



# Aluminum Electrolytic Capacitors

105°C 5,000 Hour Snap-Mount



## FEATURES

Multiple Case Sizes - High Voltage – High Current

## APPLICATIONS

Bulk Filtering – Switching Power Supplies

|   |                 |  |     |   |      |      |      |                  |     |     |     |     |     |     |     |
|---|-----------------|--|-----|---|------|------|------|------------------|-----|-----|-----|-----|-----|-----|-----|
| Operating Temperature Range                     |                 | <b>-40°C to +105°C (<math>\leq 100\text{WVDC}</math>)</b><br><b>-25°C to +105°C (<math>\geq 160\text{WVDC}</math>)</b> |     |   |      |      |      |                  |     |     |     |     |     |     |     |
| Capacitance Tolerance                           |                 | <b>+20% at 120 Hz, 20°C</b>  |     |   |      |      |      |                  |     |     |     |     |     |     |     |
| Surge Voltage                                   | WVDC            | 10   | 16  | 25                                      | 35   | 50   | 63   | 80               | 100 | 160 | 200 | 250 | 350 | 400 | 450 |
|   | SVDC            | 13   | 20  | 32                                      | 44   | 63   | 79   | 100              | 120 | 200 | 250 | 300 | 400 | 450 | 500 |
| Dissipation Factor<br>$\tan \delta$<br>(120 Hz) | WVDC            | 10   | 16  | 25                                      | 35   | 50   | 63   | 80               | 100 | 160 | 200 | 250 | 350 | 400 | 450 |
|   |                 | .6   | .45 | .3                                      | .25  | .2   | .15  | .15              | .15 | .15 | .15 | .15 | .15 | .2  | .2  |
|   |                 | For capacitances above 33000uF, add to DF value $(\text{Capacitance}-33000) \cdot 0.1 / 10000$                         |     |   |      |      |      |                  |     |     |     |     |     |     |     |
| Leakage Current<br>@20°C, Rated WVDC applied    |                 | Time   |     | 5 Minutes                               |      |      |      |                  |     |     |     |     |     |     |     |
|   |                 | $3\sqrt{CV}$   |     |   |      |      |      |                  |     |     |     |     |     |     |     |
| Impedance Ratio<br>(120 Hz)                     | WVDC            | 10   | 16  | 25                                      | 35   | 50   | 63   | 80               | 100 | 160 | 200 | 250 | 350 | 400 | 450 |
|   | -25°C/+20°C     | 6  | 6   | 6                                       | 6    | 4    | 3    | 3                | 3   | 8   | 8   | 8   | 8   | 8   | 8   |
|   | -40°C/+20°C     | 15   | 15  | 15                                      | 15   | 15   | 15   | 15               |     | -   | -   | -   | -   | -   | -   |
| Load Life                                       |                 | 5000 hours at 105°C with rated WVDC and ripple current applied   |     |   |      |      |      |                  |     |     |     |     |     |     |     |
|   |                 | Capacitance change   |     | $\leq 20\%$ of initial measured value   |      |      |      |                  |     |     |     |     |     |     |     |
|   |                 | Dissipation factor   |     | $\leq 200\%$ of maximum specified value |      |      |      |                  |     |     |     |     |     |     |     |
|   |                 | Leakage current  |     | $\leq 100\%$ of maximum specified value |      |      |      |                  |     |     |     |     |     |     |     |
| Shelf Life                                      |                 | 1000 hours at 105°C with no voltage applied  |     |   |      |      |      |                  |     |     |     |     |     |     |     |
|   |                 | Capacitance Change   |     | $\leq 20\%$ of initial measured value   |      |      |      |                  |     |     |     |     |     |     |     |
|   |                 | Dissipation Factor   |     | $\leq 200\%$ of maximum specified value |      |      |      |                  |     |     |     |     |     |     |     |
|   |                 | Leakage Current  |     | $\leq 100\%$ of maximum specified value |      |      |      |                  |     |     |     |     |     |     |     |
| Ripple Current Multipliers                      |                 | Frequency (Hz)   |     |   |      |      |      | Temperature (°C) |     |     |     |     |     |     |     |
|   | WVDC            | 60   | 120 | 400                                     | 1k   | 10k  | 50k  | 45               | 65  | 75  | 85  | 105 |     |     |     |
|   | $\leq 100$      | 0.9  | 1.0 | 1.0                                     | 1.15 | 1.25 | 1.25 | 2.4              | 2.1 | 1.9 | 1.7 | 1   |     |     |     |
|   | $160 < V < 250$ | 0.8  | 1.0 | 1.0                                     | 1.25 | 1.47 | 1.47 | 2.4              | 2.1 | 1.9 | 1.7 | 1   |     |     |     |
|   | $\geq 350$      | 0.8  | 1.0 | 1.0                                     | 1.3  | 1.47 | 1.47 | 2.4              | 2.1 | 1.9 | 1.7 | 1   |     |     |     |



Your Global Source for World-Class Capacitors

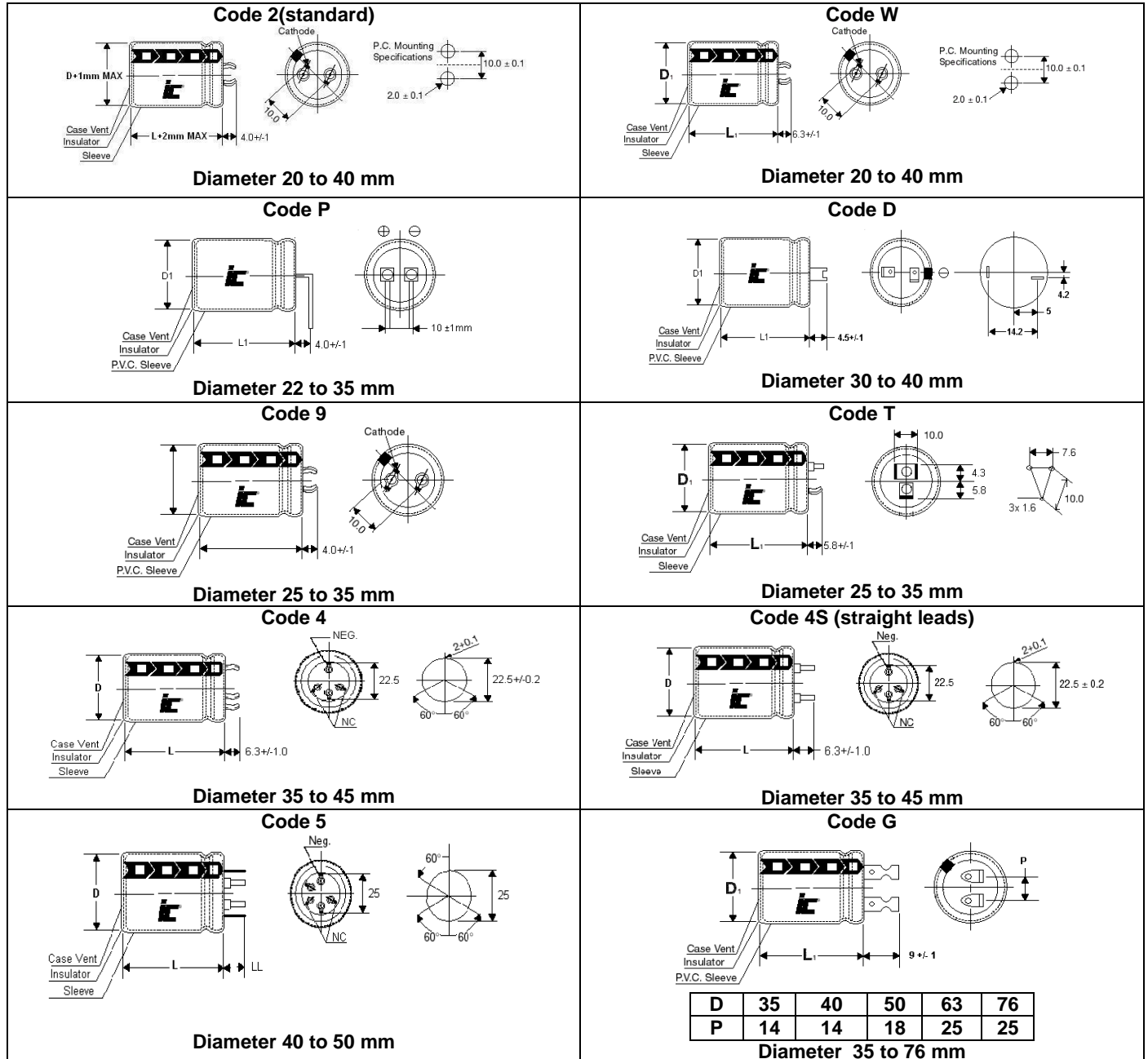
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### Lead Style Options



# LMX

+105°C, 5000 Hour

| Capacitance (µF) | WVDC | IC PART NUMBER | Maximum ESR (Ω)<br>120 Hz,<br>+20°C | Maximum RMS Ripple Current (A)<br>120 Hz,<br>+105°C | Dims DxL (mm) |
|------------------|------|----------------|-------------------------------------|---|---------------|
| 47               | 450  | 476LMX450M2BC  | 7.0547                              | 0.39  | 22x25         |
| 56               | 450  | 566LMX450M2BC  | 5.9209                              | 0.42  | 22x25         |
| 56               | 450  | 566LMX450M2BD  | 5.9209                              | 0.46  | 22x30         |
| 68               | 400  | 686LMX400M2BC  | 4.8761                              | 0.47  | 22x25         |
| 68               | 450  | 686LMX450M2BD  | 4.8761                              | 0.5   | 22x30         |
| 68               | 450  | 686LMX450M2BE  | 4.8761                              | 0.54  | 22x35         |
| 68               | 450  | 686LMX450M2CC  | 3.657                               | 0.5   | 25x25         |
| 82               | 400  | 826LMX400M2BC  | 4.0436                              | 0.52  | 22x25         |
| 82               | 400  | 826LMX400M2BD  | 4.0436                              | 0.56  | 22x30         |
| 82               | 450  | 826LMX450M2BD  | 4.0436                              | 0.55  | 22x30         |
| 82               | 450  | 826LMX450M2BE  | 4.0436                              | 0.59  | 22x35         |
| 82               | 450  | 826LMX450M2CC  | 4.0436                              | 0.55  | 25x25         |
| 82               | 450  | 826LMX450M2CD  | 4.0436                              | 0.6   | 25x30         |
| 100              | 400  | 107LMX400M2BD  | 3.3157                              | 0.62  | 22x30         |
| 100              | 400  | 107LMX400M2BE  | 3.3157                              | 0.66  | 22x35         |
| 100              | 400  | 107LMX400M2CC  | 3.3157                              | 0.62  | 25x25         |
| 100              | 400  | 107LMX400M2CD  | 3.3157                              | 0.66  | 25x30         |
| 100              | 450  | 107LMX450M2BE  | 3.3157                              | 0.65  | 22x35         |
| 100              | 450  | 107LMX450M2BF  | 3.3157                              | 0.69  | 22x40         |
| 100              | 450  | 107LMX450M2CD  | 3.3157                              | 0.66  | 25x30         |
| 100              | 450  | 107LMX450M2CE  | 3.3157                              | 0.7   | 25x35         |
| 100              | 450  | 107LMX450M2DC  | 3.3157                              | 0.68  | 30x25         |
| 120              | 350  | 127LMX350M2BD  | 2.7631                              | 0.78  | 22x30         |
| 120              | 400  | 127LMX400M2BE  | 2.7631                              | 0.72  | 22x35         |
| 120              | 400  | 127LMX400M2BF  | 2.7631                              | 0.76  | 22x40         |
| 120              | 400  | 127LMX400M2CD  | 2.7631                              | 0.73  | 25x30         |
| 120              | 400  | 127LMX400M2CE  | 2.7631                              | 0.77  | 25x35         |
| 120              | 400  | 127LMX400M2DC  | 2.7631                              | 0.75  | 30x25         |
| 120              | 450  | 127LMX450M2BF  | 2.7631                              | 0.76  | 22x40         |
| 120              | 450  | 127LMX450M2BH  | 2.7631                              | 0.84  | 22x50         |
| 120              | 450  | 127LMX450M2CE  | 2.7631                              | 0.77  | 25x35         |
| 120              | 450  | 127LMX450M2CF  | 2.7631                              | 0.81  | 25x40         |
| 120              | 450  | 127LMX450M2DC  | 2.7631                              | 0.75  | 30x25         |
| 120              | 450  | 127LMX450M2DD  | 2.7631                              | 0.8   | 30x30         |
| 120              | 450  | 127LMX450M2EC  | 2.7631                              | 0.82  | 35x25         |
| 150              | 250  | 157LMX250M2BC  | 1.6279                              | 0.69  | 22x25         |
| 150              | 350  | 157LMX350M2BE  | 2.2105                              | 0.9   | 22x35         |
| 150              | 400  | 157LMX400M2CE  | 2.2105                              | 0.91  | 25x35         |
| 150              | 400  | 157LMX400M2BF  | 2.2105                              | 0.85  | 22x40         |
| 150              | 400  | 157LMX400M2BG  | 2.2105                              | 0.9   | 22x45         |
| 150              | 400  | 157LMX400M2CD  | 2.2105                              | 0.81  | 25x30         |
| 150              | 400  | 157LMX400M2CF  | 2.2105                              | 0.92  | 25x40         |
| 150              | 400  | 157LMX400M2DC  | 2.2105                              | 0.84  | 30x25         |
| 150              | 400  | 157LMX400M2DD  | 2.2105                              | 0.9   | 30x30         |
| 150              | 450  | 157LMX450M2BG  | 2.2105                              | 0.93  | 22x45         |
| 150              | 450  | 157LMX450M2CE  | 2.2105                              | 0.94  | 25x35         |
| 150              | 450  | 157LMX450M2BH  | 2.2105                              | 0.94  | 22x50         |
| 150              | 450  | 157LMX450M2CF  | 2.2105                              | 0.91  | 25x40         |
| 150              | 450  | 157LMX450M2CG  | 2.2105                              | 0.96  | 25x45         |
| 150              | 450  | 157LMX450M2DD  | 2.2105                              | 0.9   | 30x30         |
| 150              | 450  | 157LMX450M2DE  | 2.2105                              | 0.96  | 30x35         |
| 150              | 450  | 157LMX450M2ED  | 2.2105                              | 0.99  | 35x30         |
| 180              | 250  | 187LMX250M2BC  | 1.3816                              | 0.76  | 22x25         |
| 180              | 250  | 187LMX250M2BD  | 1.3816                              | 0.82  | 22x30         |
| 180              | 250  | 187LMX250M2CC  | 1.3816                              | 0.82  | 25x25         |
| 180              | 350  | 187LMX350M2BF  | 1.8421                              | 1.01  | 22x40         |
| 180              | 350  | 187LMX350M2CD  | 1.8421                              | 1.01  | 25x30         |
| 180              | 400  | 187LMX400M2CF  | 1.8421                              | 1.06  | 25x40         |

| Capacitance (µF) | WVDC | IC PART NUMBER | Maximum ESR (Ω)<br>120 Hz,<br>+20°C | Maximum RMS Ripple Current (A)<br>120 Hz,<br>+105°C | Dims DxL (mm) |
|------------------|------|----------------|-------------------------------------|---|---------------|
| 180              | 400  | 187LMX400M2DD  | 1.8421                              | 0.99  | 30x30         |
| 180              | 400  | 187LMX400M2DE  | 1.8421                              | 1.06  | 30x35         |
| 180              | 400  | 187LMX400M2EC  | 1.8421                              | 1.01  | 35x25         |
| 180              | 400  | 187LMX400M2BG  | 1.8421                              | 0.98  | 22x45         |
| 180              | 400  | 187LMX400M2BH  | 1.8421                              | 1.03  | 22x50         |
| 180              | 400  | 187LMX400M2CE  | 1.8421                              | 0.95  | 25x35         |
| 180              | 450  | 187LMX450M2CG  | 1.8421                              | 1.05  | 25x45         |
| 180              | 450  | 187LMX450M2DE  | 1.8421                              | 1.05  | 30x35         |
| 180              | 450  | 187LMX450M2DF  | 1.8421                              | 1.11  | 30x40         |
| 180              | 450  | 187LMX450M2ED  | 1.8421                              | 1.08  | 35x30         |
| 180              | 450  | 187LMX450M2BH  | 1.8421                              | 0.97  | 22x50         |
| 180              | 450  | 187LMX450M2CF  | 1.8421                              | 0.95  | 25x40         |
| 180              | 450  | 187LMX450M2DD  | 1.8421                              | 0.93  | 30x30         |
| 180              | 450  | 187LMX450M2EC  | 1.8421                              | 0.96  | 35x25         |
| 220              | 200  | 227LMX200M2BC  | 1.1304                              | 0.85  | 22x25         |
| 220              | 250  | 227LMX250M2BD  | 1.1304                              | 0.91  | 22x30         |
| 220              | 250  | 227LMX250M2BE  | 1.1304                              | 0.97  | 22x35         |
| 220              | 250  | 227LMX250M2CD  | 1.1304                              | 0.98  | 25x30         |
| 220              | 350  | 227LMX350M2BG  | 1.5071                              | 1.15  | 22x45         |
| 220              | 350  | 227LMX350M2CE  | 1.5071                              | 1.15  | 25x35         |
| 220              | 350  | 227LMX350M2DD  | 1.5071                              | 1.15  | 30x30         |
| 220              | 400  | 227LMX400M2BH  | 1.5071                              | 1.14  | 22x50         |
| 220              | 400  | 227LMX400M2CF  | 1.5071                              | 1.11  | 25x40         |
| 220              | 400  | 227LMX400M2CH  | 1.5071                              | 1.22  | 25x50         |
| 220              | 400  | 227LMX400M2DD  | 1.5071                              | 1.09  | 30x30         |
| 220              | 400  | 227LMX400M2DE  | 1.5071                              | 1.16  | 30x35         |
| 220              | 400  | 227LMX400M2ED  | 1.5071                              | 1.2   | 35x30         |
| 220              | 450  | 227LMX450M2DF  | 1.5071                              | 1.22  | 30x40         |
| 220              | 450  | 227LMX450M2DG  | 1.5071                              | 1.29  | 30x45         |
| 220              | 450  | 227LMX450M2ED  | 1.5071                              | 1.19  | 35x30         |
| 220              | 450  | 227LMX450M2EE  | 1.5071                              | 1.27  | 35x35         |
| 220              | 450  | 227LMX450M2CG  | 1.5071                              | 1.16  | 25x45         |
| 220              | 450  | 227LMX450M2DE  | 1.5071                              | 1.17  | 30x35         |
| 270              | 200  | 277LMX200M2BC  | 0.921                               | 1.1   | 22x25         |
| 270              | 200  | 277LMX200M2BD  | 0.921                               | 1.02  | 22x30         |
| 270              | 200  | 277LMX200M2CC  | 0.921                               | 1.02  | 25x25         |
| 270              | 250  | 277LMX250M2BD  | 0.921                               | 1.01  | 22x30         |
| 270              | 250  | 277LMX250M2BE  | 0.921                               | 1.07  | 22x35         |
| 270              | 250  | 277LMX250M2CC  | 0.921                               | 1.01  | 25x25         |
| 270              | 250  | 277LMX250M2CD  | 0.921                               | 1.08  | 25x30         |
| 270              | 350  | 277LMX350M2BH  | 1.228                               | 1.25  | 22x50         |
| 270              | 350  | 277LMX350M2CF  | 1.228                               | 1.25  | 25x40         |
| 270              | 350  | 277LMX350M2DD  | 1.228                               | 1.25  | 30x30         |
| 270              | 350  | 277LMX350M2EC  | 1.228                               | 1.25  | 35x25         |
| 270              | 400  | 277LMX400M2CH  | 1.228                               | 1.35  | 25x50         |
| 270              | 400  | 277LMX400M2CG  | 1.228                               | 1.29  | 25x45         |
| 270              | 400  | 277LMX400M2DE  | 1.228                               | 1.29  | 30x35         |
| 270              | 400  | 277LMX400M2DG  | 1.228                               | 1.43  | 30x45         |
| 270              | 400  | 277LMX400M2ED  | 1.228                               | 1.33  | 35x30         |
| 270              | 400  | 277LMX400M2EE  | 1.228                               | 1.41  | 35x35         |
| 270              | 450  | 277LMX450M2DG  | 1.228                               | 1.43  | 30x45         |
| 270              | 450  | 277LMX450M2DH  | 1.228                               | 1.49  | 30x50         |
| 270              | 450  | 277LMX450M2EE  | 1.228                               | 1.41  | 35x35         |
| 270              | 450  | 277LMX450M2EF  | 1.228                               | 1.48  | 35x40         |
| 270              | 450  | 277LMX450M2CH  | 1.228                               | 1.31  | 25x50         |
| 270              | 450  | 277LMX450M2DF  | 1.228                               | 1.33  | 30x40         |
| 270              | 450  | 277LMX450M2ED  | 1.228                               | 1.39  | 35x30         |
| 330              | 200  | 337LMX200M2BD  | 0.754                               | 1.12  | 22x30         |

# LMX

+105°C, 5000 Hour

| Capacitance (µF) | WVDC | IC PART NUMBER | Maximum ESR (Ω)<br>120 Hz,<br>+20°C | Maximum RMS Ripple Current (A)<br>120 Hz,<br>+105°C | Dims DxL (mm) |
|------------------|------|----------------|-------------------------------------|---|---------------|
| 330              | 200  | 337LMX200M2BE  | 0.754                               | 1.2   | 22x35         |
| 330              | 200  | 337LMX200M2CC  | 0.754                               | 1.12  | 25x25         |
| 330              | 200  | 337LMX200M2CD  | 0.754                               | 1.21  | 25x30         |
| 330              | 250  | 337LMX250M2BE  | 0.754                               | 1.19  | 22x35         |
| 330              | 250  | 337LMX250M2BF  | 0.754                               | 1.26  | 22x40         |
| 330              | 250  | 337LMX250M2CD  | 0.754                               | 1.2   | 25x30         |
| 330              | 250  | 337LMX250M2CE  | 0.754                               | 1.28  | 25x35         |
| 330              | 250  | 337LMX250M2DC  | 0.754                               | 1.24  | 30x25         |
| 330              | 350  | 337LMX350M2ED  | 1.0048                              | 1.43  | 35x30         |
| 330              | 350  | 337LMX350M2CG  | 1.0048                              | 1.43  | 25x45         |
| 330              | 350  | 337LMX350M2DE  | 1.0048                              | 1.43  | 30x35         |
| 330              | 400  | 337LMX400M2DG  | 1.0048                              | 1.55  | 30x45         |
| 330              | 400  | 337LMX400M2ED  | 1.0048                              | 1.52  | 35x30         |
| 330              | 400  | 337LMX400M2DF  | 1.0048                              | 1.51  | 30x40         |
| 330              | 400  | 337LMX400M2DH  | 1.0048                              | 1.66  | 30x50         |
| 330              | 400  | 337LMX400M2EE  | 1.0048                              | 1.56  | 35x35         |
| 330              | 400  | 337LMX400M2EF  | 1.0048                              | 1.65  | 35x40         |
| 330              | 450  | 337LMX450M2DH  | 1.0048                              | 1.65  | 30x50         |
| 330              | 450  | 337LMX450M2EF  | 1.0048                              | 1.64  | 35x40         |
| 330              | 450  | 337LMX450M2EG  | 1.0048                              | 1.72  | 35x45         |
| 330              | 450  | 337LMX450M2DG  | 1.0048                              | 1.58  | 30x45         |
| 330              | 450  | 337LMX450M2EE  | 1.0048                              | 1.58  | 35x35         |
| 390              | 100  | 397LMX100M2BC  | 0.6376                              | 0.78  | 22x25         |
| 390              | 160  | 397LMX160M2BD  | 0.6376                              | 1.42  | 22x30         |
| 390              | 200  | 397LMX200M2BE  | 0.6376                              | 1.31  | 22x35         |
| 390              | 200  | 397LMX200M2CD  | 0.6376                              | 1.32  | 25x30         |
| 390              | 200  | 397LMX200M2CE  | 0.6376                              | 1.4   | 25x35         |
| 390              | 200  | 397LMX200M2DC  | 0.6376                              | 1.37  | 30x25         |
| 390              | 250  | 397LMX250M2BF  | 0.6376                              | 1.37  | 22x40         |
| 390              | 250  | 397LMX250M2BG  | 0.6376                              | 1.44  | 22x45         |
| 390              | 250  | 397LMX250M2CE  | 0.6376                              | 1.39  | 25x35         |
| 390              | 250  | 397LMX250M2CF  | 0.6376                              | 1.47  | 25x40         |
| 390              | 250  | 397LMX250M2DD  | 0.6376                              | 1.45  | 30x30         |
| 390              | 250  | 397LMX250M2DE  | 0.6376                              | 1.54  | 30x35         |
| 390              | 350  | 397LMX350M2EE  | 1.0048                              | 1.76  | 35x35         |
| 390              | 350  | 397LMX350M2CH  | 1.0048                              | 1.61  | 25x50         |
| 390              | 350  | 397LMX350M2DF  | 1.0048                              | 1.6   | 30x40         |
| 390              | 350  | 397LMX350M2ED  | 1.0048                              | 1.61  | 35x30         |
| 390              | 400  | 397LMX400M2DG  | 1.0048                              | 1.72  | 30x45         |
| 390              | 400  | 397LMX400M2EE  | 1.0048                              | 1.7   | 35x35         |
| 390              | 400  | 397LMX400M2EG  | 1.0048                              | 1.88  | 35x45         |
| 390              | 450  | 397LMX450M2EG  | 1.0048                              | 1.87  | 35x45         |
| 390              | 450  | 397LMX450M2EF  | 1.0048                              | 1.73  | 35x40         |
| 390              | 450  | 397LMX450M2DH  | 1.0048                              | 1.73  | 30x50         |
| 470              | 160  | 477LMX160M2BE  | 0.5291                              | 1.62  | 22x35         |
| 470              | 200  | 477LMX200M2BG  | 0.5291                              | 1.6   | 22x45         |
| 470              | 200  | 477LMX200M2CD  | 0.5291                              | 1.45  | 25x30         |
| 470              | 200  | 477LMX200M2CE  | 0.5291                              | 1.54  | 25x35         |
| 470              | 200  | 477LMX200M2DC  | 0.5291                              | 1.5   | 30x25         |
| 470              | 200  | 477LMX200M2DD  | 0.5291                              | 1.61  | 30x30         |
| 470              | 200  | 477LMX200M2BF  | 0.5291                              | 1.52  | 22x40         |
| 470              | 250  | 477LMX250M2BH  | 0.5291                              | 1.66  | 22x50         |
| 470              | 250  | 477LMX250M2CF  | 0.5291                              | 1.61  | 25x40         |
| 470              | 250  | 477LMX250M2CG  | 0.5291                              | 1.7   | 25x45         |
| 470              | 250  | 477LMX250M2DD  | 0.5291                              | 1.59  | 30x30         |
| 470              | 250  | 477LMX250M2DE  | 0.5291                              | 1.69  | 30x35         |
| 470              | 250  | 477LMX250M2EC  | 0.5291                              | 1.63  | 35x25         |
| 470              | 350  | 477LMX350M2DG  | 0.7055                              | 1.81  | 30x45         |

| Capacitance (µF) | WVDC | IC PART NUMBER | Maximum ESR (Ω)<br>120 Hz,<br>+20°C | Maximum RMS Ripple Current (A)<br>120 Hz,<br>+105°C | Dims DxL (mm) |
|------------------|------|----------------|-------------------------------------|---|---------------|
| 470              | 350  | 477LMX350M2EE  | 0.7055                              | 1.83  | 35x35         |
| 470              | 400  | 477LMX400M2DH  | 0.7055                              | 1.9   | 30x50         |
| 470              | 400  | 477LMX400M2EF  | 0.7055                              | 1.97  | 35x40         |
| 470              | 400  | 477LMX400M2EH  | 0.7055                              | 2.16  | 35x50         |
| 470              | 450  | 477LMX450M2EH  | 0.7055                              | 1.98  | 35x50         |
| 560              | 100  | 567LMX100M2BD  | 0.4441                              | 0.99  | 22x30         |
| 560              | 100  | 567LMX100M2CC  | 0.4441                              | 0.98  | 25x25         |
| 560              | 160  | 567LMX160M2CD  | 0.4441                              | 1.81  | 25x30         |
| 560              | 160  | 567LMX160M2DC  | 0.4441                              | 1.81  | 30x25         |
| 560              | 160  | 567LMX160M2BE  | 0.4441                              | 1.77  | 22x35         |
| 560              | 200  | 567LMX200M2DC  | 0.4441                              | 1.78  | 30x25         |
| 560              | 200  | 567LMX200M2BG  | 0.4441                              | 1.75  | 22x45         |
| 560              | 200  | 567LMX200M2BH  | 0.4441                              | 1.83  | 22x50         |
| 560              | 200  | 567LMX200M2CE  | 0.4441                              | 1.68  | 25x35         |
| 560              | 200  | 567LMX200M2CF  | 0.4441                              | 1.78  | 25x40         |
| 560              | 200  | 567LMX200M2DD  | 0.4441                              | 1.76  | 30x30         |
| 560              | 200  | 567LMX200M2DE  | 0.4441                              | 1.87  | 30x35         |
| 560              | 250  | 567LMX250M2CG  | 0.4441                              | 1.85  | 25x45         |
| 560              | 250  | 567LMX250M2DE  | 0.4441                              | 1.85  | 30x35         |
| 560              | 250  | 567LMX250M2DF  | 0.4441                              | 1.95  | 30x40         |
| 560              | 250  | 567LMX250M2ED  | 0.4441                              | 1.91  | 35x30         |
| 560              | 350  | 567LMX350M2DH  | 0.5921                              | 2   | 30x50         |
| 560              | 350  | 567LMX350M2EF  | 0.5921                              | 2.07  | 35x40         |
| 560              | 400  | 567LMX400M2EG  | 0.3657                              | 2.26  | 35x45         |
| 680              | 80   | 687LMX080M2BC  | 0.3657                              | 0.97  | 22x25         |
| 680              | 100  | 687LMX100M2BE  | 0.3657                              | 1.12  | 22x35         |
| 680              | 100  | 687LMX100M2CC  | 0.3657                              | 1.05  | 25x25         |
| 680              | 160  | 687LMX160M2BG  | 0.3657                              | 1.98  | 22x45         |
| 680              | 160  | 687LMX160M2CE  | 0.3657                              | 2.01  | 25x35         |
| 680              | 160  | 687LMX160M2DD  | 0.3657                              | 1.96  | 30x30         |
| 680              | 160  | 687LMX160M2BF  | 0.3657                              | 1.98  | 22x40         |
| 680              | 160  | 687LMX160M2DC  | 0.3657                              | 1.96  | 30x25         |
| 680              | 200  | 687LMX200M2CF  | 0.3657                              | 1.96  | 25x40         |
| 680              | 200  | 687LMX200M2CH  | 0.3657                              | 2.16  | 25x50         |
| 680              | 200  | 687LMX200M2DD  | 0.3657                              | 1.94  | 30x30         |
| 680              | 200  | 687LMX200M2DE  | 0.3657                              | 2.06  | 30x35         |
| 680              | 200  | 687LMX200M2EC  | 0.3657                              | 1.98  | 35x25         |
| 680              | 200  | 687LMX200M2BH  | 0.3657                              | 1.9   | 22x50         |
| 680              | 250  | 687LMX250M2CH  | 0.3657                              | 1.94  | 25x50         |
| 680              | 250  | 687LMX250M2DF  | 0.3657                              | 2.15  | 30x40         |
| 680              | 250  | 687LMX250M2DG  | 0.3657                              | 2.26  | 30x45         |
| 680              | 250  | 687LMX250M2ED  | 0.3657                              | 2.1   | 35x30         |
| 680              | 350  | 687LMX350M2EG  | 0.4876                              | 2.34  | 35x45         |
| 680              | 400  | 687LMX400M2EH  | 0.4876                              | 2.39  | 35x50         |
| 820              | 80   | 827LMX080M2BD  | 0.3033                              | 1.12  | 22x30         |
| 820              | 100  | 827LMX100M2BF  | 0.3033                              | 1.26  | 22x40         |
| 820              | 100  | 827LMX100M2CD  | 0.3033                              | 1.23  | 25x30         |
| 820              | 100  | 827LMX100M2DC  | 0.3033                              | 1.25  | 30x25         |
| 820              | 160  | 827LMX160M2BH  | 0.3033                              | 2.2   | 22x50         |
| 820              | 160  | 827LMX160M2CF  | 0.3033                              | 2.24  | 25x40         |
| 820              | 160  | 827LMX160M2DE  | 0.3033                              | 2.2   | 30x35         |
| 820              | 160  | 827LMX160M2BG  | 0.3033                              | 2.2   | 22x45         |
| 820              | 200  | 827LMX200M2CG  | 0.3033                              | 2.27  | 25x45         |
| 820              | 200  | 827LMX200M2DE  | 0.3033                              | 2.26  | 30x35         |
| 820              | 200  | 827LMX200M2DF  | 0.3033                              | 2.39  | 30x40         |
| 820              | 200  | 827LMX200M2ED  | 0.3033                              | 2.33  | 35x30         |
| 820              | 250  | 827LMX250M2DG  | 0.3033                              | 2.49  | 30x45         |
| 820              | 250  | 827LMX250M2DH  | 0.3033                              | 2.6   | 30x50         |

# LMX

+105°C, 5000 Hour

| Capacitance (µF) | WVDC | IC PART NUMBER | Maximum ESR (Ω) 120 Hz, +20°C | Maximum RMS Ripple Current (A) 120 Hz, +105°C | Dims DxL (mm) |
|------------------|------|----------------|-------------------------------|---|---------------|
| 820              | 250  | 827LMX250M2EE  | 0.3033                        | 2.45  | 35x35         |
| 820              | 350  | 827LMX350M2EH  | 0.4044                        | 2.62  | 35x50         |
| 1000             | 63   | 108LMX063M2BC  | 0.2487                        | 1   | 22x25         |
| 1000             | 80   | 108LMX080M2BE  | 0.2487                        | 1.7   | 22x35         |
| 1000             | 80   | 108LMX080M2CC  | 0.2487                        | 1.36  | 25x25         |
| 1000             | 100  | 108LMX100M2BG  | 0.2487                        | 1.41  | 22x45         |
| 1000             | 100  | 108LMX100M2CE  | 0.2487                        | 1.45  | 25x35         |
| 1000             | 100  | 108LMX100M2DD  | 0.2487                        | 1.42  | 30x30         |
| 1000             | 100  | 108LMX100M2EC  | 0.2487                        | 1.45  | 35x25         |
| 1000             | 160  | 108LMX160M2CG  | 0.2487                        | 2.55  | 25x45         |
| 1000             | 160  | 108LMX160M2DF  | 0.2487                        | 2.55  | 30x40         |
| 1000             | 160  | 108LMX160M2DE  | 0.2487                        | 2.55  | 30x35         |
| 1000             | 160  | 108LMX160M2EC  | 0.2487                        | 2.55  | 35x25         |
| 1000             | 200  | 108LMX200M2DF  | 0.2487                        | 2.64  | 30x40         |
| 1000             | 200  | 108LMX200M2DG  | 0.2487                        | 2.78  | 30x45         |
| 1000             | 200  | 108LMX200M2EE  | 0.2487                        | 2.74  | 35x35         |
| 1000             | 200  | 108LMX200M2CH  | 0.2487                        | 2.46  | 25x50         |
| 1000             | 250  | 108LMX250M2DP  | 0.2487                        | 3   | 30x55         |
| 1000             | 250  | 108LMX250M2EF  | 0.2487                        | 2.86  | 35x40         |
| 1000             | 250  | 108LMX250M2DH  | 0.2487                        | 2.68  | 30x50         |
| 1200             | 63   | 128LMX063M2BD  | 0.2072                        | 1.15  | 22x30         |
| 1200             | 63   | 128LMX063M2CC  | 0.2072                        | 1.15  | 25x25         |
| 1200             | 80   | 128LMX080M2BF  | 0.2072                        | 1.75  | 22x40         |
| 1200             | 80   | 128LMX080M2CD  | 0.2072                        | 1.39  | 25x30         |
| 1200             | 80   | 128LMX080M2DC  | 0.2072                        | 1.41  | 30x25         |
| 1200             | 100  | 128LMX100M2BH  | 0.2072                        | 1.6   | 22x50         |
| 1200             | 100  | 128LMX100M2CF  | 0.2072                        | 1.59  | 25x40         |
| 1200             | 100  | 128LMX100M2DE  | 0.2072                        | 1.61  | 30x35         |
| 1200             | 100  | 128LMX100M2EC  | 0.2072                        | 1.65  | 35x25         |
| 1200             | 160  | 128LMX160M2CH  | 0.2072                        | 2.93  | 25x50         |
| 1200             | 160  | 128LMX160M2DG  | 0.2072                        | 2.84  | 30x45         |
| 1200             | 160  | 128LMX160M2ED  | 0.2072                        | 2.86  | 35x30         |
| 1200             | 160  | 128LMX160M2DF  | 0.2072                        | 2.84  | 30x40         |
| 1200             | 200  | 128LMX200M2EE  | 0.2072                        | 2.88  | 35x35         |
| 1200             | 200  | 128LMX200M2DG  | 0.2072                        | 3.04  | 30x45         |
| 1200             | 200  | 128LMX200M2DH  | 0.2072                        | 3.19  | 30x50         |
| 1200             | 200  | 128LMX200M2EF  | 0.2072                        | 3.17  | 35x40         |
| 1200             | 200  | 128LMX200M2EG  | 0.2072                        | 3.33  | 35x45         |
| 1200             | 250  | 128LMX250M2EH  | 0.2072                        | 3.44  | 35x50         |
| 1200             | 250  | 128LMX250M2EP  | 0.2072                        | 3.58  | 35x55         |
| 1200             | 250  | 128LMX250M2EG  | 0.2072                        | 3.05  | 35x45         |
| 1500             | 50   | 158LMX050M2BC  | 0.221                         | 1.02  | 22x25         |
| 1500             | 63   | 158LMX063M2BE  | 0.1658                        | 1.32  | 22x35         |
| 1500             | 63   | 158LMX063M2CC  | 0.1658                        | 1.35  | 25x25         |
| 1500             | 80   | 158LMX080M2BF  | 0.1658                        | 1.8   | 22x40         |
| 1500             | 80   | 158LMX080M2CE  | 0.1658                        | 1.62  | 25x35         |
| 1500             | 80   | 158LMX080M2DC  | 0.1658                        | 1.65  | 30x25         |
| 1500             | 100  | 158LMX100M2ED  | 0.1658                        | 1.85  | 35x30         |
| 1500             | 100  | 158LMX100M2CH  | 0.1658                        | 1.86  | 25x50         |
| 1500             | 100  | 158LMX100M2DF  | 0.1658                        | 1.87  | 30x40         |
| 1500             | 160  | 158LMX160M2DH  | 0.1658                        | 3.22  | 30x50         |
| 1500             | 160  | 158LMX160M2EE  | 0.1658                        | 3.22  | 35x35         |
| 1500             | 160  | 158LMX160M2DG  | 0.1658                        | 3.17  | 30x45         |
| 1500             | 200  | 158LMX200M2EF  | 0.1658                        | 3.34  | 35x40         |
| 1500             | 200  | 158LMX200M2EG  | 0.1658                        | 3.72  | 35x45         |
| 1500             | 200  | 158LMX200M2EH  | 0.1658                        | 3.75  | 35x50         |
| 1500             | 250  | 158LMX250M2EP  | 0.1658                        | 4   | 35x55         |
| 1500             | 250  | 158LMX250M2EH  | 0.1658                        | 3.49  | 35x50         |

| Capacitance (µF) | WVDC | IC PART NUMBER | Maximum ESR (Ω) 120 Hz, +20°C | Maximum RMS Ripple Current (A) 120 Hz, +105°C | Dims DxL (mm) |
|------------------|------|----------------|-------------------------------|---|---------------|
| 1800             | 50   | 188LMX050M2BD  | 0.1842                        | 1.17  | 22x30         |
| 1800             | 50   | 188LMX050M2CC  | 0.1842                        | 1.17  | 25x25         |
| 1800             | 63   | 188LMX063M2BF  | 0.1382                        | 1.49  | 22x40         |
| 1800             | 63   | 188LMX063M2CD  | 0.1382                        | 1.45  | 25x30         |
| 1800             | 63   | 188LMX063M2DC  | 0.1382                        | 1.48  | 30x25         |
| 1800             | 80   | 188LMX080M2BF  | 0.1382                        | 1.82  | 22x40         |
| 1800             | 80   | 188LMX080M2BH  | 0.1382                        | 1.84  | 22x50         |
| 1800             | 80   | 188LMX080M2CE  | 0.1382                        | 1.85  | 25x35         |
| 1800             | 80   | 188LMX080M2CF  | 0.1382                        | 1.95  | 25x40         |
| 1800             | 80   | 188LMX080M2DD  | 0.1382                        | 1.78  | 30x30         |
| 1800             | 80   | 188LMX080M2EC  | 0.1382                        | 1.92  | 35x25         |
| 1800             | 100  | 188LMX100M2DF  | 0.1382                        | 1.95  | 30x40         |
| 1800             | 100  | 188LMX100M2DG  | 0.1382                        | 2.15  | 30x45         |
| 1800             | 100  | 188LMX100M2EE  | 0.1382                        | 2.07  | 35x35         |
| 1800             | 160  | 188LMX160M2DH  | 0.1382                        | 3.53  | 30x50         |
| 1800             | 160  | 188LMX160M2EF  | 0.1382                        | 3.66  | 35x40         |
| 1800             | 200  | 188LMX200M2EG  | 0.1382                        | 3.74  | 35x45         |
| 1800             | 200  | 188LMX200M2EH  | 0.1382                        | 4.1   | 35x50         |
| 2200             | 35   | 228LMX035M2BC  | 0.1884                        | 1.1   | 22x25         |
| 2200             | 50   | 228LMX050M2BE  | 0.1507                        | 1.33  | 22x35         |
| 2200             | 50   | 228LMX050M2CC  | 0.1507                        | 1.35  | 25x25         |
| 2200             | 63   | 228LMX063M2BG  | 0.113                         | 1.75  | 22x45         |
| 2200             | 63   | 228LMX063M2CE  | 0.113                         | 1.67  | 25x35         |
| 2200             | 63   | 228LMX063M2DD  | 0.113                         | 1.68  | 30x30         |
| 2200             | 63   | 228LMX063M2EC  | 0.113                         | 1.71  | 35x25         |
| 2200             | 80   | 228LMX080M2CH  | 0.113                         | 2.11  | 25x50         |
| 2200             | 80   | 228LMX080M2DE  | 0.113                         | 2.05  | 30x35         |
| 2200             | 80   | 228LMX080M2ED  | 0.113                         | 2.09  | 35x30         |
| 2200             | 100  | 228LMX100M2DH  | 0.113                         | 2.4   | 30x50         |
| 2200             | 100  | 228LMX100M2EF  | 0.113                         | 2.39  | 35x40         |
| 2200             | 160  | 228LMX160M2EG  | 0.113                         | 4.14  | 35x45         |
| 2700             | 50   | 278LMX050M2BF  | 0.1228                        | 1.51  | 22x40         |
| 2700             | 50   | 278LMX050M2CD  | 0.1228                        | 1.47  | 25x30         |
| 2700             | 50   | 278LMX050M2DC  | 0.1228                        | 1.5   | 30x25         |
| 2700             | 63   | 278LMX063M2BH  | 0.0921                        | 1.92  | 22x50         |
| 2700             | 63   | 278LMX063M2CF  | 0.0921                        | 1.9   | 25x40         |
| 2700             | 63   | 278LMX063M2DE  | 0.0921                        | 1.93  | 30x35         |
| 2700             | 63   | 278LMX063M2EC  | 0.0921                        | 1.95  | 35x25         |
| 2700             | 80   | 278LMX080M2DF  | 0.0921                        | 3.35  | 30x40         |
| 2700             | 80   | 278LMX080M2EE  | 0.0921                        | 2.65  | 35x35         |
| 2700             | 100  | 278LMX100M2EH  | 0.0921                        | 2.81  | 35x50         |
| 2700             | 160  | 278LMX160M2EH  | 0.0921                        | 4.68  | 35x50         |
| 3300             | 35   | 338LMX035M2BD  | 0.1063                        | 1.42  | 22x30         |
| 3300             | 35   | 338LMX035M2CC  | 0.1063                        | 1.41  | 25x25         |
| 3300             | 50   | 338LMX050M2CE  | 0.085                         | 1.7   | 25x35         |
| 3300             | 50   | 338LMX050M2DD  | 0.085                         | 1.7   | 30x30         |
| 3300             | 50   | 338LMX050M2EC  | 0.085                         | 2.2   | 35x25         |
| 3300             | 63   | 338LMX063M2CH  | 0.0638                        | 2.2   | 25x50         |
| 3300             | 63   | 338LMX063M2CG  | 0.0638                        | 2.2   | 25x45         |
| 3300             | 63   | 338LMX063M2DE  | 0.0638                        | 2.35  | 30x35         |
| 3300             | 63   | 338LMX063M2ED  | 0.0638                        | 2.18  | 35x30         |
| 3300             | 80   | 338LMX080M2DH  | 0.0638                        | 2.75  | 30x50         |
| 3300             | 80   | 338LMX080M2EF  | 0.0638                        | 2.73  | 35x40         |
| 3900             | 25   | 398LMX025M2BC  | 0.1275                        | 1.31  | 22x25         |
| 3900             | 35   | 398LMX035M2BE  | 0.1063                        | 1.58  | 22x35         |
| 3900             | 35   | 398LMX035M2CD  | 0.1063                        | 1.58  | 25x30         |
| 3900             | 50   | 398LMX050M2CF  | 0.085                         | 1.89  | 25x40         |
| 3900             | 50   | 398LMX050M2DD  | 0.085                         | 1.89  | 30x30         |

# LMX

+105°C, 5000 Hour

| Capacitance (µF) | WVDC | IC PART NUMBER | Maximum ESR (Ω)<br>120 Hz,<br>+20°C | Maximum RMS Ripple Current (A)<br>120 Hz,<br>+105°C | Dims DxL (mm) |
|------------------|------|----------------|-------------------------------------|---|---------------|
| 3900             | 50   | 398LMX050M2EC  | 0.085                               | 2.1   | 35x25         |
| 3900             | 50   | 398LMX050M2BH  | 0.085                               | 1.91  | 22x50         |
| 3900             | 63   | 398LMX063M2CH  | 0.0638                              | 2.35  | 25x50         |
| 3900             | 63   | 398LMX063M2DF  | 0.0638                              | 2.41  | 30x40         |
| 3900             | 63   | 398LMX063M2EE  | 0.0638                              | 2.43  | 35x35         |
| 4700             | 25   | 478LMX025M2BD  | 0.1058                              | 1.51  | 22x30         |
| 4700             | 25   | 478LMX025M2CC  | 0.1058                              | 1.51  | 25x25         |
| 4700             | 35   | 478LMX035M2BF  | 0.0882                              | 1.78  | 22x40         |
| 4700             | 35   | 478LMX035M2CD  | 0.0882                              | 1.7   | 25x30         |
| 4700             | 35   | 478LMX035M2DC  | 0.0882                              | 1.77  | 30x25         |
| 4700             | 50   | 478LMX050M2DE  | 0.0705                              | 2.11  | 30x35         |
| 4700             | 50   | 478LMX050M2ED  | 0.0705                              | 2.16  | 35x30         |
| 4700             | 63   | 478LMX063M2DH  | 0.0529                              | 2.8   | 30x50         |
| 4700             | 63   | 478LMX063M2EF  | 0.0529                              | 2.78  | 35x40         |
| 4700             | 80   | 478LMX080M2EH  | 0.0529                              | 3.46  | 35x50         |
| 5600             | 16   | 568LMX016M2BC  | 0.1332                              | 1.44  | 22x25         |
| 5600             | 25   | 568LMX025M2BE  | 0.0888                              | 1.7   | 22x35         |
| 5600             | 25   | 568LMX025M2CC  | 0.0888                              | 1.65  | 25x25         |
| 5600             | 35   | 568LMX035M2CE  | 0.074                               | 1.98  | 25x35         |
| 5600             | 35   | 568LMX035M2DD  | 0.074                               | 1.98  | 30x30         |
| 5600             | 35   | 568LMX035M2EC  | 0.074                               | 2.03  | 35x25         |
| 5600             | 50   | 568LMX050M2CH  | 0.0592                              | 2.38  | 25x50         |
| 5600             | 50   | 568LMX050M2DF  | 0.0592                              | 2.39  | 30x40         |
| 5600             | 50   | 568LMX050M2EE  | 0.0592                              | 2.41  | 35x35         |
| 5600             | 63   | 568LMX063M2EF  | 0.0444                              | 2.95  | 35x40         |
| 6800             | 10   | 688LMX010M2BC  | 0.1463                              | 1.3   | 22x25         |
| 6800             | 16   | 688LMX016M2CC  | 0.1097                              | 1.66  | 25x25         |
| 6800             | 16   | 688LMX016M2BD  | 0.1097                              | 1.66  | 22x30         |
| 6800             | 25   | 688LMX025M2DC  | 0.0731                              | 1.9   | 30x25         |
| 6800             | 25   | 688LMX025M2BF  | 0.0731                              | 1.92  | 22x40         |
| 6800             | 25   | 688LMX025M2CD  | 0.0731                              | 1.87  | 25x30         |
| 6800             | 35   | 688LMX035M2BH  | 0.061                               | 2.26  | 22x50         |
| 6800             | 35   | 688LMX035M2CF  | 0.061                               | 2.24  | 25x40         |
| 6800             | 50   | 688LMX050M2DH  | 0.0488                              | 2.79  | 30x50         |
| 6800             | 50   | 688LMX050M2EF  | 0.0488                              | 2.78  | 35x40         |
| 6800             | 63   | 688LMX063M2EG  | 0.0366                              | 3.25  | 35x45         |
| 6800             | 63   | 688LMX063M2EH  | 0.0366                              | 3.55  | 35x50         |
| 8200             | 16   | 828LMX016M2BE  | 0.091                               | 1.87  | 22x35         |
| 8200             | 16   | 828LMX016M2CC  | 0.091                               | 1.85  | 25x25         |
| 8200             | 25   | 828LMX025M2BG  | 0.0607                              | 2.15  | 22x45         |
| 8200             | 25   | 828LMX025M2CE  | 0.0607                              | 2.14  | 25x35         |
| 8200             | 25   | 828LMX025M2DD  | 0.0607                              | 2.16  | 30x30         |
| 8200             | 25   | 828LMX025M2EC  | 0.0607                              | 2.19  | 35x25         |
| 8200             | 35   | 828LMX035M2CH  | 0.0505                              | 2.57  | 25x50         |
| 8200             | 35   | 828LMX035M2DE  | 0.0505                              | 2.5   | 30x35         |
| 8200             | 35   | 828LMX035M2ED  | 0.0505                              | 2.55  | 35x30         |
| 8200             | 63   | 828LMX063M2EH  | 0.0303                              | 3.55  | 35x50         |
| 10000            | 10   | 109LMX010M2BD  | 0.0995                              | 1.65  | 22x30         |
| 10000            | 10   | 109LMX010M2CC  | 0.0995                              | 1.64  | 25x25         |
| 10000            | 16   | 109LMX016M2BF  | 0.0746                              | 2.12  | 22x40         |
| 10000            | 16   | 109LMX016M2CD  | 0.0746                              | 2.07  | 25x30         |
| 10000            | 16   | 109LMX016M2DC  | 0.0746                              | 2.11  | 30x25         |
| 10000            | 25   | 109LMX025M2BH  | 0.0497                              | 2.45  | 22x50         |
| 10000            | 25   | 109LMX025M2CF  | 0.0497                              | 2.43  | 25x40         |
| 10000            | 35   | 109LMX035M2DF  | 0.0414                              | 2.86  | 30x40         |

| Capacitance (µF) | WVDC | IC PART NUMBER | Maximum ESR (Ω)<br>120 Hz,<br>+20°C | Maximum RMS Ripple Current (A)<br>120 Hz,<br>+105°C | Dims DxL (mm) |
|------------------|------|----------------|-------------------------------------|---|---------------|
| 10000            | 35   | 109LMX035M2EE  | 0.0414                              | 2.88  | 35x35         |
| 10000            | 50   | 109LMX050M2EH  | 0.0332                              | 3.57  | 35x50         |
| 12000            | 10   | 129LMX010M2BE  | 0.0829                              | 1.85  | 22x35         |
| 12000            | 10   | 129LMX010M2CD  | 0.0829                              | 1.85  | 25x30         |
| 12000            | 10   | 129LMX010M2DC  | 0.0829                              | 1.89  | 30x25         |
| 12000            | 16   | 129LMX016M2BG  | 0.0622                              | 2.45  | 22x45         |
| 12000            | 16   | 129LMX016M2CE  | 0.0622                              | 2.37  | 25x35         |
| 12000            | 16   | 129LMX016M2DD  | 0.0622                              | 2.37  | 30x30         |
| 12000            | 16   | 129LMX016M2EC  | 0.0622                              | 2.42  | 35x25         |
| 12000            | 25   | 129LMX025M2CH  | 0.0414                              | 2.78  | 25x50         |
| 12000            | 25   | 129LMX025M2DE  | 0.0414                              | 2.7   | 30x35         |
| 12000            | 25   | 129LMX025M2ED  | 0.0414                              | 2.76  | 35x30         |
| 12000            | 35   | 129LMX035M2DH  | 0.0345                              | 3.32  | 30x50         |
| 12000            | 35   | 129LMX035M2EF  | 0.0345                              | 3.3   | 35x40         |
| 15000            | 10   | 159LMX010M2BF  | 0.0663                              | 2.12  | 22x40         |
| 15000            | 10   | 159LMX010M2CE  | 0.0663                              | 2.16  | 25x35         |
| 15000            | 16   | 159LMX016M2BH  | 0.0497                              | 2.74  | 22x50         |
| 15000            | 16   | 159LMX016M2CF  | 0.0497                              | 2.71  | 25x40         |
| 15000            | 16   | 159LMX016M2DD  | 0.0497                              | 2.75  | 30x30         |
| 15000            | 16   | 159LMX016M2EC  | 0.0497                              | 2.65  | 35x25         |
| 15000            | 25   | 159LMX025M2DF  | 0.0332                              | 3.13  | 30x40         |
| 15000            | 25   | 159LMX025M2EE  | 0.0332                              | 3.16  | 35x35         |
| 18000            | 10   | 189LMX010M2DD  | 0.0553                              | 2.37  | 30x30         |
| 18000            | 10   | 189LMX010M2EC  | 0.0553                              | 2.43  | 35x25         |
| 18000            | 10   | 189LMX010M2BH  | 0.0553                              | 2.45  | 22x50         |
| 18000            | 10   | 189LMX010M2CF  | 0.0553                              | 2.43  | 25x40         |
| 18000            | 16   | 189LMX016M2CH  | 0.0414                              | 3.11  | 25x50         |
| 18000            | 16   | 189LMX016M2DE  | 0.0414                              | 3.02  | 30x35         |
| 18000            | 16   | 189LMX016M2ED  | 0.0414                              | 3.09  | 35x30         |
| 18000            | 25   | 189LMX025M2EF  | 0.0276                              | 3.61  | 35x40         |
| 18000            | 25   | 189LMX025M2DH  | 0.0276                              | 3.64  | 30x50         |
| 18000            | 35   | 189LMX035M2EH  | 0.023                               | 4.29  | 35x50         |
| 22000            | 10   | 229LMX010M2BG  | 0.0452                              | 2.65  | 22x45         |
| 22000            | 10   | 229LMX010M2CF  | 0.0452                              | 2.7   | 25x40         |
| 22000            | 10   | 229LMX010M2DE  | 0.0452                              | 2.73  | 30x35         |
| 22000            | 10   | 229LMX010M2ED  | 0.0452                              | 2.79  | 35x30         |
| 22000            | 16   | 229LMX016M2DF  | 0.0339                              | 3.46  | 30x40         |
| 22000            | 16   | 229LMX016M2EE  | 0.0339                              | 3.49  | 35x35         |
| 27000            | 10   | 279LMX010M2CH  | 0.0368                              | 3.11  | 25x50         |
| 27000            | 10   | 279LMX010M2DF  | 0.0368                              | 3.13  | 30x40         |
| 27000            | 16   | 279LMX016M2DH  | 0.0276                              | 4.07  | 30x50         |
| 27000            | 16   | 279LMX016M2EF  | 0.0276                              | 4.04  | 35x40         |
| 27000            | 25   | 279LMX025M2EH  | 0.0301                              | 4.7   | 35x50         |
| 33000            | 10   | 339LMX010M2DE  | 0.0301                              | 3.48  | 30x35         |
| 33000            | 10   | 339LMX010M2EE  | 0.0301                              | 3.49  | 35x35         |
| 33000            | 10   | 339LMX010M2BH  | 0.0301                              | 3.35  | 22x50         |
| 33000            | 10   | 339LMX010M2CG  | 0.0301                              | 3.4   | 25x45         |
| 33000            | 16   | 339LMX016M2EF  | 0.0226                              | 4.65  | 35x40         |
| 39000            | 10   | 399LMX010M2DH  | 0.0255                              | 3.99  | 30x50         |
| 39000            | 10   | 399LMX010M2EH  | 0.0255                              | 3.96  | 35x40         |
| 39000            | 16   | 399LMX016M2EH  | 0.0191                              | 5.16  | 35x50         |
| 47000            | 10   | 479LMX010M2DG  | 0.0212                              | 4.15  | 30x45         |
| 47000            | 10   | 479LMX010M2EF  | 0.0212                              | 4.62  | 35x40         |
| 47000            | 10   | 479LMX010M2EH  | 0.0212                              | 4.62  | 35x50         |