



Radial Lead Aluminum Electrolytic Capacitors

+105°C Low Impedance

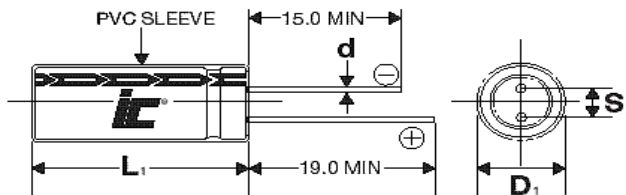
FEATURES

Standardized Case Sizes - High Ripple Current - Multiple Case Sizes

APPLICATIONS

Bypass - Coupling - Filtering - De-coupling

| | | | | | | | | | |
|---|-----------------------|---|----------------------------------|------------|-----------|------------|-------------|-----------|------------|
| Operating Temperature Range | | -55°C to +105°C | | | | | | | |
| Capacitance Tolerance | | +20% at 120 Hz, 20°C | | | | | | | |
| Surge Voltage | WVDC | 6.3 | 10 | 16 | 25 | 35 | 50 | 63 | 100 |
| | SVDC | 7.9 | 13 | 20 | 32 | 44 | 63 | 79 | 125 |
| Dissipation Factor | WVDC | 6.3 | 10 | 16 | 25 | 35 | 50 | 63 | 100 |
| | Tan δ | .22 | .19 | .16 | .14 | .12 | .1 | .1 | .1 |
| Leakage Current | | Add .02 for every 1000uF above 1000uF | | | | | | | |
| Low Temperature Stability Impedance Ratio (120 Hz) | | 2 Minutes .01CV or 3uA, Whichever is greater | | | | | | | |
| Low Temperature Stability Impedance Ratio (120 Hz) | WVDC | 6.3 | 10 | 16 | 25 | 35 | 50 | 63 | 100 |
| | -25°C to +20°C | 4 | 3 | 2 | 2 | 2 | 2 | 2 | 2 |
| | -40°C to +20°C | 8 | 6 | 4 | 3 | 3 | 3 | 3 | 3 |
| Load Life | | 5000 hours at 105°C with rated WVDC and ripple current applied (4000 hrs for D=10, 3000 Hrs for D=8, 2000 Hrs for D<6.3) | | | | | | | |
| | | Capacitance Change | ≤20% of initial measured value | | | | | | |
| | | Dissipation Factor | ≤200% of maximum specified value | | | | | | |
| | | Leakage Current | ≤100% of maximum specified value | | | | | | |
| Shelf Life | | 1000 hours at 105°C with no voltage applied | | | | | | | |
| | | Capacitance Change | ≤25% initial measured value | | | | | | |
| | | Dissipation Factor | ≤200% of maximum specified value | | | | | | |
| | | Leakage Current | ≤100% of maximum specified value | | | | | | |
| Ripple Current Multipliers | | Frequency (Hz) | | | | | | | |
| | | Capacitance | 50 | 120 | 1k | 10k | 100k | | |
| | | C≤180 | .4 | .4 | .75 | .9 | 1.0 | | |
| | | 220<C≤560 | .5 | .5 | .85 | .94 | 1.0 | | |
| | | 680<C≤1800 | .6 | .6 | .87 | .95 | 1.0 | | |
| | | 2200<C≤3900 | .75 | .75 | .9 | .95 | 1.0 | | |
| | | C≥4700 | .85 | .85 | .95 | .98 | 1.0 | | |



| | | | | | | | |
|---|-----|-----|-----|-----|------|-----|-----|
| D | 5 | 6.3 | 8 | 10 | 12.5 | 16 | 18 |
| S | 2.0 | 2.5 | 3.5 | 5.0 | 5.0 | 7.5 | 7.5 |
| d | 0.5 | 0.5 | 0.6 | 0.6 | 0.6 | 0.8 | 0.8 |

L₁=L+1.5 mm Max. (L<20mm)
 L₁=L+2.0 mm Max. (L≥20mm)
 D₁=D+0.5 mm Max.
 S₁=S+0.5 mm



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KXM

+105°C, High Voltage Low Impedance Long Life, 5000 hours

| Capacitance (μF) | WVDC | IC PART NUMBER | Maximum ESR (Ω) 120 Hz, +20°C | Impedance Ω +20°C/-10°C, 100kHz | Maximum RMS Ripple Current (mA) 100 kHz, +105°C | Dims DxL (mm) |
|------------------|------|----------------|-------------------------------|---------------------------------|---|---------------|
| 1 | 100 | 105KXM100M | 132.629 | 17/46 | 26 | 5x11 |
| 1.5 | 100 | 155KXM100M | 88.419 | 10/27 | 33 | 5x11 |
| 2.2 | 100 | 225KXM100M | 75.3575 | 6.8/18.36 | 45 | 5x11 |
| 3.3 | 100 | 335KXM100M | 40.191 | 4.15/11.205 | 55 | 5x11 |
| 4.7 | 50 | 475KXM050M | 35.2737 | 1.699/5.096 | 80 | 5x11 |
| 4.7 | 100 | 475KXM100M | 35.2737 | 3/8.1 | 70 | 6.3x11 |
| 6.8 | 100 | 685KXM100M | 24.38 | 2/5.4 | 85 | 6.3x11 |
| 10 | 50 | 106KXM050M | 16.579 | 0.55/3.992 | 240 | 5x11 |
| 10 | 63 | 106KXM063M | 16.579 | 1.08/2.16 | 137 | 5x11 |
| 10 | 100 | 106KXM100M | 16.579 | 1/3.375 | 150 | 6.3x11 |
| 12 | 63 | 126KXM063M | 11.0524 | 0.95/1.9 | 148 | 5x11 |
| 12 | 100 | 126KXM100M | 11.0524 | 1/2.7 | 115 | 6.3x11 |
| 15 | 63 | 156KXM063M | 8.842 | 0.75/1.5 | 185 | 6.3x11 |
| 15 | 100 | 156KXM100M | 8.842 | 0.82/2.214 | 132 | 6.3x15 |
| 18 | 63 | 186KXM063M | 7.3683 | 0.64/1.28 | 198 | 6.3x11 |
| 18 | 100 | 186KXM100M | 7.3683 | 0.39/1.863 | 155 | 6.3x15 |
| 22 | 50 | 226KXM050M | 7.5357 | 0.34/1.18 | 238 | 5x11 |
| 22 | 63 | 226KXM063M | 7.5357 | 0.05/1.06 | 250 | 6.3x11 |
| 22 | 100 | 226KXM100M | 7.5357 | 0.8/1.54 | 370 | 8x11.5 |
| 27 | 63 | 276KXM063M | 6.1402 | 0.43/0.86 | 240 | 6.3x11 |
| 27 | 100 | 276KXM100M | 6.1402 | 0.05/1.4 | 270 | 10x12.5 |
| 27 | 100 | 276KXM100MJP | 6.1402 | 0.48/1.3 | 280 | 8x16 |
| 33 | 35 | 336KXM035M | 6.0286 | 0.3/1 | 250 | 5x11 |
| 33 | 50 | 336KXM050M | 5.0238 | 0.564/1.411 | 230 | 6.3x11 |
| 33 | 63 | 336KXM063M | 5.0238 | 0.36/0.72 | 308 | 6.3x15 |
| 33 | 100 | 336KXM100M | 5.0238 | 0.44/1.19 | 295 | 10x12.5 |
| 33 | 100 | 336KXM100MJP | 5.0238 | 0.4/1.08 | 300 | 8x16 |
| 39 | 63 | 396KXM063M | 4.2509 | 0.31/0.62 | 325 | 6.3x15 |
| 39 | 100 | 396KXM100M | 4.2509 | 0.38/1.03 | 340 | 10x15 |
| 39 | 100 | 396KXM100MJU | 4.2509 | 0.34/0.92 | 350 | 8x20 |
| 47 | 25 | 476KXM025M | 4.9383 | 0.3/1 | 250 | 5x11 |
| 47 | 50 | 476KXM050M | 3.5274 | 0.24/1.132 | 320 | 6.3x11 |
| 47 | 63 | 476KXM063M | 3.5274 | 0.22/0.81 | 480 | 8x11.5 |
| 47 | 100 | 476KXM100M | 3.5274 | 0.3/0.81 | 420 | 10x20 |
| 47 | 100 | 476KXM100MNP | 3.5274 | 0.33/0.89 | 400 | 12.5x15 |
| 56 | 16 | 566KXM016M | 4.7368 | 0.3/1 | 250 | 5x11 |
| 56 | 35 | 566KXM035M | 3.5526 | 0.25/0.41 | 350 | 6.3x11 |
| 56 | 50 | 566KXM050M | 2.9605 | 0.14/0.5 | 385 | 6.3x11 |
| 56 | 63 | 566KXM063M | 2.9605 | 0.24/0.48 | 445 | 10x12.5 |
| 56 | 63 | 566KXM063MJP | 2.9605 | 0.22/0.44 | 460 | 8x16 |
| 56 | 100 | 566KXM100M | 2.9605 | 0.25/0.675 | 455 | 10x20 |
| 56 | 100 | 566KXM100MNP | 2.9605 | 0.29/0.78 | 430 | 12.5x15 |
| 68 | 16 | 686KXM016M | 3.9009 | 0.5/1.25 | 180 | 5x11 |
| 68 | 35 | 686KXM035M | 2.9256 | 0.397/0.991 | 280 | 6.3x11 |
| 68 | 50 | 686KXM050M | 2.438 | 0.352/0.88 | 380 | 8x11.5 |
| 68 | 63 | 686KXM063M | 2.438 | 0.2/0.4 | 500 | 10x12.5 |
| 68 | 63 | 686KXM063MJP | 2.438 | 0.18/0.36 | 510 | 8x16 |
| 68 | 100 | 686KXM100M | 2.438 | 0.22/0.594 | 530 | 10x25 |
| 68 | 100 | 686KXM100MNP | 2.438 | 0.25/0.675 | 465 | 12.5x15 |
| 82 | 63 | 826KXM063M | 2.0218 | 0.16/0.32 | 580 | 10x15 |
| 82 | 63 | 826KXM063MJU | 2.0218 | 0.17/0.34 | 600 | 8x20 |
| 82 | 100 | 826KXM100M | 2.0218 | 0.2/0.54 | 610 | 10x30 |
| 82 | 100 | 826KXM100MQP | 2.0218 | 0.21/0.567 | 680 | 16x15 |
| 100 | 10 | 107KXM010M | 3.1499 | 0.3/1 | 250 | 5x11 |
| 100 | 25 | 107KXM025M | 2.321 | 0.13/0.41 | 410 | 6.3x11 |
| 100 | 50 | 107KXM050M | 1.6579 | 0.1/0.24 | 610 | 8x11.5 |
| 100 | 63 | 107KXM063M | 1.6579 | 0.13/0.26 | 748 | 10x20 |
| 100 | 63 | 107KXM063MNP | 1.6579 | 0.15/0.3 | 700 | 12.5x15 |

| Capacitance (μF) | WVDC | IC PART NUMBER | Maximum ESR (Ω) 120 Hz, +20°C | Impedance Ω +20°C/-10°C, 100kHz | Maximum RMS Ripple Current (mA) 100 kHz, +105°C | Dims DxL (mm) |
|------------------|------|----------------|-------------------------------|---------------------------------|---|---------------|
| 100 | 100 | 107KXM100M | 1.6579 | 0.16/0.432 | 660 | 10x30 |
| 100 | 100 | 107KXM100MQP | 1.6579 | 0.18/0.486 | 715 | 16x15 |
| 120 | 16 | 127KXM016M | 2.2105 | 0.13/0.41 | 405 | 6.3x11 |
| 120 | 50 | 127KXM050M | 1.3816 | 0.061/0.18 | 950 | 8x15 |
| 120 | 63 | 127KXM063M | 1.3816 | 0.11/0.22 | 820 | 10x20 |
| 120 | 63 | 127KXM063MNP | 1.3816 | 0.125/0.15 | 755 | 12.5x15 |
| 120 | 100 | 127KXM100M | 1.3816 | 0.135/0.351 | 770 | 12.5x25 |
| 120 | 100 | 127KXM100MQP | 1.3816 | 0.15/0.405 | 795 | 16x15 |
| 150 | 6.3 | 157KXM6R3M | 2.4315 | 0.3/1 | 250 | 5x11 |
| 150 | 35 | 157KXM035M | 1.3263 | 0.072/0.22 | 760 | 8x11.5 |
| 150 | 50 | 157KXM050M | 1.1052 | 0.061/0.18 | 979 | 10x12.5 |
| 150 | 63 | 157KXM063M | 1.1052 | 0.092/0.184 | 940 | 10x25 |
| 150 | 63 | 157KXM063MNP | 1.1052 | 0.095/0.19 | 847 | 12.5x15 |
| 150 | 100 | 157KXM100M | 1.1052 | 0.12/0.324 | 800 | 12.5x25 |
| 150 | 100 | 157KXM100MRP | 1.1052 | 0.13/0.351 | 915 | 18x15 |
| 180 | 50 | 187KXM050M | 0.921 | 0.046/0.14 | 1190 | 8x20 |
| 180 | 63 | 187KXM063M | 0.921 | 0.077/0.154 | 1100 | 10x30 |
| 180 | 63 | 187KXM063MQP | 0.921 | 0.082/0.164 | 1025 | 16x15 |
| 180 | 100 | 187KXM100M | 0.921 | 0.1/0.27 | 900 | 12.5x30 |
| 180 | 100 | 187KXM100MQU | 0.921 | 0.11/0.3 | 995 | 16x20 |
| 220 | 10 | 227KXM010M | 1.4318 | 0.13/0.41 | 405 | 6.3x11 |
| 220 | 25 | 227KXM025M | 1.055 | 0.072/0.22 | 760 | 8x11.5 |
| 220 | 35 | 227KXM035M | 0.9043 | 0.065/0.17 | 980 | 8x16 |
| 220 | 35 | 227KXM035MLN | 0.9043 | 0.06/0.319 | 1050 | 10x12.5 |
| 220 | 50 | 227KXM050M | 0.7536 | 0.06/0.12 | 1136 | 10x16 |
| 220 | 63 | 227KXM063M | 0.6029 | 0.067/0.134 | 1145 | 12.5x20 |
| 220 | 63 | 227KXM063MQP | 0.6029 | 0.072/0.144 | 1125 | 16x15 |
| 220 | 100 | 227KXM100M | 0.6029 | 0.088/0.238 | 1000 | 12.5x35 |
| 220 | 100 | 227KXM100MQV | 0.6029 | 0.094/0.254 | 1150 | 16x25 |
| 270 | 35 | 277KXM035M | 0.7368 | 0.041/0.13 | 1250 | 8x20 |
| 270 | 50 | 277KXM050M | 0.614 | 0.03/0.09 | 1580 | 10x20 |
| 270 | 63 | 277KXM063M | 0.614 | 0.056/0.112 | 1350 | 12.5x25 |
| 270 | 63 | 277KXM063MRP | 0.614 | 0.06/0.12 | 1300 | 18x15 |
| 270 | 100 | 277KXM100M | 0.614 | 0.074/0.2 | 1110 | 12.5x40 |
| 270 | 100 | 277KXM100MRU | 0.614 | 0.082/0.221 | 1225 | 18x20 |
| 330 | 6.3 | 337KXM6R3M | 1.1052 | 0.13/0.41 | 405 | 6.3x11 |
| 330 | 16 | 337KXM016M | 0.8038 | 0.072/0.22 | 760 | 8x11.5 |
| 330 | 25 | 337KXM025M | 0.7033 | 0.056/0.17 | 995 | 8x16 |
| 330 | 25 | 337KXM025MLN | 0.8038 | 0.053/0.17 | 1030 | 10x12.5 |
| 330 | 35 | 337KXM035M | 0.6029 | 0.038/0.12 | 1430 | 10x16 |
| 330 | 50 | 337KXM050M | 0.5024 | 0.028/0.085 | 1870 | 10x25 |
| 330 | 63 | 337KXM063M | 0.5024 | 0.05/0.1 | 1425 | 12.5x25 |
| 330 | 63 | 337KXM063MRP | 0.5024 | 0.051/0.102 | 1400 | 18x15 |
| 330 | 100 | 337KXM100M | 0.5024 | 0.065/0.176 | 1520 | 16x30 |
| 330 | 100 | 337KXM100MRV | 0.5024 | 0.072/0.194 | 1425 | 18x25 |
| 390 | 63 | 397KXM063M | 0.4251 | 0.044/0.088 | 1625 | 12.5x30 |
| 390 | 63 | 397KXM063MQU | 0.4251 | 0.047/0.094 | 1500 | 16x20 |
| 390 | 100 | 397KXM100M | 0.4251 | 0.055/0.149 | 1725 | 16x35 |
| 390 | 100 | 397KXM100MRW | 0.4251 | 0.063/0.17 | 1600 | 18x30 |
| 470 | 10 | 477KXM010M | 0.6702 | 0.072/0.22 | 760 | 8x11.5 |
| 470 | 16 | 477KXM016M | 0.5644 | 0.056/0.17 | 995 | 8x16 |
| 470 | 16 | 477KXM016MLN | 0.5644 | 0.053/0.233 | 1030 | 10x12.5 |
| 470 | 25 | 477KXM025MLQ | 0.4938 | 0.038/0.221 | 1430 | 10x16 |
| 470 | 25 | 477KXM025M | 0.4938 | 0.041/0.13 | 1250 | 8x20 |
| 470 | 35 | 477KXM035M | 0.4233 | 0.023/0.069 | 1820 | 10x20 |
| 470 | 50 | 477KXM050M | 0.3527 | 0.035/0.068 | 1900 | 12.5x20 |
| 470 | 63 | 477KXM063M | 0.3527 | 0.04/0.08 | 1785 | 12.5x35 |
| 470 | 63 | 477KXM063MQV | 0.3527 | 0.042/0.084 | 1700 | 16x25 |

KXM

+105°C, High Voltage Low Impedance Long Life, 5000 hours

| Capacitance (µF) | WVDC | IC PART NUMBER | Maximum ESR (Ω) 120 Hz, +20°C | Impedance Ω +20°C/-10°C, 100kHz | Maximum RMS Ripple Current (mA) 100 kHz, +105°C | Dims DxDL (mm) |
|------------------|------|----------------|-------------------------------|---------------------------------|---|----------------|
| 470 | 100 | 477KXM100M | 0.3527 | 0.049/0.132 | 1920 | 16x40 |
| 470 | 100 | 477KXM100MR | 0.3527 | 0.056/0.157 | 1775 | 18x35 |
| 560 | 6.3 | 567KXM6R3M | 0.6513 | 0.072/0.22 | 760 | 8x11.5 |
| 560 | 35 | 567KXM035M | 0.3553 | 0.022/0.066 | 2150 | 10x25 |
| 560 | 50 | 567KXM050M | 0.296 | 0.023/0.059 | 2410 | 12.5x25 |
| 560 | 63 | 567KXM063M | 0.296 | 0.036/0.072 | 1950 | 12.5x40 |
| 560 | 63 | 567KXM063MRU | 0.296 | 0.04/0.08 | 1725 | 18x20 |
| 560 | 100 | 567KXM100M | 0.296 | 0.043/0.116 | 2050 | 18x35 |
| 680 | 10 | 687KXM010MLN | 0.4632 | 0.077/0.194 | 760 | 10x12.5 |
| 680 | 10 | 687KXM010M | 0.4632 | 0.056/0.17 | 995 | 8x16 |
| 680 | 16 | 687KXM016M | 0.3901 | 0.041/0.13 | 1250 | 8x20 |
| 680 | 16 | 687KXM016MLQ | 0.3901 | 0.074/0.184 | 880 | 10x16 |
| 680 | 25 | 687KXM025M | 0.3413 | 0.023/0.069 | 1820 | 10x20 |
| 680 | 35 | 687KXM035M | 0.2926 | 0.021/0.053 | 2150 | 12.5x20 |
| 680 | 50 | 687KXM050M | 0.2438 | 0.021/0.052 | 2860 | 12.5x30 |
| 680 | 63 | 687KXM063M | 0.195 | 0.033/0.066 | 2050 | 16x30 |
| 680 | 63 | 687KXM063MRV | 0.195 | 0.036/0.072 | 1950 | 18x25 |
| 680 | 100 | 687KXM100M | 0.195 | 0.038/0.103 | 2300 | 18x40 |
| 820 | 6.3 | 827KXM6R3M | 0.4448 | 0.056/0.17 | 995 | 8x16 |
| 820 | 25 | 827KXM025M | 0.283 | 0.022/0.066 | 2150 | 10x25 |
| 820 | 50 | 827KXM050M | 0.2022 | 0.019/0.023 | 3960 | 12.5x35 |
| 820 | 63 | 827KXM063M | 0.2022 | 0.03/0.06 | 2225 | 16x35 |
| 820 | 63 | 827KXM063MRW | 0.2022 | 0.032/0.064 | 2100 | 18x30 |
| 1000 | 6.3 | 108KXM6R3M | 0.3647 | 0.053/0.16 | 1030 | 10x12.5 |
| 1000 | 10 | 108KXM010MLQ | 0.315 | 0.063/0.158 | 1430 | 10x16 |
| 1000 | 10 | 108KXM010M | 0.315 | 0.041/0.13 | 1250 | 8x20 |
| 1000 | 16 | 108KXM016M | 0.2653 | 0.023/0.069 | 1820 | 10x20 |
| 1000 | 25 | 108KXM025M | 0.2321 | 0.021/0.053 | 2360 | 12.5x20 |
| 1000 | 35 | 108KXM035M | 0.1989 | 0.018/0.045 | 2770 | 12.5x25 |
| 1000 | 50 | 108KXM050M | 0.1658 | 0.021/0.056 | 2850 | 16x25 |
| 1000 | 63 | 108KXM063M | 0.1658 | 0.028/0.056 | 2375 | 16x40 |
| 1000 | 63 | 108KXM063MR | 0.1658 | 0.03/0.06 | 2280 | 18x35 |
| 1200 | 6.3 | 128KXM6R3MLQ | 0.3039 | 0.058/0.144 | 1430 | 10x16 |
| 1200 | 6.3 | 128KXM6R3M | 0.3039 | 0.041/0.13 | 1250 | 8x20 |
| 1200 | 10 | 128KXM010M | 0.2901 | 0.023/0.069 | 1820 | 10x20 |
| 1200 | 16 | 128KXM016M | 0.221 | 0.022/0.066 | 2150 | 10x25 |
| 1200 | 25 | 128KXM025M | 0.1934 | 0.05/0.124 | 1730 | 12.5x20 |
| 1200 | 35 | 128KXM035M | 0.1658 | 0.016/0.041 | 3290 | 12.5x30 |
| 1200 | 50 | 128KXM050M | 0.1382 | 0.042/0.083 | 2710 | 16x30 |
| 1200 | 63 | 128KXM063M | 0.1243 | 0.026/0.052 | 2500 | 18x40 |
| 1500 | 6.3 | 158KXM6R3M | 0.2432 | 0.023/0.069 | 1820 | 10x20 |
| 1500 | 10 | 158KXM010M | 0.21 | 0.022/0.066 | 2150 | 10x25 |

| Capacitance (µF) | WVDC | IC PART NUMBER | Maximum ESR (Ω) 120 Hz, +20°C | Impedance Ω +20°C/-10°C, 100kHz | Maximum RMS Ripple Current (mA) 100 kHz, +105°C | Dims DxDL (mm) |
|------------------|------|----------------|-------------------------------|---------------------------------|---|----------------|
| 1500 | 16 | 158KXM016M | 0.1768 | 0.021/0.053 | 2360 | 12.5x20 |
| 1500 | 25 | 158KXM025M | 0.1547 | 0.018/0.045 | 2770 | 12.5x25 |
| 1500 | 35 | 158KXM035M | 0.1326 | 0.015/0.039 | 3400 | 12.5x35 |
| 1500 | 35 | 158KXM035MQV | 0.1326 | 0.04/0.079 | 2700 | 16x25 |
| 1500 | 50 | 158KXM050M | 0.1326 | 0.035/0.071 | 3010 | 16x35 |
| 1800 | 25 | 188KXM025M | 0.1289 | 0.016/0.041 | 3290 | 12.5x30 |
| 1800 | 35 | 188KXM035M | 0.1105 | 0.016/0.043 | 3460 | 16x25 |
| 2200 | 6.3 | 228KXM6R3M | 0.1658 | 0.022/0.066 | 1980 | 10x25 |
| 2200 | 10 | 228KXM010M | 0.1733 | 0.021/0.053 | 2150 | 12.5x20 |
| 2200 | 16 | 228KXM016M | 0.1206 | 0.018/0.045 | 2770 | 12.5x25 |
| 2200 | 25 | 228KXM025M | 0.1055 | 0.015/0.039 | 3400 | 12.5x35 |
| 2200 | 25 | 228KXM025MQV | 0.1055 | 0.032/0.065 | 2390 | 16x25 |
| 2200 | 35 | 228KXM035M | 0.0904 | 0.031/0.077 | 2880 | 16x30 |
| 2200 | 50 | 228KXM050M | 0.1055 | 0.027/0.055 | 3690 | 18x35 |
| 2700 | 16 | 278KXM016M | 0.0982 | 0.016/0.041 | 3290 | 12.5x30 |
| 2700 | 25 | 278KXM025M | 0.086 | 0.016/0.043 | 3000 | 16x25 |
| 3300 | 6.3 | 338KXM6R3M | 0.1105 | 0.021/0.053 | 2080 | 12.5x20 |
| 3300 | 10 | 338KXM010M | 0.0955 | 0.018/0.045 | 2770 | 12.5x25 |
| 3300 | 16 | 338KXM016M | 0.0804 | 0.015/0.039 | 3150 | 12.5x35 |
| 3300 | 16 | 338KXM016MQV | 0.0804 | 0.029/0.057 | 2200 | 16x25 |
| 3300 | 25 | 338KXM025M | 0.0703 | 0.027/0.054 | 3020 | 16x30 |
| 3300 | 35 | 338KXM035M | 0.0603 | 0.026/0.064 | 3650 | 18x35 |
| 3300 | 50 | 338KXM050M | 0.0804 | 0.023/0.046 | 4350 | 18x40 |
| 3900 | 6.3 | 398KXM6R3M | 0.0935 | 0.018/0.045 | 2470 | 12.5x25 |
| 3900 | 10 | 398KXM010M | 0.0808 | 0.016/0.041 | 3290 | 12.5x30 |
| 3900 | 16 | 398KXM016M | 0.068 | 0.016/0.043 | 3460 | 16x25 |
| 4700 | 6.3 | 478KXM6R3M | 0.0776 | 0.016/0.041 | 3290 | 12.5x30 |
| 4700 | 10 | 478KXM010M | 0.067 | 0.015/0.039 | 3400 | 12.5x35 |
| 4700 | 10 | 478KXM010MQV | 0.067 | 0.025/0.051 | 2350 | 16x25 |
| 4700 | 16 | 478KXM016M | 0.0564 | 0.024/0.048 | 2670 | 16x30 |
| 4700 | 25 | 478KXM025M | 0.0494 | 0.023/0.046 | 3700 | 18x35 |
| 5600 | 6.3 | 568KXM6R3M | 0.0651 | 0.015/0.039 | 3400 | 12.5x35 |
| 5600 | 10 | 568KXM010M | 0.0562 | 0.016/0.043 | 3018 | 16x25 |
| 6800 | 6.3 | 688KXM6R3M | 0.0536 | 0.016/0.043 | 3250 | 16x25 |
| 6800 | 10 | 688KXM010M | 0.0463 | 0.023/0.045 | 2850 | 16x30 |
| 6800 | 16 | 688KXM016M | 0.039 | 0.022/0.043 | 3280 | 18x35 |
| 10000 | 6.3 | 109KXM6R3M | 0.0365 | 0.022/0.043 | 3000 | 16x30 |
| 10000 | 10 | 109KXM010M | 0.0315 | 0.021/0.041 | 3430 | 18x35 |
| 10000 | 16 | 109KXM016M | 0.0265 | 0.019/0.039 | 3670 | 18x40 |
| 15000 | 6.3 | 159KXM6R3M | 0.0243 | 0.02/0.041 | 3610 | 18x35 |
| 15000 | 10 | 159KXM010M | 0.021 | 0.019/0.039 | 3850 | 18x40 |