



**THE DATASHEET OF
UPM1H101MPD**



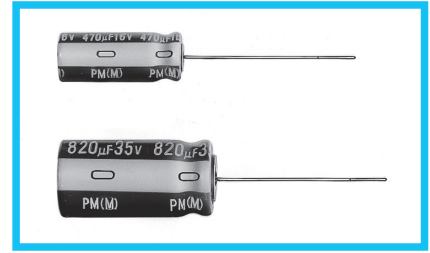
ALUMINUM ELECTROLYTIC CAPACITORS

UPM

Low Impedance, High Reliability



Low Impedance Long Life



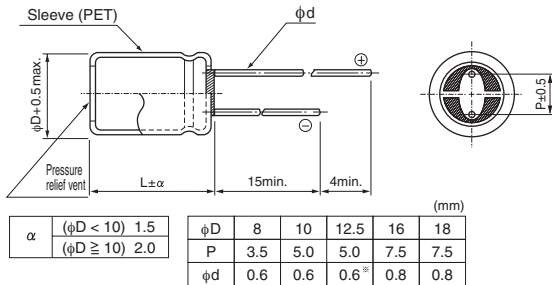
- High reliability withstanding 5000 hour load life at +105°C (3000 hours for smaller case sizes as specified below).
- Capacitance ranges available based on the numerical values in E12 series under JIS.
- Compliant to the RoHS directive (2011/65/EU,(EU)2015/863).
- AEC-Q200 Qualified. Please contact us for details.

Specifications

| Item | Performance Characteristics | |
|-------------------------------|---|---|
| Category Temperature Range | -55 to +105°C | |
| Rated Voltage Range | 6.3 to 100V | |
| Rated Capacitance Range | 22 to 15000µF | |
| Capacitance Tolerance | ±20% at 120Hz, 20°C | |
| Leakage Current ※ | After 1 minute's application of rated voltage at 20°C, leakage current is not more than 0.03CV(µA). | |
| Tangent of loss angle (tan δ) | For capacitance of more than 1000µF, add 0.02 for every increase of 1000µF. Measurement frequency : 120Hz at 20°C | |
| | Rated Voltage (V) | 6.3 10 16 25 35 50 63 to 100 |
| Stability at Low Temperature | tan δ (max.) | 0.22 0.19 0.16 0.14 0.12 0.10 0.08 |
| | Rated voltage (V) | 6.3 · 10 16 25 · 35 50 to 100 |
| Endurance | Impedance ratio (max.) | Z(-55°C) / Z(+20°C) |
| | Impedance ratio (max.) | 4 3 3 2 |
| | Measurement frequency | 120Hz |
| Shelf Life | The specifications listed below shall be met when the capacitors are restored to 20°C after D.C. bias plus rated ripple current is applied at 105°C for the condition listed at right. The peak voltage shall not exceed the rated voltage. | |
| | Rated Voltage | φD(mm) φ8 ≥φ10 |
| | 6.3~100V | 3000hrs. 5000hrs. |
| Marking | Capacitance change | Within ±20% of the initial capacitance value |
| | tan δ | 200% or less than the initial specified value |
| | Leakage current | Less than or equal to the initial specified value |
| Shelf Life | After storing the capacitors under no load at 105°C for 1000 hours and then performing voltage treatment based on JIS C 5101-4 clause 4.1 at 20°C, they shall meet the characteristic requirements listed at right. | |
| | Capacitance change | Within ±20% of the initial capacitance value |
| | tan δ | 150% or less than the initial specified value |
| Marking | Printed with white color letter on dark brown sleeve. | |
| | Leakage current | Less than or equal to the initial specified value |
| | Leakage current | Less than or equal to the initial specified value |

※ I : Leakage Current (µA), C : Rated Capacitance (µF), V : Rated Voltage (V)

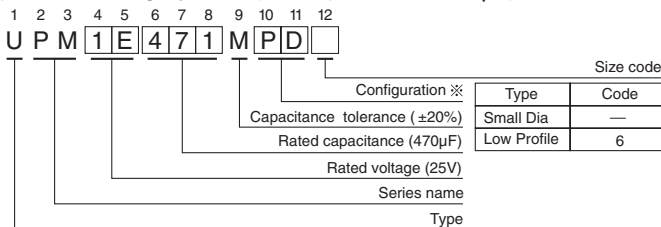
Radial Lead Type



※In case L > 25 for the φ12.5 dia. unit, lead dia. φ d = 0.8mm.

- Please refer to the Guidelines for Aluminum Electrolytic Capacitors for end seal configuration information.

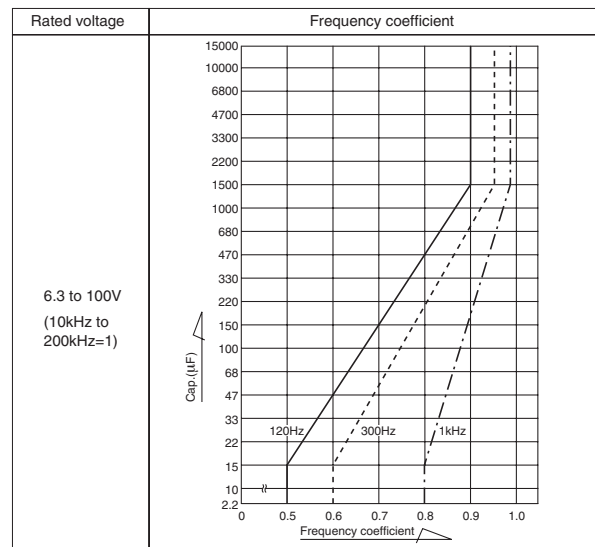
Type numbering system (Example : 25V 470µF)



※ Configuration

| φ D | Pb-free leadwire Pb-free PET sleeve |
|------------|--|
| 8 · 10 | PD |
| 12.5 to 18 | HD |

Frequency coefficient of rated ripple current



● Dimension table in next page.

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■ Dimensions

| Rated Voltage (V) (code) | Rated Capacitance (μ F) | Case Size ϕ D \times L (mm) | tan δ | Leakage Current (μ A) (at 20°C after 1 minute) | Impedance (Ω) max. | | Rated Ripple (mArms) | | Part Number |
|--------------------------------|---------------------------------|---------------------------------------|--------------|--|--------------------------------|------------------|---------------------------|-----------------|--------------|
| | | | | | 20°C/ 100kHz | -10°C/ 100kHz | 105°C/ 10 to 200kHz | 105°C/ 120Hz | |
| 6.3 (0J) | 390 | 8 \times 11.5 | 0.22 | 73.71 | 0.17 | 0.34 | 445 | 345 | UPM0J391MPD |
| | 470 | 8 \times 15 | 0.22 | 88.83 | 0.14 | 0.28 | 550 | 440 | UPM0J471MPD |
| | 470 | 10 \times 12.5 | 0.22 | 88.83 | 0.14 | 0.28 | 635 | 505 | UPM0J471MPD6 |
| | 560 | 8 \times 15 | 0.22 | 105.84 | 0.12 | 0.24 | 595 | 485 | UPM0J561MPD |
| | 560 | 10 \times 12.5 | 0.22 | 105.84 | 0.13 | 0.26 | 670 | 545 | UPM0J561MPD6 |
| | 680 | 8 \times 20 | 0.22 | 128.52 | 0.10 | 0.20 | 730 | 605 | UPM0J681MPD |
| | 680 | 10 \times 16 | 0.22 | 128.52 | 0.11 | 0.22 | 825 | 685 | UPM0J681MPD6 |
| | 820 | 8 \times 20 | 0.22 | 154.98 | 0.085 | 0.17 | 795 | 675 | UPM0J821MPD |
| | 820 | 10 \times 16 | 0.22 | 154.98 | 0.095 | 0.19 | 840 | 715 | UPM0J821MPD6 |
| | 1000 | 10 \times 20 | 0.22 | 189 | 0.075 | 0.15 | 950 | 820 | UPM0J102MPD |
| | 1000 | 12.5 \times 15 | 0.22 | 189 | 0.085 | 0.17 | 890 | 770 | UPM0J102MHD6 |
| | 1200 | 10 \times 20 | 0.22 | 226.8 | 0.065 | 0.13 | 1060 | 930 | UPM0J122MPD |
| | 1200 | 12.5 \times 15 | 0.22 | 226.8 | 0.075 | 0.15 | 950 | 835 | UPM0J122MHD6 |
| | 1500 | 10 \times 25 | 0.22 | 283.5 | 0.055 | 0.11 | 1260 | 1130 | UPM0J152MPD |
| | 1500 | 12.5 \times 15 | 0.22 | 283.5 | 0.065 | 0.13 | 1020 | 915 | UPM0J152MHD6 |
| | 1800 | 10 \times 30.5 | 0.22 | 340.2 | 0.050 | 0.10 | 1370 | 1230 | UPM0J182MPD |
| | 1800 | 16 \times 15 | 0.22 | 340.2 | 0.055 | 0.11 | 1270 | 1140 | UPM0J182MHD6 |
| | 2200 | 10 \times 30.5 | 0.24 | 415.8 | 0.043 | 0.086 | 1470 | 1320 | UPM0J222MPD |
| | 2200 | 16 \times 15 | 0.24 | 415.8 | 0.049 | 0.098 | 1340 | 1200 | UPM0J222MHD6 |
| | 2700 | 12.5 \times 25 | 0.24 | 510.3 | 0.038 | 0.076 | 1700 | 1530 | UPM0J272MHD |
| | 2700 | 18 \times 15 | 0.24 | 510.3 | 0.044 | 0.088 | 1500 | 1350 | UPM0J272MHD6 |
| | 3300 | 12.5 \times 25 | 0.26 | 623.7 | 0.034 | 0.068 | 1710 | 1530 | UPM0J332MHD |
| | 3300 | 18 \times 15 | 0.26 | 623.7 | 0.039 | 0.078 | 1600 | 1440 | UPM0J332MHD6 |
| | 3900 | 12.5 \times 30.5 | 0.26 | 737.1 | 0.031 | 0.062 | 1980 | 1780 | UPM0J392MHD |
| | 3900 | 16 \times 20 | 0.26 | 737.1 | 0.036 | 0.072 | 1770 | 1590 | UPM0J392MHD6 |
| | 4700 | 12.5 \times 35.5 | 0.28 | 888.3 | 0.028 | 0.056 | 2230 | 2000 | UPM0J472MHD |
| | 4700 | 18 \times 20 | 0.28 | 888.3 | 0.032 | 0.064 | 1920 | 1720 | UPM0J472MHD6 |
| | 5600 | 12.5 \times 40 | 0.30 | 1058.4 | 0.026 | 0.052 | 2460 | 2210 | UPM0J562MHD |
| | 5600 | 18 \times 20 | 0.30 | 1058.4 | 0.030 | 0.060 | 1980 | 1780 | UPM0J562MHD6 |
| | 6800 | 16 \times 30.5 | 0.32 | 1285.2 | 0.024 | 0.048 | 2510 | 2250 | UPM0J682MHD |
| | 6800 | 18 \times 25 | 0.32 | 1285.2 | 0.027 | 0.054 | 2350 | 2110 | UPM0J682MHD6 |
| | 8200 | 16 \times 35.5 | 0.36 | 1549.8 | 0.022 | 0.044 | 2770 | 2490 | UPM0J822MHD |
| | 8200 | 18 \times 30.5 | 0.36 | 1549.8 | 0.025 | 0.050 | 2600 | 2340 | UPM0J822MHD6 |
| 10000 | 16 \times 40 | 0.40 | 1890 | 0.020 | 0.040 | 3110 | 2790 | UPM0J103MHD | |
| 10000 | 18 \times 30.5 | 0.40 | 1890 | 0.023 | 0.046 | 2720 | 2440 | UPM0J103MHD6 | |
| 12000 | 18 \times 35.5 | 0.44 | 2268 | 0.019 | 0.038 | 3050 | 2740 | UPM0J123MHD | |
| 15000 | 18 \times 40 | 0.50 | 2835 | 0.018 | 0.036 | 3300 | 2970 | UPM0J153MHD | |

For cut leads, formed leads or taped parts, please add the appropriate code after the size code (12th digit).
If there is no size code in the part number, please add size code "1" and then add the appropriate code.

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■ Dimensions

| Rated Voltage (V) (code) | Rated Capacitance (μ F) | Case Size ϕ D×L (mm) | tan δ | Leakage Current (μ A) (at 20°C after 1 minute) | Impedance (Ω) max. | | Rated Ripple (mA _{rms}) | | Part Number |
|--------------------------------|---------------------------------|------------------------------|--------------|--|--------------------------------|------------------|--------------------------------------|-----------------|--------------|
| | | | | | 20°C/ 100kHz | -10°C/ 100kHz | 105°C/ 10 to 200kHz | 105°C/ 120Hz | |
| 10 (1A) | 330 | 8×11.5 | 0.19 | 99 | 0.16 | 0.32 | 460 | 350 | UPM1A331MPD |
| | 390 | 8×15 | 0.19 | 117 | 0.14 | 0.28 | 550 | 430 | UPM1A391MPD |
| | 390 | 10×12.5 | 0.19 | 117 | 0.15 | 0.30 | 635 | 490 | UPM1A391MPD6 |
| | 470 | 8×15 | 0.19 | 141 | 0.12 | 0.24 | 595 | 475 | UPM1A471MPD |
| | 470 | 10×12.5 | 0.19 | 141 | 0.13 | 0.26 | 670 | 535 | UPM1A471MPD6 |
| | 560 | 8×20 | 0.19 | 168 | 0.10 | 0.20 | 730 | 595 | UPM1A561MPD |
| | 560 | 10×16 | 0.19 | 168 | 0.11 | 0.22 | 700 | 570 | UPM1A561MPD6 |
| | 680 | 8×20 | 0.19 | 204 | 0.085 | 0.17 | 795 | 660 | UPM1A681MPD |
| | 680 | 10×16 | 0.19 | 204 | 0.090 | 0.18 | 825 | 685 | UPM1A681MPD6 |
| | 820 | 10×20 | 0.19 | 246 | 0.070 | 0.14 | 985 | 835 | UPM1A821MPD |
| | 820 | 12.5×15 | 0.19 | 246 | 0.080 | 0.16 | 920 | 780 | UPM1A821MHD6 |
| | 1000 | 10×20 | 0.19 | 300 | 0.060 | 0.12 | 1060 | 915 | UPM1A102MPD |
| | 1000 | 12.5×15 | 0.19 | 300 | 0.065 | 0.13 | 1040 | 900 | UPM1A102MHD6 |
| | 1200 | 10×25 | 0.19 | 360 | 0.050 | 0.10 | 1260 | 1120 | UPM1A122MPD |
| | 1200 | 12.5×15 | 0.19 | 360 | 0.060 | 0.12 | 1060 | 930 | UPM1A122MHD6 |
| | 1500 | 10×30.5 | 0.19 | 450 | 0.045 | 0.09 | 1450 | 1300 | UPM1A152MPD |
| | 1500 | 16×15 | 0.19 | 450 | 0.050 | 0.10 | 1330 | 1190 | UPM1A152MHD6 |
| | 1800 | 12.5×20 | 0.19 | 540 | 0.039 | 0.078 | 1470 | 1320 | UPM1A182MHD |
| | 1800 | 16×15 | 0.19 | 540 | 0.044 | 0.088 | 1420 | 1270 | UPM1A182MHD6 |
| | 2200 | 12.5×25 | 0.21 | 660 | 0.034 | 0.068 | 1710 | 1530 | UPM1A222MHD |
| | 2200 | 18×15 | 0.21 | 660 | 0.039 | 0.078 | 1600 | 1440 | UPM1A222MHD6 |
| | 2700 | 12.5×30.5 | 0.21 | 810 | 0.030 | 0.060 | 1980 | 1780 | UPM1A272MHD |
| | 2700 | 16×20 | 0.21 | 810 | 0.035 | 0.070 | 1740 | 1560 | UPM1A272MHD6 |
| | 3300 | 12.5×35.5 | 0.23 | 990 | 0.026 | 0.052 | 2230 | 2000 | UPM1A332MHD |
| | 3300 | 16×20 | 0.23 | 990 | 0.031 | 0.062 | 1850 | 1660 | UPM1A332MHD6 |
| | 3900 | 12.5×40 | 0.23 | 1170 | 0.024 | 0.048 | 2460 | 2210 | UPM1A392MHD |
| | 3900 | 18×20 | 0.23 | 1170 | 0.028 | 0.056 | 2050 | 1840 | UPM1A392MHD6 |
| | 4700 | 16×30.5 | 0.25 | 1410 | 0.023 | 0.046 | 2420 | 2170 | UPM1A472MHD |
| | 4700 | 18×25 | 0.25 | 1410 | 0.026 | 0.052 | 2350 | 2110 | UPM1A472MHD6 |
| | 5600 | 16×35.5 | 0.27 | 1680 | 0.021 | 0.042 | 2610 | 2340 | UPM1A562MHD |
| | 5600 | 18×25 | 0.27 | 1680 | 0.024 | 0.048 | 2440 | 2190 | UPM1A562MHD6 |
| | 6800 | 16×35.5 | 0.29 | 2040 | 0.020 | 0.040 | 2770 | 2490 | UPM1A682MHD |
| 6800 | 18×30.5 | 0.29 | 2040 | 0.022 | 0.044 | 2720 | 2440 | UPM1A682MHD6 | |
| 8200 | 16×40 | 0.33 | 2460 | 0.019 | 0.038 | 3110 | 2790 | UPM1A822MHD | |
| 8200 | 18×35.5 | 0.33 | 2460 | 0.021 | 0.042 | 3050 | 2740 | UPM1A822MHD6 | |
| 10000 | 18×40 | 0.37 | 3000 | 0.017 | 0.034 | 3300 | 2970 | UPM1A103MHD | |
| 16 (1C) | 220 | 8×11.5 | 0.16 | 105.6 | 0.16 | 0.32 | 460 | 335 | UPM1C221MPD |
| | 270 | 8×15 | 0.16 | 129.6 | 0.14 | 0.28 | 550 | 410 | UPM1C271MPD |
| | 270 | 10×12.5 | 0.16 | 129.6 | 0.14 | 0.28 | 635 | 470 | UPM1C271MPD6 |
| | 330 | 8×15 | 0.16 | 158.4 | 0.12 | 0.24 | 595 | 455 | UPM1C331MPD |
| | 330 | 10×12.5 | 0.16 | 158.4 | 0.12 | 0.24 | 670 | 510 | UPM1C331MPD6 |
| | 390 | 8×20 | 0.16 | 187.2 | 0.10 | 0.20 | 730 | 570 | UPM1C391MPD |

For cut leads, formed leads or taped parts, please add the appropriate code after the size code (12th digit).
If there is no size code in the part number, please add size code "1" and then add the appropriate code.

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■ Dimensions

| Rated Voltage (V) (code) | Rated Capacitance (μF) | Case Size φD×L (mm) | tan δ | Leakage Current (μA) (at 20°C after 1 minute) | Impedance (Ω) max. | | Rated Ripple (mArms) | | Part Number |
|--------------------------|------------------------|---------------------|-------|---|--------------------|--------------|----------------------|--------------|--------------|
| | | | | | 20°C/100kHz | -10°C/100kHz | 105°C/10 to 200kHz | 105°C/120Hz | |
| 16 (1C) | 390 | 10×16 | 0.16 | 187.2 | 0.10 | 0.20 | 730 | 570 | UPM1C391MPD6 |
| | 470 | 8×20 | 0.16 | 225.6 | 0.090 | 0.18 | 770 | 615 | UPM1C471MPD |
| | 470 | 10×16 | 0.16 | 225.6 | 0.090 | 0.18 | 825 | 660 | UPM1C471MPD6 |
| | 560 | 10×20 | 0.16 | 268.8 | 0.075 | 0.15 | 950 | 775 | UPM1C561MPD |
| | 560 | 12.5×15 | 0.16 | 268.8 | 0.080 | 0.16 | 920 | 750 | UPM1C561MHD6 |
| | 680 | 10×20 | 0.16 | 326.4 | 0.065 | 0.13 | 1060 | 880 | UPM1C681MPD |
| | 680 | 12.5×15 | 0.16 | 326.4 | 0.070 | 0.14 | 985 | 820 | UPM1C681MHD6 |
| | 820 | 10×25 | 0.16 | 393.6 | 0.055 | 0.11 | 1260 | 1070 | UPM1C821MPD |
| | 820 | 12.5×15 | 0.16 | 393.6 | 0.060 | 0.12 | 1060 | 900 | UPM1C821MHD6 |
| | 1000 | 10×30.5 | 0.16 | 480 | 0.047 | 0.094 | 1410 | 1220 | UPM1C102MPD |
| | 1000 | 16×15 | 0.16 | 480 | 0.055 | 0.11 | 1270 | 1100 | UPM1C102MHD6 |
| | 1200 | 12.5×20 | 0.16 | 576 | 0.041 | 0.082 | 1430 | 1250 | UPM1C122MHD |
| | 1200 | 16×15 | 0.16 | 576 | 0.046 | 0.092 | 1390 | 1220 | UPM1C122MHD6 |
| | 1500 | 12.5×25 | 0.16 | 720 | 0.036 | 0.072 | 1700 | 1530 | UPM1C152MHD |
| | 1500 | 18×15 | 0.16 | 720 | 0.041 | 0.082 | 1560 | 1400 | UPM1C152MHD6 |
| | 1800 | 12.5×30.5 | 0.16 | 864 | 0.032 | 0.064 | 1880 | 1690 | UPM1C182MHD |
| | 1800 | 16×20 | 0.16 | 864 | 0.037 | 0.074 | 1700 | 1530 | UPM1C182MHD6 |
| | 2200 | 12.5×30.5 | 0.18 | 1056 | 0.028 | 0.056 | 2010 | 1800 | UPM1C222MHD |
| | 2200 | 16×20 | 0.18 | 1056 | 0.033 | 0.066 | 1800 | 1620 | UPM1C222MHD6 |
| | 2700 | 12.5×35.5 | 0.18 | 1296 | 0.025 | 0.050 | 2230 | 2000 | UPM1C272MHD |
| | 2700 | 16×25 | 0.18 | 1296 | 0.030 | 0.060 | 2190 | 1970 | UPM1C272MHD6 |
| | 3300 | 12.5×40 | 0.20 | 1584 | 0.023 | 0.046 | 2460 | 2210 | UPM1C332MHD |
| | 3300 | 18×20 | 0.20 | 1584 | 0.027 | 0.054 | 2090 | 1880 | UPM1C332MHD6 |
| | 3900 | 16×30.5 | 0.20 | 1872 | 0.022 | 0.044 | 2510 | 2250 | UPM1C392MHD |
| | 3900 | 18×25 | 0.20 | 1872 | 0.025 | 0.050 | 2350 | 2110 | UPM1C392MHD6 |
| | 4700 | 16×35.5 | 0.22 | 2256 | 0.020 | 0.040 | 2770 | 2490 | UPM1C472MHD |
| | 4700 | 18×30.5 | 0.22 | 2256 | 0.023 | 0.046 | 2720 | 2440 | UPM1C472MHD6 |
| | 5600 | 16×40 | 0.24 | 2688 | 0.019 | 0.038 | 3110 | 2790 | UPM1C562MHD |
| 5600 | 18×35.5 | 0.24 | 2688 | 0.022 | 0.044 | 2620 | 2350 | UPM1C562MHD6 | |
| 6800 | 18×35.5 | 0.26 | 3264 | 0.018 | 0.036 | 3050 | 2740 | UPM1C682MHD | |
| 8200 | 18×40 | 0.30 | 3936 | 0.017 | 0.034 | 3300 | 2970 | UPM1C822MHD | |
| 25 (1E) | 150 | 8×11.5 | 0.14 | 112.5 | 0.16 | 0.32 | 460 | 320 | UPM1E151MPD |
| | 180 | 8×15 | 0.14 | 135 | 0.14 | 0.28 | 550 | 390 | UPM1E181MPD |
| | 180 | 10×12.5 | 0.14 | 135 | 0.15 | 0.30 | 635 | 450 | UPM1E181MPD6 |
| | 220 | 8×15 | 0.14 | 165 | 0.11 | 0.22 | 625 | 455 | UPM1E221MPD |
| | 220 | 10×12.5 | 0.14 | 165 | 0.13 | 0.26 | 670 | 485 | UPM1E221MPD6 |
| | 270 | 8×20 | 0.14 | 202.5 | 0.095 | 0.19 | 750 | 560 | UPM1E271MPD |
| | 270 | 10×16 | 0.14 | 202.5 | 0.11 | 0.22 | 700 | 525 | UPM1E271MPD6 |
| | 330 | 8×20 | 0.14 | 247.5 | 0.085 | 0.17 | 795 | 610 | UPM1E331MPD |
| | 330 | 10×16 | 0.14 | 247.5 | 0.095 | 0.19 | 825 | 630 | UPM1E331MPD6 |
| | 390 | 10×20 | 0.14 | 292.5 | 0.070 | 0.14 | 985 | 770 | UPM1E391MPD |
| | 390 | 12.5×15 | 0.14 | 292.5 | 0.080 | 0.16 | 920 | 720 | UPM1E391MHD6 |
| | 470 | 10×20 | 0.14 | 352.5 | 0.065 | 0.13 | 1060 | 845 | UPM1E471MPD |

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If there is no size code in the part number, please add size code "1" and then add the appropriate code.

UPM

■ Dimensions

| Rated Voltage (V) (code) | Rated Capacitance (μF) | Case Size φD×L (mm) | tan δ | Leakage Current (μA) (at 20°C after 1 minute) | Impedance (Ω) max. | | Rated Ripple (mArms) | | Part Number |
|--------------------------|------------------------|---------------------|-------|---|--------------------|--------------|----------------------|--------------|--------------|
| | | | | | 20°C/100kHz | -10°C/100kHz | 105°C/10 to 200kHz | 105°C/120Hz | |
| 25 (1E) | 470 | 12.5×15 | 0.14 | 352.5 | 0.070 | 0.14 | 985 | 785 | UPM1E471MHD6 |
| | 560 | 10×25 | 0.14 | 420 | 0.055 | 0.11 | 1260 | 1030 | UPM1E561MPD |
| | 560 | 12.5×15 | 0.14 | 420 | 0.060 | 0.12 | 1060 | 860 | UPM1E561MHD6 |
| | 680 | 10×30.5 | 0.14 | 510 | 0.046 | 0.092 | 1420 | 1180 | UPM1E681MPD |
| | 680 | 16×15 | 0.14 | 510 | 0.055 | 0.11 | 1270 | 1050 | UPM1E681MHD6 |
| | 820 | 12.5×20 | 0.14 | 615 | 0.041 | 0.082 | 1440 | 1220 | UPM1E821MHD |
| | 820 | 16×15 | 0.14 | 615 | 0.049 | 0.098 | 1340 | 1140 | UPM1E821MHD6 |
| | 1000 | 12.5×25 | 0.14 | 750 | 0.036 | 0.072 | 1700 | 1470 | UPM1E102MHD |
| | 1000 | 18×15 | 0.14 | 750 | 0.043 | 0.086 | 1520 | 1310 | UPM1E102MHD6 |
| | 1200 | 12.5×25 | 0.14 | 900 | 0.032 | 0.064 | 1760 | 1550 | UPM1E122MHD |
| | 1200 | 18×15 | 0.14 | 900 | 0.039 | 0.078 | 1600 | 1400 | UPM1E122MHD6 |
| | 1500 | 12.5×30.5 | 0.14 | 1125 | 0.029 | 0.058 | 1980 | 1780 | UPM1E152MHD |
| | 1500 | 16×20 | 0.14 | 1125 | 0.034 | 0.068 | 1770 | 1590 | UPM1E152MHD6 |
| | 1800 | 12.5×35.5 | 0.14 | 1350 | 0.026 | 0.052 | 2230 | 2000 | UPM1E182MHD |
| | 1800 | 16×25 | 0.14 | 1350 | 0.031 | 0.062 | 2190 | 1970 | UPM1E182MHD6 |
| | 2200 | 12.5×40 | 0.16 | 1650 | 0.024 | 0.048 | 2460 | 2210 | UPM1E222MHD |
| | 2200 | 18×20 | 0.16 | 1650 | 0.028 | 0.056 | 2050 | 1840 | UPM1E222MHD6 |
| | 2700 | 16×30.5 | 0.16 | 2025 | 0.022 | 0.044 | 2510 | 2250 | UPM1E272MHD |
| | 2700 | 18×25 | 0.16 | 2025 | 0.025 | 0.050 | 2350 | 2110 | UPM1E272MHD6 |
| | 3300 | 16×35.5 | 0.18 | 2475 | 0.020 | 0.040 | 2770 | 2490 | UPM1E332MHD |
| 3300 | 18×30.5 | 0.18 | 2475 | 0.023 | 0.046 | 2720 | 2440 | UPM1E332MHD6 | |
| 3900 | 16×40 | 0.18 | 2925 | 0.019 | 0.038 | 3110 | 2790 | UPM1E392MHD | |
| 3900 | 18×35.5 | 0.18 | 2925 | 0.021 | 0.042 | 3050 | 2740 | UPM1E392MHD6 | |
| 4700 | 18×40 | 0.20 | 3525 | 0.018 | 0.036 | 3300 | 2970 | UPM1E472MHD | |
| 35 (1V) | 100 | 8×11.5 | 0.12 | 105 | 0.16 | 0.32 | 460 | 305 | UPM1V101MPD |
| | 120 | 8×15 | 0.12 | 126 | 0.14 | 0.28 | 550 | 370 | UPM1V121MPD |
| | 120 | 10×12.5 | 0.12 | 126 | 0.15 | 0.30 | 635 | 425 | UPM1V121MPD6 |
| | 150 | 8×15 | 0.12 | 157.5 | 0.12 | 0.24 | 595 | 415 | UPM1V151MPD |
| | 150 | 10×12.5 | 0.12 | 157.5 | 0.12 | 0.24 | 680 | 475 | UPM1V151MPD6 |
| | 180 | 8×20 | 0.12 | 189 | 0.10 | 0.20 | 730 | 520 | UPM1V181MPD |
| | 180 | 10×16 | 0.12 | 189 | 0.11 | 0.22 | 700 | 500 | UPM1V181MPD6 |
| | 220 | 8×20 | 0.12 | 231 | 0.085 | 0.17 | 795 | 580 | UPM1V221MPD |
| | 220 | 10×16 | 0.12 | 231 | 0.090 | 0.18 | 825 | 600 | UPM1V221MPD6 |
| | 270 | 10×20 | 0.12 | 283.5 | 0.070 | 0.14 | 985 | 735 | UPM1V271MPD |
| | 270 | 12.5×15 | 0.12 | 283.5 | 0.080 | 0.16 | 920 | 690 | UPM1V271MHD6 |
| | 330 | 10×20 | 0.12 | 346.5 | 0.060 | 0.12 | 1060 | 810 | UPM1V331MPD |
| | 330 | 12.5×15 | 0.12 | 346.5 | 0.065 | 0.13 | 1020 | 780 | UPM1V331MHD6 |
| | 390 | 10×25 | 0.12 | 409.5 | 0.055 | 0.11 | 1260 | 980 | UPM1V391MPD |
| | 390 | 12.5×15 | 0.12 | 409.5 | 0.060 | 0.12 | 1060 | 825 | UPM1V391MHD6 |
| | 470 | 10×30.5 | 0.12 | 493.5 | 0.046 | 0.092 | 1450 | 1160 | UPM1V471MPD |
| | 470 | 16×15 | 0.12 | 493.5 | 0.055 | 0.11 | 1270 | 1010 | UPM1V471MHD6 |
| | 560 | 12.5×20 | 0.12 | 588 | 0.041 | 0.082 | 1430 | 1170 | UPM1V561MHD |
| | 560 | 16×15 | 0.12 | 588 | 0.048 | 0.096 | 1360 | 1110 | UPM1V561MHD6 |

For cut leads, formed leads or taped parts, please add the appropriate code after the size code (12th digit).
 If there is no size code in the part number, please add size code "1" and then add the appropriate code.

UPM

■ Dimensions

| Rated Voltage (V) (code) | Rated Capacitance (μ F) | Case Size ϕ D \times L (mm) | tan δ | Leakage Current (μ A) (at 20°C after 1 minute) | Impedance (Ω) max. | | Rated Ripple (mA _{rms}) | | Part Number |
|--------------------------------|---------------------------------|---------------------------------------|--------------|--|--------------------------------|------------------|--------------------------------------|-----------------|--------------|
| | | | | | 20°C/ 100kHz | -10°C/ 100kHz | 105°C/ 10 to 200kHz | 105°C/ 120Hz | |
| 35 (1V) | 680 | 12.5 \times 25 | 0.12 | 714 | 0.036 | 0.072 | 1700 | 1410 | UPM1V681MHD |
| | 680 | 18 \times 15 | 0.12 | 714 | 0.042 | 0.084 | 1540 | 1280 | UPM1V681MHD6 |
| | 820 | 12.5 \times 25 | 0.12 | 861 | 0.032 | 0.064 | 1760 | 1490 | UPM1V821MHD |
| | 820 | 18 \times 15 | 0.12 | 861 | 0.038 | 0.076 | 1620 | 1380 | UPM1V821MHD6 |
| | 1000 | 12.5 \times 30.5 | 0.12 | 1050 | 0.029 | 0.058 | 1980 | 1710 | UPM1V102MHD |
| | 1000 | 16 \times 20 | 0.12 | 1050 | 0.034 | 0.068 | 1770 | 1530 | UPM1V102MHD6 |
| | 1200 | 12.5 \times 35.5 | 0.12 | 1260 | 0.026 | 0.052 | 2230 | 1960 | UPM1V122MHD |
| | 1200 | 16 \times 25 | 0.12 | 1260 | 0.031 | 0.062 | 2190 | 1920 | UPM1V122MHD6 |
| | 1500 | 12.5 \times 40 | 0.12 | 1575 | 0.024 | 0.048 | 2460 | 2210 | UPM1V152MHD |
| | 1500 | 18 \times 20 | 0.12 | 1575 | 0.028 | 0.056 | 2050 | 1840 | UPM1V152MHD6 |
| | 1800 | 16 \times 30.5 | 0.12 | 1890 | 0.022 | 0.044 | 2510 | 2250 | UPM1V182MHD |
| | 1800 | 18 \times 25 | 0.12 | 1890 | 0.025 | 0.050 | 2350 | 2110 | UPM1V182MHD6 |
| | 2200 | 16 \times 35.5 | 0.14 | 2310 | 0.020 | 0.040 | 2770 | 2490 | UPM1V222MHD |
| | 2200 | 18 \times 30.5 | 0.14 | 2310 | 0.023 | 0.046 | 2720 | 2440 | UPM1V222MHD6 |
| | 2700 | 16 \times 40 | 0.14 | 2835 | 0.018 | 0.036 | 3110 | 2790 | UPM1V272MHD |
| | 2700 | 18 \times 35.5 | 0.14 | 2835 | 0.021 | 0.042 | 3050 | 2740 | UPM1V272MHD6 |
| 3300 | 18 \times 40 | 0.16 | 3465 | 0.017 | 0.034 | 3300 | 2970 | UPM1V332MHD | |
| 50 (1H) | 68 | 8 \times 11.5 | 0.10 | 102 | 0.20 | 0.40 | 415 | 260 | UPM1H680MPD |
| | 82 | 8 \times 15 | 0.10 | 123 | 0.17 | 0.34 | 505 | 320 | UPM1H820MPD |
| | 82 | 10 \times 12.5 | 0.10 | 123 | 0.18 | 0.36 | 530 | 340 | UPM1H820MPD6 |
| | 100 | 8 \times 20 | 0.10 | 150 | 0.14 | 0.28 | 620 | 410 | UPM1H101MPD |
| | 100 | 10 \times 16 | 0.10 | 150 | 0.16 | 0.32 | 580 | 385 | UPM1H101MPD6 |
| | 120 | 8 \times 20 | 0.10 | 180 | 0.12 | 0.24 | 755 | 510 | UPM1H121MPD |
| | 120 | 10 \times 16 | 0.10 | 180 | 0.13 | 0.26 | 755 | 510 | UPM1H121MPD6 |
| | 150 | 10 \times 20 | 0.10 | 225 | 0.10 | 0.20 | 820 | 570 | UPM1H151MPD |
| | 150 | 12.5 \times 15 | 0.10 | 225 | 0.11 | 0.22 | 785 | 545 | UPM1H151MHD6 |
| | 180 | 10 \times 20 | 0.10 | 270 | 0.085 | 0.17 | 945 | 670 | UPM1H181MPD |
| | 180 | 12.5 \times 15 | 0.10 | 270 | 0.095 | 0.19 | 845 | 605 | UPM1H181MHD6 |
| | 220 | 10 \times 25 | 0.10 | 330 | 0.075 | 0.15 | 1150 | 840 | UPM1H221MPD |
| | 220 | 12.5 \times 15 | 0.10 | 330 | 0.080 | 0.16 | 920 | 670 | UPM1H221MHD6 |
| | 270 | 10 \times 30.5 | 0.10 | 405 | 0.065 | 0.13 | 1200 | 900 | UPM1H271MPD |
| | 270 | 16 \times 15 | 0.10 | 405 | 0.070 | 0.14 | 1120 | 840 | UPM1H271MHD6 |
| | 330 | 10 \times 30.5 | 0.10 | 495 | 0.055 | 0.11 | 1300 | 995 | UPM1H331MPD |
| | 330 | 16 \times 15 | 0.10 | 495 | 0.060 | 0.12 | 1210 | 925 | UPM1H331MHD6 |
| | 390 | 12.5 \times 25 | 0.10 | 585 | 0.048 | 0.096 | 1440 | 1120 | UPM1H391MHD |
| 390 | 16 \times 15 | 0.10 | 585 | 0.055 | 0.11 | 1270 | 990 | UPM1H391MHD6 | |
| 470 | 12.5 \times 25 | 0.10 | 705 | 0.044 | 0.088 | 1500 | 1200 | UPM1H471MHD | |

For cut leads, formed leads or taped parts, please add the appropriate code after the size code (12th digit).
If there is no size code in the part number, please add size code "1" and then add the appropriate code.

UPM

■ Dimensions

| Rated Voltage (V) (code) | Rated Capacitance (μF) | Case Size φD×L (mm) | tan δ | Leakage Current (μA) (at 20°C after 1 minute) | Impedance (Ω) max. | | Rated Ripple (mArms) | | Part Number |
|-----------------------------|------------------------|---------------------|--------|--|-----------------------|------------------|---------------------------|-----------------|--------------|
| | | | | | 20°C/ 100kHz | -10°C/ 100kHz | 105°C/ 10 to 200kHz | 105°C/ 120Hz | |
| 50 (1H) | 470 | 18×15 | 0.10 | 705 | 0.046 | 0.092 | 1470 | 1170 | UPM1H471MHD6 |
| | 560 | 12.5×30.5 | 0.10 | 840 | 0.040 | 0.080 | 1720 | 1410 | UPM1H561MHD |
| | 560 | 16×20 | 0.10 | 840 | 0.044 | 0.088 | 1550 | 1270 | UPM1H561MHD6 |
| | 680 | 12.5×35.5 | 0.10 | 1020 | 0.036 | 0.072 | 1900 | 1580 | UPM1H681MHD |
| | 680 | 16×20 | 0.10 | 1020 | 0.040 | 0.080 | 1630 | 1350 | UPM1H681MHD6 |
| | 820 | 12.5×40 | 0.10 | 1230 | 0.033 | 0.066 | 2120 | 1800 | UPM1H821MHD |
| | 820 | 18×20 | 0.10 | 1230 | 0.036 | 0.072 | 1810 | 1540 | UPM1H821MHD6 |
| | 1000 | 16×30.5 | 0.10 | 1500 | 0.030 | 0.060 | 2150 | 1860 | UPM1H102MHD |
| | 1000 | 18×25 | 0.10 | 1500 | 0.033 | 0.066 | 2020 | 1750 | UPM1H102MHD6 |
| | 1200 | 16×35.5 | 0.10 | 1800 | 0.028 | 0.056 | 2320 | 2040 | UPM1H122MHD |
| | 1200 | 18×30.5 | 0.10 | 1800 | 0.031 | 0.062 | 2140 | 1880 | UPM1H122MHD6 |
| | 1500 | 16×40 | 0.10 | 2250 | 0.026 | 0.052 | 2650 | 2380 | UPM1H152MHD |
| | 1500 | 18×30.5 | 0.10 | 2250 | 0.029 | 0.058 | 2340 | 2100 | UPM1H152MHD6 |
| | 1800 | 18×35.5 | 0.10 | 2700 | 0.025 | 0.050 | 2620 | 2350 | UPM1H182MHD |
| 2200 | 18×40 | 0.12 | 3300 | 0.024 | 0.048 | 2790 | 2510 | UPM1H222MHD | |
| 63 (1J) | 47 | 8×11.5 | 0.08 | 88.83 | 0.25 | 0.50 | 365 | 215 | UPM1J470MPD |
| | 56 | 8×15 | 0.08 | 105.84 | 0.21 | 0.42 | 450 | 275 | UPM1J560MPD |
| | 56 | 10×12.5 | 0.08 | 105.84 | 0.23 | 0.46 | 450 | 275 | UPM1J560MPD6 |
| | 68 | 8×15 | 0.08 | 128.52 | 0.17 | 0.34 | 500 | 315 | UPM1J680MPD |
| | 68 | 10×12.5 | 0.08 | 128.52 | 0.19 | 0.38 | 495 | 310 | UPM1J680MPD6 |
| | 82 | 8×20 | 0.08 | 154.98 | 0.15 | 0.30 | 600 | 385 | UPM1J820MPD |
| | 82 | 10×16 | 0.08 | 154.98 | 0.16 | 0.32 | 580 | 375 | UPM1J820MPD6 |
| | 100 | 10×20 | 0.08 | 189 | 0.12 | 0.24 | 750 | 495 | UPM1J101MPD |
| | 100 | 12.5×15 | 0.08 | 189 | 0.14 | 0.28 | 695 | 460 | UPM1J101MHD6 |
| | 120 | 10×20 | 0.08 | 226.8 | 0.10 | 0.20 | 820 | 555 | UPM1J121MPD |
| | 120 | 12.5×15 | 0.08 | 226.8 | 0.12 | 0.24 | 750 | 510 | UPM1J121MHD6 |
| | 150 | 10×25 | 0.08 | 283.5 | 0.090 | 0.18 | 950 | 665 | UPM1J151MPD |
| | 150 | 12.5×15 | 0.08 | 283.5 | 0.095 | 0.19 | 845 | 590 | UPM1J151MHD6 |
| | 180 | 10×30.5 | 0.08 | 340.2 | 0.075 | 0.15 | 1110 | 790 | UPM1J181MPD |
| | 180 | 16×15 | 0.08 | 340.2 | 0.080 | 0.16 | 1050 | 750 | UPM1J181MHD6 |
| | 220 | 12.5×20 | 0.08 | 415.8 | 0.065 | 0.13 | 1140 | 835 | UPM1J221MHD |
| | 220 | 16×15 | 0.08 | 415.8 | 0.070 | 0.14 | 1120 | 820 | UPM1J221MHD6 |
| | 270 | 12.5×25 | 0.08 | 510.3 | 0.055 | 0.11 | 1340 | 1000 | UPM1J271MHD |
| | 270 | 18×15 | 0.08 | 510.3 | 0.060 | 0.12 | 1290 | 965 | UPM1J271MHD6 |
| | 330 | 12.5×25 | 0.08 | 623.7 | 0.049 | 0.098 | 1420 | 1090 | UPM1J331MHD |
| | 330 | 18×15 | 0.08 | 623.7 | 0.050 | 0.10 | 1410 | 1080 | UPM1J331MHD6 |
| | 390 | 12.5×30.5 | 0.08 | 737.1 | 0.043 | 0.086 | 1620 | 1260 | UPM1J391MHD |
| | 390 | 16×20 | 0.08 | 737.1 | 0.047 | 0.094 | 1500 | 1170 | UPM1J391MHD6 |
| | 470 | 12.5×35.5 | 0.08 | 888.3 | 0.039 | 0.078 | 1780 | 1420 | UPM1J471MHD |
| | 470 | 16×25 | 0.08 | 888.3 | 0.042 | 0.084 | 1700 | 1360 | UPM1J471MHD6 |
| | 560 | 12.5×40 | 0.08 | 1058.4 | 0.035 | 0.070 | 1950 | 1590 | UPM1J561MHD |
| 560 | 18×20 | 0.08 | 1058.4 | 0.039 | 0.078 | 1730 | 1410 | UPM1J561MHD6 | |
| 680 | 16×30.5 | 0.08 | 1285.2 | 0.032 | 0.064 | 2050 | 1700 | UPM1J681MHD | |

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UPM

■ Dimensions

| Rated Voltage (V) (code) | Rated Capacitance (μF) | Case Size φD×L (mm) | tan δ | Leakage Current (μA) (at 20°C after 1 minute) | Impedance (Ω) max. | | Rated Ripple (mArms) | | Part Number |
|--------------------------|------------------------|---------------------|-------|---|--------------------|--------------|----------------------|--------------|--------------|
| | | | | | 20°C/100kHz | -10°C/100kHz | 105°C/10 to 200kHz | 105°C/120Hz | |
| 63 (1J) | 680 | 18×25 | 0.08 | 1285.2 | 0.035 | 0.070 | 1940 | 1610 | UPM1J681MHD6 |
| | 820 | 16×35.5 | 0.08 | 1549.8 | 0.029 | 0.058 | 2220 | 1890 | UPM1J821MHD |
| | 820 | 18×30.5 | 0.08 | 1549.8 | 0.032 | 0.064 | 2110 | 1790 | UPM1J821MHD6 |
| | 1000 | 16×40 | 0.08 | 1890 | 0.027 | 0.054 | 2370 | 2050 | UPM1J102MHD |
| | 1000 | 18×35.5 | 0.08 | 1890 | 0.029 | 0.058 | 2280 | 1970 | UPM1J102MHD6 |
| | 1200 | 18×40 | 0.08 | 2268 | 0.025 | 0.050 | 2510 | 2210 | UPM1J122MHD |
| 80 (1K) | 33 | 8×11.5 | 0.08 | 79.2 | 0.53 | 1.40 | 275 | 150 | UPM1K330MPD |
| | 39 | 8×15 | 0.08 | 93.6 | 0.46 | 1.20 | 300 | 170 | UPM1K390MPD |
| | 39 | 10×12.5 | 0.08 | 93.6 | 0.49 | 1.30 | 380 | 215 | UPM1K390MPD6 |
| | 47 | 8×15 | 0.08 | 112.8 | 0.39 | 1.10 | 360 | 215 | UPM1K470MPD |
| | 47 | 10×12.5 | 0.08 | 112.8 | 0.42 | 1.10 | 410 | 245 | UPM1K470MPD6 |
| | 56 | 8×20 | 0.08 | 134.4 | 0.34 | 0.92 | 490 | 295 | UPM1K560MPD |
| | 56 | 10×16 | 0.08 | 134.4 | 0.36 | 0.97 | 500 | 305 | UPM1K560MPD6 |
| | 68 | 10×20 | 0.08 | 163.2 | 0.28 | 0.76 | 570 | 355 | UPM1K680MPD |
| | 68 | 12.5×15 | 0.08 | 163.2 | 0.31 | 0.84 | 520 | 325 | UPM1K680MHD6 |
| | 82 | 10×20 | 0.08 | 196.8 | 0.25 | 0.68 | 620 | 395 | UPM1K820MPD |
| | 82 | 12.5×15 | 0.08 | 196.8 | 0.27 | 0.73 | 560 | 355 | UPM1K820MHD6 |
| | 100 | 10×25 | 0.08 | 240 | 0.21 | 0.57 | 795 | 525 | UPM1K101MPD |
| | 100 | 12.5×15 | 0.08 | 240 | 0.23 | 0.62 | 605 | 400 | UPM1K101MHD6 |
| | 120 | 10×30.5 | 0.08 | 288 | 0.18 | 0.49 | 870 | 585 | UPM1K121MPD |
| | 120 | 16×15 | 0.08 | 288 | 0.20 | 0.54 | 663 | 445 | UPM1K121MHD6 |
| | 150 | 10×30.5 | 0.08 | 360 | 0.15 | 0.41 | 955 | 665 | UPM1K151MPD |
| | 150 | 16×15 | 0.08 | 360 | 0.18 | 0.47 | 699 | 470 | UPM1K151MHD6 |
| | 180 | 12.5×25 | 0.08 | 432 | 0.13 | 0.35 | 1040 | 735 | UPM1K181MHD |
| | 180 | 16×15 | 0.08 | 432 | 0.15 | 0.41 | 766 | 545 | UPM1K181MHD6 |
| | 220 | 12.5×30.5 | 0.08 | 528 | 0.12 | 0.32 | 1160 | 845 | UPM1K221MHD |
| | 220 | 18×15 | 0.08 | 528 | 0.13 | 0.35 | 881 | 645 | UPM1K221MHD6 |
| | 270 | 12.5×30.5 | 0.08 | 648 | 0.10 | 0.27 | 1270 | 945 | UPM1K271MHD |
| | 270 | 16×20 | 0.08 | 648 | 0.11 | 0.30 | 1240 | 920 | UPM1K271MHD6 |
| | 330 | 12.5×35.5 | 0.08 | 792 | 0.088 | 0.24 | 1450 | 1100 | UPM1K331MHD |
| | 330 | 16×25 | 0.08 | 792 | 0.099 | 0.27 | 1440 | 1100 | UPM1K331MHD6 |
| | 390 | 12.5×40 | 0.08 | 936 | 0.078 | 0.21 | 1610 | 1250 | UPM1K391MHD |
| | 390 | 18×20 | 0.08 | 936 | 0.089 | 0.24 | 1450 | 1120 | UPM1K391MHD6 |
| | 470 | 16×30.5 | 0.08 | 1128 | 0.069 | 0.19 | 1790 | 1430 | UPM1K471MHD |
| | 470 | 18×25 | 0.08 | 1128 | 0.080 | 0.22 | 1650 | 1320 | UPM1K471MHD6 |
| | 560 | 16×35.5 | 0.08 | 1344 | 0.062 | 0.17 | 2000 | 1640 | UPM1K561MHD |
| | 560 | 18×30.5 | 0.08 | 1344 | 0.072 | 0.19 | 1750 | 1430 | UPM1K561MHD6 |
| | 680 | 16×40 | 0.08 | 1632 | 0.055 | 0.15 | 2200 | 1830 | UPM1K681MHD |
| 680 | 18×30.5 | 0.08 | 1632 | 0.065 | 0.18 | 1850 | 1540 | UPM1K681MHD6 | |
| 820 | 18×35.5 | 0.08 | 1968 | 0.049 | 0.13 | 2250 | 1910 | UPM1K821MHD | |
| 1000 | 18×40 | 0.08 | 2400 | 0.044 | 0.12 | 2370 | 2050 | UPM1K102MHD | |

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■ Dimensions



| Rated Voltage (V) (code) | Rated Capacitance (μF) | Case Size φD×L (mm) | tan δ | Leakage Current (μA) (at 20°C after 1 minute) | Impedance (Ω) max. | | Rated Ripple (mA _{rms}) | | Part Number |
|-----------------------------|------------------------|---------------------|-------|--|-----------------------|------------------|-----------------------------------|-----------------|--------------|
| | | | | | 20°C/ 100kHz | -10°C/ 100kHz | 105°C/ 10 to 200kHz | 105°C/ 120Hz | |
| 100 (2A) | 22 | 8×11.5 | 0.08 | 66 | 0.55 | 1.50 | 275 | 145 | UPM2A220MPD |
| | 27 | 8×15 | 0.08 | 81 | 0.47 | 1.30 | 300 | 160 | UPM2A270MPD |
| | 27 | 10×12.5 | 0.08 | 81 | 0.50 | 1.40 | 380 | 205 | UPM2A270MPD6 |
| | 33 | 8×15 | 0.08 | 99 | 0.38 | 1.00 | 360 | 200 | UPM2A330MPD |
| | 33 | 10×12.5 | 0.08 | 99 | 0.42 | 1.10 | 410 | 230 | UPM2A330MPD6 |
| | 39 | 8×20 | 0.08 | 117 | 0.33 | 0.89 | 490 | 280 | UPM2A390MPD |
| | 39 | 10×16 | 0.08 | 117 | 0.36 | 0.97 | 500 | 285 | UPM2A390MPD6 |
| | 47 | 10×20 | 0.08 | 141 | 0.28 | 0.76 | 570 | 340 | UPM2A470MPD |
| | 47 | 12.5×15 | 0.08 | 141 | 0.31 | 0.84 | 520 | 310 | UPM2A470MHD6 |
| | 56 | 10×20 | 0.08 | 168 | 0.24 | 0.65 | 620 | 375 | UPM2A560MPD |
| | 56 | 12.5×15 | 0.08 | 168 | 0.27 | 0.73 | 560 | 340 | UPM2A560MHD6 |
| | 68 | 10×25 | 0.08 | 204 | 0.21 | 0.57 | 795 | 500 | UPM2A680MPD |
| | 68 | 12.5×15 | 0.08 | 204 | 0.23 | 0.62 | 605 | 380 | UPM2A680MHD6 |
| | 82 | 10×30.5 | 0.08 | 246 | 0.18 | 0.49 | 870 | 555 | UPM2A820MPD |
| | 82 | 16×15 | 0.08 | 246 | 0.19 | 0.51 | 681 | 435 | UPM2A820MHD6 |
| | 100 | 10×30.5 | 0.08 | 300 | 0.15 | 0.41 | 955 | 635 | UPM2A101MPD |
| | 100 | 16×15 | 0.08 | 300 | 0.17 | 0.46 | 719 | 475 | UPM2A101MHD6 |
| | 120 | 12.5×25 | 0.08 | 360 | 0.13 | 0.35 | 1040 | 700 | UPM2A121MHD |
| | 120 | 16×15 | 0.08 | 360 | 0.14 | 0.38 | 793 | 535 | UPM2A121MHD6 |
| | 150 | 12.5×25 | 0.08 | 450 | 0.11 | 0.30 | 1120 | 780 | UPM2A151MHD |
| | 150 | 18×15 | 0.08 | 450 | 0.12 | 0.32 | 917 | 640 | UPM2A151MHD6 |
| | 180 | 12.5×30.5 | 0.08 | 540 | 0.098 | 0.26 | 1270 | 900 | UPM2A181MHD |
| | 180 | 16×20 | 0.08 | 540 | 0.11 | 0.30 | 1240 | 880 | UPM2A181MHD6 |
| | 220 | 12.5×35.5 | 0.08 | 660 | 0.087 | 0.23 | 1450 | 1050 | UPM2A221MHD |
| | 220 | 16×25 | 0.08 | 660 | 0.093 | 0.25 | 1440 | 1050 | UPM2A221MHD6 |
| | 270 | 12.5×40 | 0.08 | 810 | 0.072 | 0.19 | 1610 | 1200 | UPM2A271MHD |
| | 270 | 18×20 | 0.08 | 810 | 0.080 | 0.22 | 1450 | 1080 | UPM2A271MHD6 |
| | 330 | 16×30.5 | 0.08 | 990 | 0.062 | 0.17 | 1790 | 1370 | UPM2A331MHD |
| | 330 | 18×25 | 0.08 | 990 | 0.070 | 0.19 | 1650 | 1260 | UPM2A331MHD6 |
| | 390 | 16×35.5 | 0.08 | 1170 | 0.053 | 0.14 | 2000 | 1550 | UPM2A391MHD |
| 390 | 18×30.5 | 0.08 | 1170 | 0.062 | 0.17 | 1850 | 1430 | UPM2A391MHD6 | |
| 470 | 16×40 | 0.08 | 1410 | 0.047 | 0.13 | 2200 | 1760 | UPM2A471MHD | |
| 470 | 18×35.5 | 0.08 | 1410 | 0.056 | 0.15 | 1970 | 1570 | UPM2A471MHD6 | |
| 560 | 18×35.5 | 0.08 | 1680 | 0.041 | 0.11 | 2250 | 1840 | UPM2A561MHD | |
| 680 | 18×40 | 0.08 | 2040 | 0.036 | 0.097 | 2300 | 1910 | UPM2A681MHD | |

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• For formed lead or taped product specifications and minimum order quantity, please refer to the Guidelines for Aluminum Electrolytic Capacitors.

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