



**THE DATASHEET OF
UBT1V221MPD1TD**



UBT

■ 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. (20°C/100kHz) | Rated Ripple (mA rms) (125°C/100kHz) | Part Number |
|--------------------------|------------------------|---------------------|-------|---|----------------------------------|--------------------------------------|--------------|
| 10 (1A) | 220 | 8×11.5 | 0.20 | 66 | 0.26 | 340 | UBT1A221MPD8 |
| | 330 | 10×12.5 | 0.20 | 99 | 0.15 | 620 | UBT1A331MPD8 |
| | 470 | 10×12.5 | 0.20 | 141 | 0.10 | 680 | UBT1A471MPD8 |
| | 1000 | 10×20 | 0.20 | 300 | 0.057 | 1100 | UBT1A102MPD8 |
| | 2200 | 12.5×25 | 0.22 | 660 | 0.033 | 1750 | UBT1A222MHD8 |
| | 3300 | 16×25 | 0.24 | 990 | 0.024 | 2300 | UBT1A332MHD8 |
| | 4700 | 16×30.5 | 0.26 | 1410 | 0.020 | 2710 | UBT1A472MHD8 |
| 16 (1C) | 100 | 8×11.5 | 0.16 | 48 | 0.32 | 340 | UBT1C101MPD8 |
| | 220 | 10×12.5 | 0.16 | 105.6 | 0.15 | 620 | UBT1C221MPD8 |
| | 330 | 10×12.5 | 0.16 | 158.4 | 0.10 | 680 | UBT1C331MPD8 |
| | 470 | 10×16 | 0.16 | 225.6 | 0.075 | 945 | UBT1C471MPD8 |
| | 1000 | 12.5×20 | 0.16 | 480 | 0.042 | 1490 | UBT1C102MHD8 |
| | 2200 | 16×25 | 0.18 | 1056 | 0.024 | 2300 | UBT1C222MHD8 |
| | 3300 | 16×30.5 | 0.20 | 1584 | 0.020 | 2710 | UBT1C332MHD8 |
| 25 (1E) | 100 | 8×11.5 | 0.14 | 75 | 0.13 | 500 | UBT1E101MPD8 |
| | 220 | 10×12.5 | 0.14 | 165 | 0.10 | 680 | UBT1E221MPD8 |
| | 330 | 10×16 | 0.14 | 247.5 | 0.075 | 945 | UBT1E331MPD8 |
| | 470 | 10×20 | 0.14 | 352.5 | 0.057 | 1100 | UBT1E471MPD8 |
| | 1000 | 12.5×25 | 0.14 | 750 | 0.033 | 1750 | UBT1E102MHD8 |
| | 2200 | 16×30.5 | 0.16 | 1650 | 0.020 | 2710 | UBT1E222MHD8 |
| | 3300 | 18×30.5 | 0.18 | 2475 | 0.017 | 3310 | UBT1E332MHD8 |
| 35 (1V) | 100 | 10×12.5 | 0.12 | 105 | 0.15 | 620 | UBT1V101MPD8 |
| | 220 | 10×16 | 0.12 | 231 | 0.094 | 790 | UBT1V221MPD8 |
| | 330 | 10×20 | 0.12 | 346.5 | 0.075 | 950 | UBT1V331MPD8 |
| | 470 | 12.5×20 | 0.12 | 493.5 | 0.058 | 1330 | UBT1V471MHD8 |
| | 1000 | 16×25 | 0.12 | 1050 | 0.031 | 2010 | UBT1V102MHD8 |
| | 2200 | 18×35.5 | 0.14 | 2310 | 0.025 | 2790 | UBT1V222MHD8 |
| 50 (1H) | 4.7 | 8×11.5 | 0.10 | 7.05 | 1.15 | 85 | UBT1H47RMPD8 |
| | 10 | 8×11.5 | 0.10 | 15 | 0.75 | 180 | UBT1H100MPD8 |
| | 22 | 8×11.5 | 0.10 | 33 | 0.50 | 250 | UBT1H220MPD8 |
| | 33 | 8×11.5 | 0.10 | 49.5 | 0.45 | 300 | UBT1H330MPD8 |
| | 47 | 8×11.5 | 0.10 | 70.5 | 0.35 | 440 | UBT1H470MPD8 |
| | 100 | 10×12.5 | 0.10 | 150 | 0.18 | 555 | UBT1H101MPD8 |
| | 220 | 10×20 | 0.10 | 330 | 0.098 | 930 | UBT1H221MPD8 |
| | 330 | 12.5×20 | 0.10 | 495 | 0.070 | 1330 | UBT1H331MHD8 |
| | 470 | 12.5×25 | 0.10 | 705 | 0.055 | 1650 | UBT1H471MHD8 |
| | 1000 | 16×30.5 | 0.10 | 1500 | 0.031 | 2430 | UBT1H102MHD8 |
| 63 (1J) | 22 | 8×11.5 | 0.10 | 41.58 | 2.00 | 130 | UBT1J220MPD8 |
| | 33 | 8×11.5 | 0.10 | 62.37 | 1.50 | 150 | UBT1J330MPD8 |
| | 47 | 10×12.5 | 0.10 | 88.83 | 0.59 | 530 | UBT1J470MPD8 |
| | 100 | 10×16 | 0.10 | 189 | 0.41 | 690 | UBT1J101MPD8 |
| | 220 | 12.5×20 | 0.10 | 415.8 | 0.16 | 1050 | UBT1J221MHD8 |
| | 330 | 12.5×25 | 0.10 | 623.7 | 0.12 | 1290 | UBT1J331MHD8 |
| | 470 | 12.5×30.5 | 0.10 | 888.3 | 0.097 | 1460 | UBT1J471MHD8 |

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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. (20°C/100kHz) | Rated Ripple (mArms) (125°C/100kHz) | Part Number |
|--------------------------|------------------------|---------------------|-------|---|----------------------------------|-------------------------------------|--------------|
| 80 (1K) | 22 | 8×11.5 | 0.08 | 52.8 | 1.50 | 150 | UBT1K220MPD8 |
| | 33 | 10×12.5 | 0.08 | 79.2 | 0.80 | 480 | UBT1K330MPD8 |
| | 47 | 10×12.5 | 0.08 | 112.8 | 0.80 | 480 | UBT1K470MPD8 |
| | 100 | 10×20 | 0.08 | 240 | 0.39 | 790 | UBT1K101MPD8 |
| | 220 | 12.5×25 | 0.08 | 528 | 0.18 | 1240 | UBT1K221MHD8 |
| | 330 | 12.5×30.5 | 0.08 | 792 | 0.16 | 1390 | UBT1K331MHD8 |
| 100 (2A) | 470 | 16×25 | 0.08 | 1128 | 0.11 | 1500 | UBT1K471MHD8 |
| | 10 | 8×11.5 | 0.08 | 30 | 1.50 | 150 | UBT2A100MPD8 |
| | 22 | 10×12.5 | 0.08 | 66 | 0.80 | 480 | UBT2A220MPD8 |
| | 33 | 10×12.5 | 0.08 | 99 | 0.80 | 480 | UBT2A330MPD8 |
| | 47 | 10×16 | 0.08 | 141 | 0.55 | 630 | UBT2A470MPD8 |
| | 100 | 12.5×20 | 0.08 | 300 | 0.25 | 990 | UBT2A101MHD8 |
| | 220 | 16×25 | 0.08 | 660 | 0.11 | 1500 | UBT2A221MHD8 |
| 330 | 16×30.5 | 0.08 | 990 | 0.079 | 1790 | UBT2A331MHD8 | |

| Rated Voltage (V) (code) | Rated Capacitance (μF) | Case Size φD×L (mm) | tan δ | Leakage Current (μA) (at 20°C after 1 minute) | Rated Ripple (mArms) (125°C/120Hz) | Part Number |
|--------------------------|------------------------|---------------------|-------|---|------------------------------------|--------------|
| 160 (2C) | 22 | 10×20 | 0.20 | 240.8 | 115 | UBT2C220MPD8 |
| | 33 | 10×25 | 0.20 | 311.2 | 154 | UBT2C330MPD8 |
| | 47 | 12.5×20 | 0.20 | 400.8 | 187 | UBT2C470MHD8 |
| | 68 | 12.5×25 | 0.20 | 535.2 | 245 | UBT2C680MHD8 |
| | 100 | 16×25 | 0.20 | 740 | 329 | UBT2C101MHD8 |
| | 150 | 16×30.5 | 0.20 | 1060 | 434 | UBT2C151MHD8 |
| 200 (2D) | 10 | 10×20 | 0.20 | 180 | 78 | UBT2D100MPD8 |
| | 22 | 10×25 | 0.20 | 276 | 126 | UBT2D220MPD8 |
| | 33 | 12.5×20 | 0.20 | 364 | 157 | UBT2D330MHD8 |
| | 47 | 12.5×25 | 0.20 | 476 | 204 | UBT2D470MHD8 |
| | 68 | 16×20 | 0.20 | 644 | 250 | UBT2D680MHD8 |
| 250 (2E) | 100 | 16×25 | 0.20 | 900 | 329 | UBT2D101MHD8 |
| | 10 | 10×20 | 0.20 | 200 | 78 | UBT2E100MPD8 |
| | 22 | 12.5×20 | 0.20 | 320 | 128 | UBT2E220MHD8 |
| | 33 | 12.5×25 | 0.20 | 430 | 171 | UBT2E330MHD8 |
| | 47 | 16×25 | 0.20 | 570 | 225 | UBT2E470MHD8 |
| 350 (2V) | 68 | 16×30.5 | 0.20 | 780 | 292 | UBT2E680MHD8 |
| | 4.7 | 10×20 | 0.24 | 165.8 | 53 | UBT2V4R7MPD8 |
| | 10 | 10×25 | 0.24 | 240 | 85 | UBT2V100MPD8 |
| | 22 | 12.5×25 | 0.24 | 408 | 139 | UBT2V220MHD8 |
| | 33 | 16×25 | 0.24 | 562 | 189 | UBT2V330MHD8 |
| 400 (2G) | 47 | 16×30.5 | 0.24 | 758 | 243 | UBT2V470MHD8 |
| | 4.7 | 10×20 | 0.24 | 175.2 | 53 | UBT2G4R7MPD8 |
| | 10 | 10×25 | 0.24 | 260 | 86 | UBT2G100MPD8 |
| | 22 | 12.5×30.5 | 0.24 | 452 | 142 | UBT2G220MHD8 |
| | 33 | 16×25 | 0.24 | 628 | 189 | UBT2G330MHD8 |
| 450 (2W) | 47 | 16×30.5 | 0.24 | 852 | 243 | UBT2G470MHD8 |
| | 4.7 | 10×25 | 0.24 | 184.6 | 58 | UBT2W4R7MPD8 |
| | 10 | 12.5×20 | 0.24 | 280 | 86 | UBT2W100MHD8 |
| | 22 | 16×25 | 0.24 | 496 | 154 | UBT2W220MHD8 |
| | 33 | 16×30.5 | 0.24 | 694 | 203 | UBT2W330MHD8 |

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

Looking for pricing, stock, or lifecycle information?

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