V=WORKING VOLTAGE(V)                                                                                                                                                                             |      |      |      |      |      |      |      |      |      |                    |                                  |                    |                                                   |                 |                                                   |
| 損失角の正接（最大値）<br>(tan δ)                                           | DISSIPATION FACTOR(MAX.VALUE)<br>(tan δ)                                                                        | W.V                                                                                                                                                                                                                                                                                   | 6.3  | 10   | 16   | 25   | 35   | 50   | 63   | 80   | 100  |                    |                                  |                    |                                                   |                 |                                                   |
|                                                                  |                                                                                                                 | tan δ                                                                                                                                                                                                                                                                                 | 0.22 | 0.19 | 0.16 | 0.14 | 0.12 | 0.10 | 0.09 | 0.09 | 0.08 |                    |                                  |                    |                                                   |                 |                                                   |
|                                                                  |                                                                                                                 | When the capacitance exceed 1,000 μ F,the value of tan δ is increased by 0.02 for each increment of 1,000 μ F or its fraction.                                                                                                                                                        |      |      |      |      |      |      |      |      |      |                    |                                  |                    |                                                   |                 |                                                   |
| 耐久性<br>105℃ 10,000時間<br>定格使用電圧印加<br>(φD≤6.3: 6000時間, φ8: 8000時間) | ENDURANCE<br>APPLICATION OF RATED OPERATING<br>VOLTAGE,AT 105℃ FOR 10,000HOURS.<br>(φD≤6.3: 6000Hr, φ8: 8000Hr) | <table><tr><td>Capacitance Change</td><td>Within ±25% of the initial value</td></tr><tr><td>Dissipation Factor</td><td>Less than 200% of the initial specification value</td></tr><tr><td>Leakage Current</td><td>Less than the initial specification value</td></tr></table>         |      |      |      |      |      |      |      |      |      | Capacitance Change | Within ±25% of the initial value | Dissipation Factor | Less than 200% of the initial specification value | Leakage Current | Less than the initial specification value         |
| Capacitance Change                                               | Within ±25% of the initial value                                                                                |                                                                                                                                                                                                                                                                                       |      |      |      |      |      |      |      |      |      |                    |                                  |                    |                                                   |                 |                                                   |
| Dissipation Factor                                               | Less than 200% of the initial specification value                                                               |                                                                                                                                                                                                                                                                                       |      |      |      |      |      |      |      |      |      |                    |                                  |                    |                                                   |                 |                                                   |
| Leakage Current                                                  | Less than the initial specification value                                                                       |                                                                                                                                                                                                                                                                                       |      |      |      |      |      |      |      |      |      |                    |                                  |                    |                                                   |                 |                                                   |
| 高温無負荷特性<br>電圧を印加しないで<br>105℃ 1,000時間放置                           | ENDURANCE<br>APPLICATION OF WITHOUT VOLTAGE<br>FOR 1,000HOURS.                                                  | <table><tr><td>Capacitance Change</td><td>Within ±25% of the initial value</td></tr><tr><td>Dissipation Factor</td><td>Less than 200% of the initial specification value</td></tr><tr><td>Leakage Current</td><td>Less than 200% of the initial specification value</td></tr></table> |      |      |      |      |      |      |      |      |      | Capacitance Change | Within ±25% of the initial value | Dissipation Factor | Less than 200% of the initial specification value | Leakage Current | Less than 200% of the initial specification value |
| Capacitance Change                                               | Within ±25% of the initial value                                                                                |                                                                                                                                                                                                                                                                                       |      |      |      |      |      |      |      |      |      |                    |                                  |                    |                                                   |                 |                                                   |
| Dissipation Factor                                               | Less than 200% of the initial specification value                                                               |                                                                                                                                                                                                                                                                                       |      |      |      |      |      |      |      |      |      |                    |                                  |                    |                                                   |                 |                                                   |
| Leakage Current                                                  | Less than 200% of the initial specification value                                                               |                                                                                                                                                                                                                                                                                       |      |      |      |      |      |      |      |      |      |                    |                                  |                    |                                                   |                 |                                                   |
| その他の特性はJIS C 5101-4に準ずる                                          | THE OTHER CHARACTERISTICS                                                                                       | THE OTHER CHARACTERISTICS ARE BASED ON JIS C 5101-4.                                                                                                                                                                                                                                  |      |      |      |      |      |      |      |      |      |                    |                                  |                    |                                                   |                 |                                                   |

### ■定格リップル電流補正係数

リップル周波数が標準品一覧表の規定値と異なる場合には、下表の係数を乗じた値以下でご使用下さい。

When the ripple frequency differs from the spicification shown in the list of standard products, multiply the value with the coefficient shown below, and use the products under the obtained value.

#### 周波数補正係数/FREQUENCY CORRECTION FACTOR

| Cap.( μ F) | Frequency (Hz) |      |      |      |
|------------|----------------|------|------|------|
|            | 120            | 1K   | 10K  | 100K |
| 10～180     | 0.40           | 0.75 | 0.90 | 1.00 |
| 220～560    | 0.50           | 0.85 | 0.94 | 1.00 |
| 680～1800   | 0.60           | 0.87 | 0.95 | 1.00 |
| 2200～3900  | 0.75           | 0.90 | 0.95 | 1.00 |
| 4700～18000 | 0.85           | 0.95 | 0.98 | 1.00 |

### ■品番ご指定法/HOW TO SPECIFY ITEM NUMBER

|     |    |     |   |   |   |                                    |
|-----|----|-----|---|---|---|------------------------------------|
| LWY | 1A | 331 | M | O | E | 11                                 |
|     |    |     |   |   |   | Products length : 11...11L         |
|     |    |     |   |   |   | Products diameter : E...φ6.3       |
|     |    |     |   |   |   | Additional Code : Rubber type      |
|     |    |     |   |   |   | Capacitance tolerance : M...±20%   |
|     |    |     |   |   |   | Capacitance symbol : 331...330 μ F |
|     |    |     |   |   |   | Rated voltage : 1A...10Vdc         |
|     |    |     |   |   |   | Series name : LWY series           |



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## ■寸法表／CASE SIZE TABLE

■Impedance[Max.Value Ω] at 20°C 100kHz

■Ripple Current [Max. value mA] at 105°C 100kHz

| W.V<br>(Vdc) | Cap.<br>(μF) | φ D × L<br>(mm) | Impedance | Ripple<br>Current | Part No.      |
|--------------|--------------|-----------------|-----------|-------------------|---------------|
| 6.3          | 100          | 5 × 11          | 0.650     | 155               | LWY0J101M0D11 |
|              | 150          | 5 × 11          | 0.580     | 210               | LWY0J151M0D11 |
|              | 220          | 6.3 × 11        | 0.400     | 255               | LWY0J221M0E11 |
|              | 330          | 6.3 × 11        | 0.220     | 340               | LWY0J331M0E11 |
|              | 470          | 8 × 11.5        | 0.180     | 400               | LWY0J471MFF11 |
|              | 680          | 8 × 11.5        | 0.130     | 640               | LWY0J681MFF11 |
|              | 820          | 10 × 12.5       | 0.080     | 865               | LWY0J821MFG12 |
|              | 1000         | 8 × 15          | 0.087     | 840               | LWY0J102MFF15 |
|              | 1200         | 8 × 20          | 0.069     | 1050              | LWY0J122MFF20 |
|              | 1200         | 10 × 16         | 0.060     | 1210              | LWY0J122MFG16 |
|              | 1500         | 10 × 20         | 0.046     | 1400              | LWY0J152MFG20 |
|              | 1800         | 12.5 × 16       | 0.049     | 1450              | LWY0J182MFH16 |
|              | 2200         | 10 × 25         | 0.042     | 1650              | LWY0J222MFG25 |
|              | 2700         | 10 × 30         | 0.031     | 1910              | LWY0J272MFG30 |
|              | 3300         | 12.5 × 20       | 0.035     | 1900              | LWY0J332MFH20 |
|              | 3900         | 12.5 × 25       | 0.027     | 2230              | LWY0J392MFH25 |
|              | 4700         | 12.5 × 30       | 0.024     | 2650              | LWY0J472MFH30 |
|              | 5600         | 16 × 20         | 0.027     | 2530              | LWY0J562MFK20 |
|              | 6800         | 16 × 25         | 0.021     | 2930              | LWY0J682MFK25 |
|              | 6800         | 18 × 20         | 0.026     | 2860              | LWY0J682MFM20 |
|              | 8200         | 16 × 31.5       | 0.017     | 3450              | LWY0J822MFK30 |
| 10           | 10000        | 16 × 35.5       | 0.015     | 3610              | LWY0J103MFK35 |
|              | 10000        | 18 × 25         | 0.019     | 3140              | LWY0J103MFM25 |
|              | 12000        | 16 × 40         | 0.013     | 4080              | LWY0J123MFK40 |
|              | 12000        | 18 × 31.5       | 0.015     | 4170              | LWY0J123MFM30 |
|              | 15000        | 18 × 35.5       | 0.014     | 4220              | LWY0J153MFM35 |
|              | 18000        | 18 × 40         | 0.012     | 4280              | LWY0J183MFM40 |
|              | 100          | 5 × 11          | 0.580     | 210               | LWY1A101M0D11 |
|              | 150          | 5 × 11          | 0.400     | 255               | LWY1A151M0D11 |
|              | 220          | 6.3 × 11        | 0.220     | 340               | LWY1A221M0E11 |
|              | 330          | 6.3 × 11        | 0.180     | 400               | LWY1A331M0E11 |
| 16           | 470          | 8 × 11.5        | 0.130     | 640               | LWY1A471MFF11 |
|              | 680          | 8 × 15          | 0.087     | 840               | LWY1A681MFF15 |
|              | 820          | 10 × 12.5       | 0.085     | 875               | LWY1A821MFG12 |
|              | 1000         | 8 × 20          | 0.069     | 1050              | LWY1A102MFF20 |
|              | 1200         | 10 × 20         | 0.046     | 1400              | LWY1A122MFG20 |
|              | 1500         | 10 × 25         | 0.042     | 1650              | LWY1A152MFG25 |
|              | 1800         | 12.5 × 16       | 0.040     | 1780              | LWY1A182MFH16 |
|              | 2200         | 10 × 30         | 0.031     | 1910              | LWY1A222MFG30 |
|              | 2700         | 12.5 × 20       | 0.035     | 2210              | LWY1A272MFH20 |
|              | 3300         | 12.5 × 25       | 0.027     | 2230              | LWY1A332MFH25 |
| 16           | 3900         | 12.5 × 30       | 0.024     | 2650              | LWY1A392MFH30 |
|              | 4700         | 12.5 × 35       | 0.020     | 2880              | LWY1A472MFH35 |
|              | 5600         | 16 × 25         | 0.021     | 2930              | LWY1A562MFK25 |
|              | 6800         | 16 × 31.5       | 0.017     | 3450              | LWY1A682MFK30 |
|              | 6800         | 18 × 25         | 0.019     | 3140              | LWY1A682MFM25 |
|              | 8200         | 16 × 35.5       | 0.015     | 3610              | LWY1A822MFK35 |
|              | 10000        | 16 × 40         | 0.013     | 4080              | LWY1A103MFK40 |
|              | 10000        | 18 × 35.5       | 0.014     | 4220              | LWY1A103MFM35 |
|              | 12000        | 18 × 40         | 0.012     | 4280              | LWY1A123MFM40 |
|              | 56           | 5 × 11          | 0.580     | 210               | LWY1C560M0D11 |
| 16           | 100          | 5 × 11          | 0.400     | 255               | LWY1C101M0D11 |
|              | 120          | 6.3 × 11        | 0.220     | 340               | LWY1C121M0E11 |
|              | 150          | 6.3 × 11        | 0.180     | 400               | LWY1C151M0E11 |
|              | 220          | 6.3 × 11        | 0.150     | 500               | LWY1C221M0E11 |
|              | 330          | 8 × 11.5        | 0.130     | 640               | LWY1C331MFF11 |
|              | 470          | 8 × 15          | 0.087     | 840               | LWY1C471MFF15 |
|              | 470          | 10 × 12.5       | 0.080     | 865               | LWY1C471MFG12 |
|              | 680          | 8 × 20          | 0.069     | 1050              | LWY1C681MFF20 |
|              | 680          | 10 × 16         | 0.060     | 1210              | LWY1C681MFG16 |
|              | 820          | 10 × 20         | 0.046     | 1400              | LWY1C821MFG16 |

| W.V<br>(Vdc) | Cap.<br>(μF) | φ D × L<br>(mm) | Impedance | Ripple<br>Current | Part No.      |
|--------------|--------------|-----------------|-----------|-------------------|---------------|
| 16           | 820          | 10 × 16         | 0.055     | 1300              | LWY1C821MFG16 |
|              | 1000         | 10 × 20         | 0.046     | 1400              | LWY1C102MFG20 |
|              | 1200         | 10 × 25         | 0.042     | 1650              | LWY1C122MFG25 |
|              | 1500         | 10 × 30         | 0.031     | 1910              | LWY1C152MFG30 |
|              | 1500         | 12.5 × 20       | 0.035     | 1900              | LWY1C152MFH20 |
|              | 1800         | 12.5 × 20       | 0.032     | 2070              | LWY1C182MFH20 |
|              | 2200         | 12.5 × 25       | 0.027     | 2230              | LWY1C222MFH25 |
|              | 2700         | 12.5 × 30       | 0.024     | 2650              | LWY1C272MFH30 |
|              | 3300         | 12.5 × 35       | 0.020     | 2880              | LWY1C332MFH35 |
|              | 3900         | 16 × 25         | 0.017     | 3350              | LWY1C392MFK25 |
| 25           | 4700         | 16 × 31.5       | 0.017     | 3450              | LWY1C472MFK30 |
|              | 5600         | 16 × 35.5       | 0.015     | 3610              | LWY1C562MFK35 |
|              | 6800         | 16 × 40         | 0.013     | 4080              | LWY1C682MFK40 |
|              | 8200         | 18 × 35.5       | 0.014     | 4220              | LWY1C822MFM35 |
|              | 10000        | 18 × 40         | 0.012     | 4280              | LWY1C103MFM40 |
|              | 47           | 5 × 11          | 0.580     | 210               | LWY1E470M0D11 |
|              | 56           | 5 × 11          | 0.400     | 255               | LWY1E560M0D11 |
|              | 100          | 6.3 × 11        | 0.220     | 340               | LWY1E101M0E11 |
|              | 120          | 6.3 × 11        | 0.180     | 400               | LWY1E121M0E11 |
|              | 150          | 6.3 × 11        | 0.150     | 500               | LWY1E151M0E11 |
| 25           | 220          | 8 × 11.5        | 0.130     | 640               | LWY1E221MFF11 |
|              | 330          | 8 × 15          | 0.087     | 840               | LWY1E331MFF15 |
|              | 470          | 8 × 20          | 0.069     | 1050              | LWY1E471MFF20 |
|              | 470          | 10 × 16         | 0.060     | 1210              | LWY1E471MFG16 |
|              | 680          | 10 × 20         | 0.046     | 1400              | LWY1E681MFG20 |
|              | 680          | 12.5 × 16       | 0.049     | 1450              | LWY1E681MFH16 |
|              | 820          | 10 × 25         | 0.042     | 1650              | LWY1E821MFG25 |
|              | 1000         | 10 × 30         | 0.031     | 1910              | LWY1E102MFG30 |
|              | 1000         | 12.5 × 20       | 0.035     | 1900              | LWY1E102MFH20 |
|              | 1200         | 12.5 × 25       | 0.035     | 2210              | LWY1E122MFH25 |
| 35           | 1500         | 12.5 × 25       | 0.027     | 2230              | LWY1E152MFH25 |
|              | 1800         | 12.5 × 30       | 0.024     | 2650              | LWY1E182MFH30 |
|              | 2200         | 12.5 × 35       | 0.020     | 2880              | LWY1E222MFH35 |
|              | 2700         | 16 × 25         | 0.021     | 2930              | LWY1E272MFK25 |
|              | 3300         | 16 × 31.5       | 0.017     | 3450              | LWY1E332MFK30 |
|              | 3900         | 16 × 35.5       | 0.015     | 3610              | LWY1E392MFK35 |
|              | 4700         | 16 × 40         | 0.013     | 4080              | LWY1E472MFK40 |
|              | 5600         | 18 × 40         | 0.012     | 4280              | LWY1E562MFM40 |
|              | 10           | 5 × 11          | 1.500     | 100               | LWY1V100M0D11 |
|              | 22           | 5 × 11          | 0.750     | 180               | LWY1V220M0D11 |
| 35           | 33           | 5 × 11          | 0.580     | 210               | LWY1V330M0D11 |
|              | 56           | 6.3 × 11        | 0.220     | 340               | LWY1V560M0E11 |
|              | 100          | 6.3 × 11        | 0.180     | 400               | LWY1V101M0E11 |
|              | 120          | 8 × 11.5        | 0.150     | 500               | LWY1V121MFF11 |
|              | 150          | 8 × 11.5        | 0.130     | 640               | LWY1V151MFF11 |
|              | 180          | 8 × 11.5        | 0.120     | 720               | LWY1V181MFF11 |
|              | 220          | 8 × 15          | 0.087     | 840               | LWY1V221MFF15 |
|              | 270          | 10 × 12.5       | 0.069     | 1050              | LWY1V271MFG12 |
|              | 330          | 10 × 16         | 0.060     | 1210              | LWY1V331MFG16 |
|              | 470          | 10 × 20         | 0.046     | 1400              | LWY1V471MFG20 |
| 35           | 560          | 10 × 25         | 0.042     | 1650              | LWY1V561MFG25 |
|              | 680          | 10 × 30         | 0.031     | 1910              | LWY1V681MFG30 |
|              | 680          | 12.5 × 20       | 0.035     | 1900              | LWY1V681MFH20 |
|              | 1000         | 12.5 × 25       | 0.027     | 2230              | LWY1V102MFH25 |
|              | 1200         | 12.5 × 30       | 0.024     | 2650              | LWY1V122MFH30 |
|              | 1200         | 16 × 20         | 0.027     | 2530              | LWY1V122MFK20 |
|              | 1500         | 12.5 × 35       | 0.020     | 2880              | LWY1V152MFH35 |
|              | 1800         | 16 × 25         | 0.021     | 2930              | LWY1V182MFK25 |
|              | 1800         | 18 × 20         | 0.026     | 2860              | LWY1V182MFM20 |
|              | 2200         | 16 × 31.5       | 0.017     | 3450              | LWY1V222MFK30 |



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## ■寸法表／CASE SIZE TABLE

■Impedance[Max.Value Ω] at 20°C 100kHz

■Ripple Current [Max. value mA] at 105°C 100kHz

| W.V<br>(Vdc) | Cap.<br>(μF) | φ D × L<br>(mm) | Impedance | Ripple<br>Current | Part No.      |
|--------------|--------------|-----------------|-----------|-------------------|---------------|
| 35           | 2200         | 18×25           | 0.019     | 3140              | LWY1V222MFM25 |
|              | 2700         | 16×35.5         | 0.015     | 3610              | LWY1V272MFK35 |
|              | 2700         | 18×31.5         | 0.015     | 4170              | LWY1V272MFM30 |
|              | 3300         | 16×40           | 0.013     | 4080              | LWY1V332MFK40 |
|              | 3300         | 18×35.5         | 0.014     | 4220              | LWY1V332MFM35 |
|              | 3900         | 18×40           | 0.012     | 4280              | LWY1V392MFM40 |
| 50           | 10           | 5×11            | 1.500     | 100               | LWY1H100M0D11 |
|              | 22           | 5×11            | 0.700     | 180               | LWY1H220M0D11 |
|              | 33           | 6.3×11          | 0.650     | 210               | LWY1H330M0E11 |
|              | 56           | 6.3×11          | 0.300     | 295               | LWY1H560M0E11 |
|              | 100          | 8×11.5          | 0.170     | 555               | LWY1H101MFF11 |
|              | 120          | 8×15            | 0.120     | 730               | LWY1H121MFF15 |
|              | 150          | 10×12.5         | 0.120     | 760               | LWY1H151MFG12 |
|              | 180          | 8×20            | 0.091     | 910               | LWY1H181MFF20 |
|              | 220          | 10×16           | 0.084     | 1050              | LWY1H221MFG16 |
|              | 270          | 10×20           | 0.060     | 1220              | LWY1H271MFG20 |
|              | 330          | 10×25           | 0.055     | 1440              | LWY1H331MFG25 |
|              | 470          | 10×30           | 0.043     | 1690              | LWY1H471MFG30 |
|              | 470          | 12.5×20         | 0.045     | 1660              | LWY1H471MFH20 |
|              | 560          | 12.5×25         | 0.034     | 1950              | LWY1H561MFH25 |
|              | 680          | 12.5×30         | 0.030     | 2310              | LWY1H681MFH30 |
|              | 1000         | 16×25           | 0.025     | 2555              | LWY1H102MFK25 |
|              | 1000         | 18×20           | 0.036     | 2490              | LWY1H102MFM20 |
|              | 1200         | 16×31.5         | 0.022     | 3010              | LWY1H122MFK30 |
|              | 1200         | 18×25           | 0.026     | 2740              | LWY1H122MFM25 |
|              | 1500         | 16×35.5         | 0.019     | 3150              | LWY1H152MFK35 |
|              | 1800         | 16×40           | 0.016     | 3710              | LWY1H182MFK40 |
|              | 1800         | 18×31.5         | 0.021     | 3635              | LWY1H182MFM30 |
|              | 2200         | 18×35.5         | 0.017     | 3680              | LWY1H222MFM35 |
|              | 2700         | 18×40           | 0.014     | 3800              | LWY1H272MFM40 |
| 63           | 56           | 8×11.5          | 0.880     | 165               | LWY1J560MFF11 |
|              | 68           | 8×11.5          | 0.220     | 570               | LWY1J680MFF11 |
|              | 82           | 8×15            | 0.160     | 665               | LWY1J820MFF15 |
|              | 100          | 10×12.5         | 0.140     | 740               | LWY1J101MFG12 |
|              | 120          | 8×20            | 0.120     | 820               | LWY1J121MFF20 |
|              | 120          | 10×16           | 0.076     | 950               | LWY1J121MFG16 |
|              | 180          | 10×20           | 0.056     | 1150              | LWY1J181MFG20 |
|              | 220          | 10×25           | 0.046     | 1350              | LWY1J221MFG25 |
|              | 270          | 12.5×20         | 0.041     | 1500              | LWY1J271MFH20 |
|              | 390          | 12.5×25         | 0.031     | 1900              | LWY1J391MFH25 |
|              | 470          | 12.5×30         | 0.028     | 2300              | LWY1J471MFH30 |
|              | 470          | 16×20           | 0.032     | 2000              | LWY1J471MFK20 |
|              | 560          | 12.5×35         | 0.024     | 2500              | LWY1J561MFH35 |
|              | 680          | 16×25           | 0.025     | 2800              | LWY1J681MFK25 |
|              | 680          | 18×20           | 0.025     | 2600              | LWY1J681MFK25 |
|              | 820          | 16×31.5         | 0.021     | 2850              | LWY1J821MFK30 |
|              | 820          | 18×25           | 0.024     | 2800              | LWY1J821MFM25 |
|              | 1000         | 16×35.5         | 0.019     | 2900              | LWY1J102MFK35 |
|              | 1200         | 16×40           | 0.018     | 3400              | LWY1J122MFK40 |
|              | 1500         | 18×35.5         | 0.018     | 3400              | LWY1J152MFM35 |
|              | 1800         | 18×40           | 0.017     | 3500              | LWY1J182MFM40 |

| W.V<br>(Vdc) | Cap.<br>(μF) | φ D × L<br>(mm) | Impedance | Ripple<br>Current | Part No.      |
|--------------|--------------|-----------------|-----------|-------------------|---------------|
| 80           | 68           | 10×12.5         | 0.170     | 480               | LWY1K680MFG12 |
|              | 82           | 10×12.5         | 0.150     | 530               | LWY1K820MFG12 |
|              | 100          | 10×16           | 0.110     | 600               | LWY1K101MFG16 |
|              | 120          | 10×20           | 0.084     | 800               | LWY1K121MFG20 |
|              | 180          | 12.5×16         | 0.084     | 950               | LWY1K181MFH16 |
|              | 220          | 12.5×20         | 0.062     | 1100              | LWY1K221MFH20 |
|              | 270          | 12.5×25         | 0.060     | 1350              | LWY1K271MFH25 |
|              | 390          | 12.5×30         | 0.042     | 1500              | LWY1K391MFH30 |
|              | 470          | 12.5×35         | 0.036     | 1650              | LWY1K471MFH35 |
|              | 470          | 16×25           | 0.038     | 1700              | LWY1K471MFK25 |
|              | 560          | 12.5×40         | 0.032     | 1800              | LWY1K561MFH40 |
|              | 680          | 16×31.5         | 0.032     | 1850              | LWY1K681MFK30 |
|              | 680          | 18×25           | 0.036     | 1750              | LWY1K681MFM25 |
|              | 820          | 16×35.5         | 0.029     | 2000              | LWY1K821MFK35 |
|              | 820          | 18×31.5         | 0.030     | 1900              | LWY1K821MFM30 |
|              | 1000         | 16×40           | 0.027     | 2200              | LWY1K102MFK40 |
|              | 1200         | 18×40           | 0.026     | 2700              | LWY1K122MFM40 |
| 100          | 15           | 6.3×11          | 0.570     | 205               | LWY2A150M0E11 |
|              | 27           | 8×11.5          | 0.360     | 355               | LWY2A270MFF11 |
|              | 39           | 8×15            | 0.250     | 450               | LWY2A390MFF15 |
|              | 47           | 10×12.5         | 0.170     | 480               | LWY2A470MFG12 |
|              | 56           | 8×20            | 0.190     | 565               | LWY2A560MFF20 |
|              | 68           | 10×16           | 0.110     | 600               | LWY2A680MFG16 |
|              | 82           | 10×20           | 0.084     | 800               | LWY2A820MFG20 |
|              | 100          | 12.5×16         | 0.110     | 750               | LWY2A101MFH16 |
|              | 120          | 10×25           | 0.069     | 900               | LWY2A121MFG25 |
|              | 150          | 12.5×20         | 0.062     | 1100              | LWY2A151MFH20 |
|              | 220          | 12.5×25         | 0.047     | 1250              | LWY2A221MFH25 |
|              | 220          | 16×20           | 0.048     | 1350              | LWY2A221MFK20 |
|              | 270          | 12.5×30         | 0.042     | 1500              | LWY2A271MFH30 |
|              | 330          | 12.5×35         | 0.036     | 1650              | LWY2A331MFH35 |
|              | 330          | 16×25           | 0.038     | 1700              | LWY2A331MFK25 |
|              | 330          | 18×20           | 0.045     | 1500              | LWY2A331MFM20 |
|              | 390          | 12.5×40         | 0.032     | 1800              | LWY2A391MFH40 |
|              | 470          | 16×31.5         | 0.032     | 1850              | LWY2A471MFK30 |
|              | 470          | 18×25           | 0.036     | 1750              | LWY2A471MFM25 |
|              | 560          | 16×35.5         | 0.029     | 2000              | LWY2A561MFK35 |
|              | 560          | 18×31.5         | 0.030     | 1900              | LWY2A561MFM30 |
|              | 680          | 16×40           | 0.027     | 2200              | LWY2A681MFK40 |
|              | 680          | 18×35.5         | 0.027     | 2200              | LWY2A681MFM35 |
|              | 820          | 18×40           | 0.026     | 2700              | LWY2A821MFM40 |