

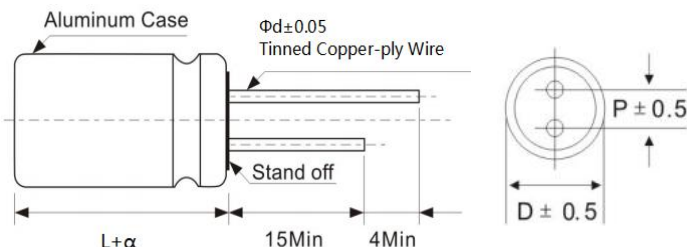
# E2 Series

- Low ESR, high ripple current
- Load life of 2000 hours at 105°C
- RoHS Compliant

## ◆ 规格表 Specifications

| 项目 Items   | 特性参数 Characteristics   |                               |   |     |     |     |          |    |    |    |    |                  |
|--|--|-------------------------------|---|-----|-----|-----|----------|----|----|----|----|------------------|
| 使用温度范围<br>Category<br>Temperature Range                              | -55 ~ +105°C   |                               |   |     |     |     |          |    |    |    |    |                  |
| 额定工作电压范围<br>Rated Voltage Range                                      | 2.5 ~ 25V  |                               |   |     |     |     |          |    |    |    |    |                  |
| 静电容量允许偏差<br>Capacitance tolerance                                    | ±20%(M) (at 20°C, 120Hz)   |                               |   |     |     |     |          |    |    |    |    |                  |
| 漏电流<br>Leakage Current   | 施加额定工作电压2分钟后读数, 小于或等于规格值 (at 20°C)<br>I ≤ 0.2CV 或 500μA (取大值)<br>Less than or equal to the specified value. After 2 minutes application of rated Voltage at 20°C   |                               |   |     |     |     |          |    |    |    |    |                  |
| 损耗角正切值 tanδ<br>Dissipation Factor                                    | Rated voltage (V)  | 2.5                           | 4 | 6.3 | 6.8 | 7.5 | 10       | 12 | 16 | 20 | 25 | (at 20°C, 120Hz) |
|  | tanδ (Max.)  | 0.08                          |   |     |     |     | 0.12     |    |    |    |    |                  |
| 温度特性<br>Low Temperature<br>Characteristics<br>(Max. Impedance Ratio) | Z(-25°C)/Z(+20°C)  | ≤ 1.25                        |   |     |     |     | (100KHz) |    |    |    |    |                  |
|  | Z(-55°C)/Z(+20°C)  | ≤ 1.25                        |   |     |     |     |          |    |    |    |    |                  |
| 耐久性<br>Endurance   | 105°C 施加额定工作电压2000小时, 恢复到20°C后, 产品性能应满足以下要求<br>The specifications listed below shall be satisfied when the capacitors are restored to 20°C after application of rated voltage for 2000 hours at 105°C.   |                               |   |     |     |     |          |    |    |    |    |                  |
|  | Appearance   | No significant damage         |   |     |     |     |          |    |    |    |    |                  |
|  | Capacitance change   | ≤ ±20% of the initial value   |   |     |     |     |          |    |    |    |    |                  |
|  | D.F.(tanδ)   | ≤ 150% of the specified value |   |     |     |     |          |    |    |    |    |                  |
|  | ESR  | ≤ 150% of the specified value |   |     |     |     |          |    |    |    |    |                  |
|  | Leakage current  | ≤ The specified value         |   |     |     |     |          |    |    |    |    |                  |
| 耐湿负荷特性<br>Damp Heat<br>(Steady State)                                | 在60°C 温度, 湿度90%~95%RH的环境中, 施加额定电压1000小时后, 恢复到20°C后, 产品性能应满足以下要求<br>The specifications listed below shall be satisfied when the capacitors are restored to 20°C after application of rated voltage for 1000 hours at 60°C, 90%~95% RH.  |                               |   |     |     |     |          |    |    |    |    |                  |
|  | Appearance   | No significant damage         |   |     |     |     |          |    |    |    |    |                  |
|  | Capacitance change   | ≤ ±20% of the initial value   |   |     |     |     |          |    |    |    |    |                  |
|  | D.F.(tanδ)   | ≤ 150% of the specified value |   |     |     |     |          |    |    |    |    |                  |
|  | ESR  | ≤ 150% of the specified value |   |     |     |     |          |    |    |    |    |                  |
|  | Leakage current  | ≤ The specified value         |   |     |     |     |          |    |    |    |    |                  |
| 浪涌电压特性<br>(Surge Voltage)  | 浪涌电压=额定电压×1.15(V)<br>Surge Voltage=Rated voltage × 1.15(V)<br>在105°C环境中, 按充电30秒; 放电5分30秒, 连续施加浪涌电压1000次(Rc=1kΩ), 待恢复后测试, 应满足以下要求<br>The capacitors shall be subjected to 1000 cycles each consisting of charge with the surge voltages specified at 105°C for 30 seconds through a protective resistor (Rc=1kΩ) and discharge for 5 minutes 30 seconds |                               |   |     |     |     |          |    |    |    |    |                  |
|  | Appearance   | No significant damage         |   |     |     |     |          |    |    |    |    |                  |
|  | Capacitance change   | ≤ ±20% of the initial value   |   |     |     |     |          |    |    |    |    |                  |
|  | D.F.(tanδ)   | ≤ 150% of the specified value |   |     |     |     |          |    |    |    |    |                  |
|  | ESR  | ≤ 150% of the specified value |   |     |     |     |          |    |    |    |    |                  |
|  | Leakage current  | ≤ The specified value         |   |     |     |     |          |    |    |    |    |                  |

## ◆ 外形图 Dimensions (mm)



|    |     |     |     |     |
|----|-----|-----|-----|-----|
| ΦD | 5   | 6.3 | 8   | 10  |
| P  | 2.0 | 2.5 | 3.5 | 5.0 |
| Φd | 0.5 | 0.6 | 0.6 | 0.6 |

|   |                   |
|---|-------------------|
| α | (L < 16) 1.0      |
|   | (16 ≤ L < 22) 1.5 |
|   | (L ≥ 22) 2.0      |

## E2 Series

### ◆ 纹波电流修正系数 Rated Ripple Current Coefficient

| 频率 Frequency(Hz) | 120Hz ≤ f < 1kHz | 1kHz ≤ f < 10kHz | 10kHz ≤ f < 100kHz | 100kHz ≤ f < 500kHz |
|------------------|------------------|------------------|--------------------|---------------------|
| 系数 Coefficient   | 0.05             | 0.30             | 0.70               | 1.00                |

### ◆ 尺寸与个技术参数一览表 Standard Ratings

| Rated voltage (V) | Rated capacitance (μF) | Case size ΦD×L(mm) | ESR(mΩ) at 20°C, 100 KHz | Leakage Current (μA) | Rated ripple current (mArms/105°C/100kHz) | Catalog Part Number |
|-------------------|------------------------|--------------------|--------------------------|----------------------|---|---------------------|
| 2.5               | 560                    | 5*8                | 18                       | 500                  | 2900                                      | 8561LJM0508E2RR000  |
|                   | 560                    | 6.3*8              | 15                       | 500                  | 3500                                      | 8561LJMAA08E2RR000  |
|                   | 680                    | 6.3*8              | 15                       | 500                  | 3500                                      | 8681LJMAA08E2RR000  |
|                   | 680                    | 8*9                | 12                       | 500                  | 5200                                      | 8681LJM0809E2RR000  |
|                   | 820                    | 6.3*8              | 15                       | 500                  | 3500                                      | 8821LJMAA08E2RR000  |
|                   | 820                    | 8*9                | 12                       | 500                  | 5200                                      | 8821LJM0809E2RR000  |
|                   | 1000                   | 8*9                | 12                       | 500                  | 5500                                      | 8102LJM0809E2RR000  |
|                   | 1000                   | 8*12               | 12                       | 500                  | 5500                                      | 8102LJM0812E2RR000  |
|                   | 1200                   | 8*9                | 12                       | 600                  | 5500                                      | 8122LJM0809E2RR000  |
|                   | 1200                   | 8*12               | 12                       | 600                  | 5500                                      | 8122LJM0812E2RR000  |
|                   | 1500                   | 8*12               | 12                       | 750                  | 5500                                      | 8152LJM08128E2RR000 |
| 4                 | 560                    | 6.3*8              | 15                       | 500                  | 3100                                      | 8561LOMAA08E2RR000  |
|                   | 560                    | 8*9                | 12                       | 500                  | 5100                                      | 8561LOM0809E2RR000  |
|                   | 680                    | 6.3*8              | 15                       | 544                  | 3500                                      | 8681LOMAA08E2RR000  |
|                   | 680                    | 8*9                | 12                       | 544                  | 5100                                      | 8681LOM0809E2RR000  |
|                   | 820                    | 6.3*9              | 15                       | 656                  | 4100                                      | 8821LOMAA09E2RR000  |
|                   | 820                    | 8*9                | 12                       | 656                  | 5100                                      | 8821LOM0809E2RR000  |
|                   | 1000                   | 6.3*12             | 15                       | 800                  | 4100                                      | 8102LOMAA12E2RR000  |
|                   | 1000                   | 8*9                | 12                       | 800                  | 5100                                      | 8102LOM0809E2RR000  |
|                   | 1200                   | 6.3*12             | 15                       | 960                  | 4500                                      | 8122LOMAA12E2RR000  |
|                   | 1200                   | 8*9                | 12                       | 960                  | 5100                                      | 8122LOM0809E2RR000  |
| 6.3               | 220                    | 5*7                | 18                       | 500                  | 2690                                      | 8221LAM0507E2RR000  |
|                   | 220                    | 5*8                | 18                       | 500                  | 2690                                      | 8221LAM0508E2RR000  |
|                   | 270                    | 5*8                | 18                       | 500                  | 2690                                      | 8271LAM0508E2RR000  |
|                   | 330                    | 5*8                | 18                       | 500                  | 2690                                      | 8331LAM0508E2RR000  |
|                   | 330                    | 6.3*8              | 15                       | 500                  | 3100                                      | 8331LAMAA08E2RR000  |
|                   | 390                    | 5*9                | 16                       | 500                  | 3100                                      | 8391LAM0509E2RR000  |
|                   | 390                    | 6.3*8              | 15                       | 500                  | 3100                                      | 8391LAMAA08E2RR000  |
|                   | 470                    | 5*9                | 15                       | 592                  | 3300                                      | 8471LAM0509E2RR000  |
|                   | 470                    | 6.3*8              | 15                       | 592                  | 4100                                      | 8471LAMAA08E2RR000  |
|                   | 560                    | 5*11               | 15                       | 706                  | 3500                                      | 8561LAM0511E2RR000  |
|                   | 560                    | 6.3*8              | 15                       | 706                  | 4100                                      | 8561LAMAA08E2RR000  |
|                   | 560                    | 8*9                | 12                       | 706                  | 5100                                      | 8561LAM0809E2RR000  |
|                   | 680                    | 5*12               | 15                       | 857                  | 4100                                      | 8681LAM0512E2RR000  |
|                   | 680                    | 6.3*8              | 15                       | 857                  | 4100                                      | 8681LAMAA08E2RR000  |
| 680               | 8*9                    | 12                 | 857                      | 5100                 | 8681LAM0809E2RR000                        |                     |

# E2 Series

## ◆ 尺寸与个技术参数一览表 Standard Ratings

| Rated voltage (V) | Rated capacitance (μF) | Case size ΦD×L(mm) | ESR(mΩ) at 20℃, 100 KHz | Leakage Current (μA) | Rated ripple current (mA <sub>rms</sub> /105℃/100kHz) | Catalog Part Number |
|-------------------|------------------------|--------------------|-------------------------|----------------------|---|---------------------|
| 6.3               | 820                    | 6.3*9              | 15                      | 1033                 | 4500  | 8821LAMAA09E2RR000  |
|                   | 820                    | 6.3*12             | 15                      | 1033                 | 4800  | 8821LAMAA12E2RR000  |
|                   | 820                    | 8*9                | 12                      | 1033                 | 5100  | 8821LAM0809E2RR000  |
|                   | 1000                   | 6.3*12             | 14                      | 1260                 | 4800  | 8102LAMAA12E2RR000  |
|                   | 1000                   | 8*9                | 12                      | 1260                 | 5100  | 8102LAM0809E2RR000  |
|                   | 1000                   | 8*12               | 12                      | 1260                 | 5500  | 8102LAM0812E2RR000  |
|                   | 1200                   | 6.3*12             | 12                      | 1512                 | 4900  | 8122LAMAA12E2RR000  |
|                   | 1200                   | 8*9                | 12                      | 1512                 | 5100  | 8122LAM0809E2RR000  |
|                   | 1200                   | 8*12               | 12                      | 1512                 | 5500  | 8122LAM0812E2RR000  |
|                   | 1500                   | 8*12               | 12                      | 1890                 | 5500  | 8152LAM0812E2RR000  |
|                   | 1500                   | 10*12.5            | 12                      | 1890                 | 5900  | 8152LAM10ABE2RR000  |
|                   | 2200                   | 10*12.5            | 12                      | 2772                 | 5900  | 8222LAM10ABE2RR000  |
| 7.5               | 270                    | 5*8                | 18                      | 500                  | 2690  | 8271LKM0508E2RR000  |
|                   | 330                    | 6.3*8              | 16                      | 500                  | 3100  | 8331LKMAA08E2RR000  |
|                   | 390                    | 6.3*8              | 16                      | 585                  | 3500  | 8391LKMAA08E2RR000  |
|                   | 470                    | 6.3*8              | 16                      | 705                  | 3500  | 8471LKMAA08E2RR000  |
|                   | 560                    | 6.3*8              | 16                      | 840                  | 3500  | 8561LKMAA08E2RR000  |
|                   | 680                    | 6.3*12             | 16                      | 1020                 | 3800  | 8681LKMAA12E2RR000  |
|                   | 680                    | 8*9                | 12                      | 1020                 | 4800  | 8681LKM0809E2RR000  |
|                   | 820                    | 6.3*12             | 16                      | 1230                 | 3800  | 8821MAA12LKE2RR000  |
|                   | 820                    | 8*9                | 12                      | 1230                 | 4800  | 8821M0809LKE2RR010  |
|                   | 1000                   | 8*9                | 12                      | 1500                 | 4800  | 8102LKM0809E2RR000  |
|                   | 1000                   | 8*12               | 12                      | 1500                 | 5100  | 8102LKM0812E2RR000  |
|                   | 1200                   | 8*12               | 12                      | 1800                 | 5100  | 8122LKM0812E2RR000  |
|                   | 1200                   | 10*12.5            | 12                      | 1800                 | 5500  | 8122LKM10ABE2RR000  |
|                   | 1500                   | 10*12.5            | 12                      | 2250                 | 5500  | 8152LKM10ABE2RR000  |
| 10                | 100                    | 5*8                | 20                      | 500                  | 1800  | 8101LBM0508E2RR000  |
|                   | 150                    | 5*8                | 20                      | 500                  | 1800  | 8151LBM0508E2RR000  |
|                   | 220                    | 5*8                | 20                      | 500                  | 2200  | 8221LBM0508E2RR000  |
|                   | 220                    | 6.3*8              | 16                      | 500                  | 2900  | 8221LBMAA08E2RR000  |
|                   | 270                    | 6.3*8              | 16                      | 540                  | 2900  | 8271LBMAA08E2RR000  |
|                   | 330                    | 5*8                | 20                      | 660                  | 2900  | 8331LBM0508E2RR000  |
|                   | 330                    | 6.3*8              | 16                      | 660                  | 3100  | 8331LBMAA08E2RR000  |
|                   | 390                    | 6.3*8              | 16                      | 780                  | 3100  | 8391LBMAA08E2RR000  |
|                   | 390                    | 6.3*12             | 16                      | 780                  | 3500  | 8391LBMAA12E2RR000  |
|                   | 470                    | 6.3*8              | 16                      | 940                  | 3100  | 8471LBMAA08E2RR000  |
|                   | 470                    | 8*9                | 14                      | 940                  | 4800  | 8471LBM0809E2RR000  |
|                   | 560                    | 6.3*9              | 16                      | 1120                 | 3500  | 8561LBMAA09E2RR000  |
|                   | 560                    | 8*9                | 16                      | 1120                 | 4800  | 8561LBM0809E2RR000  |

# E2 Series

## ◆ 尺寸与个技术参数一览表 Standard Ratings

| Rated voltage (V) | Rated capacitance (uF) | Case size ΦD×L(mm) | ESR(mΩ) at 20℃, 100 KHz | Leakage Current (μA) | Rated ripple current (mArms/105℃/100kHz) | Catalog Part Number |
|-------------------|------------------------|--------------------|-------------------------|----------------------|--|---------------------|
| 10                | 680                    | 6.3*11             | 16                      | 1360                 | 3500                                     | 8681LBMAA11E2RR000  |
|                   | 680                    | 8*9                | 14                      | 1360                 | 4800                                     | 8681LBM0809E2RR000  |
|                   | 820                    | 8*9                | 14                      | 1640                 | 4800                                     | 8821LBM0809E2RR000  |
|                   | 820                    | 8*12               | 14                      | 1640                 | 5100                                     | 8821LBM0812E2RR000  |
|                   | 1000                   | 8*12               | 14                      | 2000                 | 5100                                     | 8102LBM0812E2RR000  |
|                   | 1000                   | 10*12.5            | 14                      | 2000                 | 5500                                     | 8102LBM10ABE2RR000  |
|                   | 1500                   | 8*12               | 14                      | 3000                 | 5300                                     | 8152LBM0812E2RR000  |
|                   | 1500                   | 10*12.5            | 14                      | 3000                 | 5500                                     | 8152LBM10ABE2RR000  |
| 12                | 220                    | 5*9                | 20                      | 528                  | 2690                                     | 8221LLM0509E2RR000  |
|                   | 220                    | 6.3*8              | 18                      | 528                  | 3160                                     | 8221LLMAA08E2RR000  |
|                   | 330                    | 5*9                | 20                      | 792                  | 2800                                     | 8331LLM0509E2RR000  |
|                   | 330                    | 6.3*8              | 18                      | 792                  | 3200                                     | 8331LLMAA08E2RR000  |
|                   | 390                    | 6.3*8              | 18                      | 936                  | 3200                                     | 8391LLMAA08E2RR000  |
|                   | 470                    | 6.3*12             | 18                      | 1128                 | 3500                                     | 8471LLMAA12E2RR000  |
|                   | 470                    | 8*9                | 15                      | 1128                 | 4100                                     | 8471LLM0809E2RR000  |
|                   | 560                    | 6.3*12             | 18                      | 1344                 | 3500                                     | 8561LLMAA12E2RR000  |
|                   | 560                    | 8*9                | 15                      | 1344                 | 4100                                     | 8561LLM0809E2RR000  |
|                   | 680                    | 8*9                | 15                      | 1632                 | 4100                                     | 8681LLM0809E2RR000  |
|                   | 820                    | 8*12               | 15                      | 1968                 | 4500                                     | 8821LLM0812E2RR000  |
|                   | 1000                   | 8*12               | 15                      | 2400                 | 4500                                     | 8102LLM0812E2RR000  |
|                   | 1000                   | 10*12.5            | 12                      | 2400                 | 5200                                     | 8102LLM10ABE2RR000  |
|                   | 1200                   | 10*12.5            | 12                      | 2880                 | 5200                                     | 8122LLM10ABE2RR000  |
|                   | 1500                   | 10*12.5            | 12                      | 3600                 | 5200                                     | 8152LLM10ABE2RR000  |
|                   | 16                     | 68                 | 5*7                     | 25                   | 500                                      | 2100                |
| 100               |                        | 5*8                | 25                      | 500                  | 2100                                     | 8101LCM0508E2RR000  |
| 100               |                        | 6.3*8              | 20                      | 500                  | 2100                                     | 8101LCMAA08E2RR000  |
| 150               |                        | 5*8                | 25                      | 500                  | 2100                                     | 8151LCM0508E2RR000  |
| 220               |                        | 5*9                | 22                      | 704                  | 2690                                     | 8221LCM0509E2RR000  |
| 220               |                        | 6.3*8              | 18                      | 704                  | 3100                                     | 8221LCMAA08E2RR000  |
| 220               |                        | 5*11               | 18                      | 704                  | 3100                                     | 8221LCM0511E2RR000  |
| 220               |                        | 8*9                | 15                      | 704                  | 4100                                     | 8221LCM0809E2RR000  |
| 270               |                        | 5*11               | 18                      | 864                  | 3100                                     | 8271LCM0511E2RR000  |
| 270               |                        | 6.3*8              | 15                      | 864                  | 4100                                     | 8271LCMAA08E2RR000  |
| 270               |                        | 8*9                | 15                      | 864                  | 4500                                     | 8271LCM0809E2RR000  |
| 330               |                        | 6.3*8              | 18                      | 1056                 | 3100                                     | 8331LCMAA08E2RR000  |
| 330               |                        | 6.3*12             | 18                      | 1056                 | 4100                                     | 8331LCMAA12E2RR000  |

## ◆ 尺寸与技术参数一览表 Standard Ratings

| Rated voltage (V) | Rated capacitance (uF) | Case size ΦD×L(mm) | ESR(mΩ) at 20°C, 100 KHz | Leakage Current (μA) | Rated ripple current (mArms/105°C/100kHz) | Catalog Part Number |
|-------------------|------------------------|--------------------|--------------------------|----------------------|---|---------------------|
| 16                | 330                    | 8*9                | 15                       | 1056                 | 4100                                      | 8331LCM0809E2RR000  |
|                   | 470                    | 6.3*11             | 18                       | 1504                 | 3500                                      | 8471LCMAA11E2RR000  |
|                   | 470                    | 8*9                | 15                       | 1504                 | 4100                                      | 8471LCM0809E2RR000  |
|                   | 470                    | 8*12               | 15                       | 1504                 | 4200                                      | 8471LCM0812E2RR000  |
|                   | 470                    | 10*12              | 14                       | 1504                 | 4200                                      | 8471LCM10ABE2RR000  |
|                   | 560                    | 8*9                | 18                       | 1792                 | 3500                                      | 8561LCM0809E2RR000  |
|                   | 560                    | 8*12               | 15                       | 1792                 | 4100                                      | 8561LCM0812E2RR000  |
|                   | 680                    | 8*12               | 15                       | 2176                 | 4500                                      | 8681LCM0812E2RR000  |
|                   | 680                    | 10*12              | 14                       | 2176                 | 4500                                      | 8681LCM10ABE2RR000  |
|                   | 820                    | 8*12               | 15                       | 2624                 | 4500                                      | 8821LCM0812E2RR000  |
|                   | 820                    | 10*12              | 14                       | 2624                 | 4800                                      | 8821LCM10ABE2RR000  |
|                   | 1000                   | 8*12               | 15                       | 3200                 | 4800                                      | 8102LCM0812E2RR000  |
|                   | 1000                   | 10*12.5            | 14                       | 3200                 | 5200                                      | 8102LCM10ABE2RR000  |
|                   | 1200                   | 10*12.5            | 14                       | 4800                 | 5200                                      | 8122LCM10ABE2RR000  |
| 25                | 68                     | 6.3*8              | 40                       | 500                  | 2100                                      | 8680LDMAA08E2RR000  |
|                   | 68                     | 8*9                | 30                       | 500                  | 3500                                      | 8680LDMAA08E2RR000  |
|                   | 82                     | 6.3*8              | 40                       | 500                  | 2150                                      | 8820LDMAA08E2RR000  |
|                   | 82                     | 8*9                | 30                       | 500                  | 3800                                      | 8820LDM0809E2RR000  |
|                   | 100                    | 6.3*8              | 40                       | 500                  | 2200                                      | 8101LDMAA08E2RR000  |
|                   | 100                    | 5*9                | 40                       | 500                  | 2150                                      | 8101LDM0509E2RR000  |
|                   | 150                    | 6.3*8              | 40                       | 750                  | 4200                                      | 8151LDMAA08E2RR000  |
|                   | 150                    | 6.3*12             | 35                       | 750                  | 4300                                      | 8151LDMAA12E2RR000  |
|                   | 220                    | 6.3*8              | 40                       | 1100                 | 3800                                      | 8221LDMAA08E2RR000  |
|                   | 220                    | 6.3*12             | 35                       | 1100                 | 3800                                      | 8221LDMAA12E2RR000  |
|                   | 220                    | 8*12               | 25                       | 1100                 | 4200                                      | 8221LDM0812E2RR000  |
|                   | 220                    | 10*12              | 25                       | 1100                 | 4800                                      | 8221LDM10ABE2RR000  |
|                   | 330                    | 6.3*12             | 35                       | 1650                 | 3800                                      | 8331LDMAA12E2RR000  |
|                   | 330                    | 8*9                | 25                       | 1650                 | 4200                                      | 8331LDM0809E2RR000  |
|                   | 330                    | 8*12               | 25                       | 1650                 | 4200                                      | 8331LDM0812E2RR000  |
|                   | 330                    | 10*12              | 20                       | 1650                 | 4800                                      | 8331LDM10ABE2RR000  |
|                   | 390                    | 6.3*12             | 35                       | 1950                 | 4200                                      | 8391LDMAA12E2RR000  |
|                   | 470                    | 8*12               | 25                       | 2350                 | 4200                                      | 8471LDM0812E2RR000  |
|                   | 470                    | 10*12              | 20                       | 2350                 | 4800                                      | 8471LDM10ABE2RR000  |
|                   | 680                    | 8*12               | 25                       | 3400                 | 4200                                      | 8681LDM0812E2RR000  |
|                   | 680                    | 10*12              | 20                       | 3400                 | 4800                                      | 8681LDM10ABE2RR000  |
|                   | 820                    | 10*12.5            | 20                       | 4100                 | 4800                                      | 8821LDM10ABE2RR000  |
| 1000              | 10*12.5                | 20                 | 5000                     | 4800                 | 8102LDM10ABE2RR000                        |                     |

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