

Aluminum Electrolytic Capacitors

105°C 1000~2000Hrs

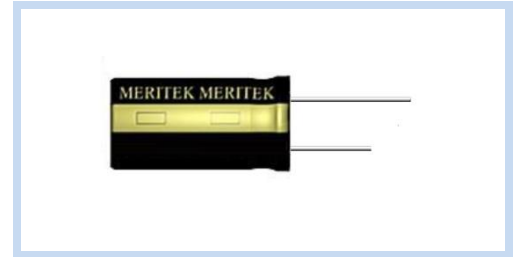
REW Series

MERITEK

FEATURE

- Operating Temperature: -55°C ~ +105°C
- Lower Impedance at High Frequency and High Ripple Current
- Suitable for Output of Motherboard and Switching Power Supplies
- Load Life

| | | |
|------|---------|---------|
| Dia | ≤8mm | ≥10mm |
| Life | 1000hrs | 2000hrs |



SPECIFICATIONS

| Item | Characteristic | | | | | | | |
|---|---|-----------------------------------|---------|---------|-------|------|---|--|
| Operation Temperature | -55°C ~ + 105°C | | | | | | | |
| Rated Working Voltage | 6.3 ~ 50VDC | | | | | | | |
| Capacitance Tolerance | ±20% (M); 120Hz 20°C | | | | | | | |
| Leakage Current at 20°C | I ≤0.01CV or 3 (μA) *Whichever is greater after 3 minutes | | | | | I: | Leakage Current (μA) | |
| | | | | | | C: | Capacitance (μF) | |
| | | | | | | V: | Working Voltage (V) | |
| Surge Voltage at 20°C | Rated Voltage (V) | 6.3 | 10 | 16 | 25 | 35 | 50 | |
| | Surge Voltage (V) | 8 | 13 | 20 | 32 | 44 | 63 | |
| Dissipation Factor-tan δ At 120Hz 20°C | Rated Voltage (V) | 6.3 | 10 | 16 | 25 | 35 | 50 | |
| | tan δ max | 0.22 | 0.19 | 0.16 | 0.14 | 0.12 | 0.10 | |
| | Add 0.02 per 1000 μF for more than 1000 μF | | | | | | | |
| Low Temperature Stability | Rated Voltage (V) | 6.3~16 | | | 25~50 | | | |
| | -25°C / +20°C | 3 | | | 2 | | | |
| | -55°C / +20°C | 6 | | | 4 | | | |
| | Impedance ratio at 120Hz | | | | | | | |
| Load Life | Capacitance Change | ≤ ±20% of initial value | | | | | After working hours application of W.V. and +105°C ripple current value, the capacitor shall meet the following limits. (DC + ripple peak voltage ≤ rate working voltage) | |
| | Dissipation Factor | ≤ 200% of initial specified value | | | | | | |
| | Leakage current | ≤ initial specified value | | | | | | |
| | | Dia | ≤8mm | ≥10mm | | | | |
| | | Life | 1000hrs | 2000hrs | | | | |
| Shelf Life | At +105°C no voltage application after 1000 hours the capacitor shall meet the limits for load life characteristics. (with voltage treatment) | | | | | | | |

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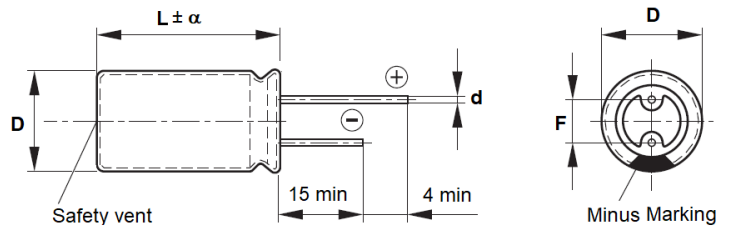
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DIMENSION

Unit: mm

| D+0.5(max) | 5 | 6.3 | 8 | 10 | 12.5 | 16 | 18 |
|------------|-----|-----|-----|-----|------|-----|-----|
| F±0.5 | 2.0 | 2.5 | 3.5 | 5.0 | 5.0 | 7.5 | 7.5 |
| d±0.05 | 0.5 | 0.5 | 0.6 | 0.6 | 0.6 | 0.8 | 0.8 |
| α | 1.5 | 1.5 | 1.5 | 1.5 | 2.0 | 2.0 | 2.0 |



RIPPLE CURRENT COEFFICIENTS

| Working Voltage | Frequency Coefficient | | | | | |
|-----------------|-----------------------|-------|-------|------|-------|--------|
| | 60Hz | 120Hz | 400Hz | 1KHz | 10KHz | 100KHz |
| 6.3~16V | 0.45 | 0.60 | 0.83 | 0.94 | 0.98 | 1.00 |
| 25~35V | 0.38 | 0.50 | 0.75 | 0.90 | 0.97 | 1.00 |
| 50~63V | 0.36 | 0.46 | 0.70 | 0.88 | 0.94 | 1.00 |

| Temperature Coefficient | |
|-------------------------|--------|
| °C | Factor |
| 65°C | 2.12 |
| 75°C | 1.92 |
| 85°C | 1.69 |
| 95°C | 1.50 |
| 105°C | 1.00 |

PART NUMBERING SYSTEM

REW (1) 1H (2) 101 (3) M (4) J (5) 125 (6) A (7) D (8)

| No | Item | Code | Description | Series Reference |
|-----|--------------------|------|----------------------------------|---|
| (1) | Meritek Series | REW | Aluminum Electrolytic Capacitors | Low Impedance High Ripple Current, 2KHrs 105°C |
| (2) | Rated Voltage Code | 1H | 1H: 50V | DC working voltage, See Table Below |
| (3) | Capacitance | 101 | 101:100μF | First two digit: significant, Third: Multiplier |
| (4) | Tolerance | M | M: ±20% | -20% ~ +20% |
| (5) | Case Diameter Code | J | J: 10.0 mm | See Table Below |
| (6) | Case Height | 125 | 125: 12.5 mm | Third digit denotes the first decimal place |
| (7) | Package | A | A: Tape & Ammo | R: Tape & Reel, Blank : Bulk |
| (8) | Taping Pitch Code | D | D: 3.5 mm | See Table Below, Blank: Bulk |

| Voltage | 4 | 6.3 | 10 | 16 | 25 | 35 | 50 | 63 | 100 | 160 | 200 | 250 | 350 | 400 | 450 | 500 |
|---------|----|-----|----|----|----|----|----|----|-----|-----|-----|-----|-----|-----|-----|-----|
| Code | 0G | 0J | 1A | 1C | 1E | 1V | 1H | 1J | 2A | 2C | 2D | 2E | 2V | 2G | 2W | 2H |

| Diameter | 4 | 5 | 6.3 | 8 | 10 | 12.5 | 14.5 | 16 | 18 | 20 | 22 | 25 |
|----------|---|---|-----|---|----|------|------|----|----|----|----|----|
| Code | D | E | F | H | J | K | U | L | M | N | P | Q |

| Pitch | 1.5 | 2 | 2.5 | 3.5 | 5 | 7.5 |
|-------|-----|---|-----|-----|---|-----|
| Code | A | B | C | D | E | F |

LEGACY PART NUMBERING SYSTEM

REW (1) 50V (2) 101 (3) M (4) TA (5) 1012 (6)

| No | (1) | (2) | (3) | (4) | (5) | (6) |
|------|----------------|---------------|-------------|-----------|---------|-----------|
| Item | Meritek Series | Rated Voltage | Capacitance | Tolerance | Package | Case Size |

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CASE SIZE AND MAX RIPPLE CURRENT

| Capacitance | | 6.3VDC (0J) | | | | 10VDC (1A) | | | |
|-------------|------|-------------|-----------|----------|---------|------------|-----------|----------|---------|
| | | DxL | Impedance | | RC | DxL | Impedance | | RC |
| μF | Code | (mm) | 20°C(Ω) | -10°C(Ω) | mA(rms) | (mm) | 20°C(Ω) | -10°C(Ω) | mA(rms) |
| 100 | 101 | → | → | → | → | 5x11 | 0.312 | 0.937 | 230 |
| 120 | 121 | → | → | → | → | 5x11 | 0.266 | 0.798 | 250 |
| 150 | 151 | 5x11 | 0.219 | 0.656 | 250 | 5x11 | 0.218 | 0.653 | 280 |
| 180 | 181 | 5x11 | 0.190 | 0.571 | 270 | 5x15 | 0.189 | 0.568 | 360 |
| | | → | → | → | → | 6.3x11 | 0.189 | 0.568 | 350 |
| 220 | 221 | 5x11 | 0.162 | 0.487 | 300 | 5x15 | 0.161 | 0.484 | 400 |
| | | → | → | → | → | 6.3x11 | 0.161 | 0.484 | 390 |
| 270 | 271 | 5x15 | 0.148 | 0.444 | 380 | 5x15 | 0.147 | 0.442 | 440 |
| | | 6.3x11 | 0.148 | 0.444 | 380 | 6.3x11 | 0.147 | 0.442 | 430 |
| 330 | 331 | 5x15 | 0.130 | 0.389 | 420 | 6.3x15 | 0.129 | 0.387 | 550 |
| | | 6.3x11 | 0.130 | 0.389 | 420 | 8x11 | 0.129 | 0.387 | 560 |
| 390 | 391 | 6.3x15 | 0.117 | 0.351 | 520 | 6.3x15 | 0.116 | 0.349 | 600 |
| | | 8x11 | 0.117 | 0.351 | 530 | 8x11 | 0.116 | 0.349 | 610 |
| 470 | 471 | 6.3x15 | 0.106 | 0.319 | 570 | 6.3x15 | 0.106 | 0.317 | 660 |
| | | 8x11 | 0.106 | 0.319 | 580 | 8x11 | 0.106 | 0.317 | 670 |
| 560 | 561 | 6.3x15 | 0.094 | 0.283 | 620 | 6.3x15 | 0.094 | 0.281 | 720 |
| | | 8x11 | 0.094 | 0.283 | 630 | 8x11 | 0.094 | 0.281 | 730 |
| 680 | 681 | 6.3x15 | 0.084 | 0.252 | 680 | 8x15 | 0.083 | 0.250 | 900 |
| | | 8x11 | 0.084 | 0.252 | 700 | 10x12.5 | 0.083 | 0.250 | 950 |
| 820 | 821 | 8x15 | 0.077 | 0.230 | 860 | 8x15 | 0.076 | 0.228 | 990 |
| | | 10x12.5 | 0.077 | 0.230 | 900 | 10x12.5 | 0.076 | 0.228 | 1040 |
| 1000 | 102 | 8x15 | 0.069 | 0.206 | 950 | 8x20 | 0.068 | 0.204 | 1240 |
| | | 10x12.5 | 0.069 | 0.206 | 990 | 10x16 | 0.068 | 0.204 | 1280 |
| 1200 | 122 | 8x20 | 0.059 | 0.178 | 1180 | 10x20 | 0.059 | 0.177 | 1540 |
| | | 10x16 | 0.059 | 0.178 | 1210 | 12.5x15 | 0.059 | 0.148 | 1480 |
| 1500 | 152 | 10x20 | 0.036 | 0.107 | 1450 | 10x25 | 0.035 | 0.106 | 1830 |
| | | 12.5x15 | 0.036 | 0.089 | 1390 | 12.5x18 | 0.035 | 0.089 | 1720 |
| 1800 | 182 | 10x20 | 0.031 | 0.094 | 1590 | 10x25 | 0.031 | 0.094 | 2000 |
| | | 12.5x15 | 0.031 | 0.078 | 1520 | 12.5x18 | 0.031 | 0.078 | 1880 |
| 2200 | 222 | 10x25 | 0.028 | 0.083 | 1880 | 10x28 | 0.027 | 0.082 | 2250 |
| | | 12.5x18 | 0.028 | 0.069 | 1770 | 16x15 | 0.027 | 0.068 | 1960 |
| 2700 | 272 | 10x28 | 0.025 | 0.075 | 2140 | 12.5x20 | 0.025 | 0.062 | 2250 |
| | | 16x15 | 0.025 | 0.063 | 1870 | 16x15 | 0.025 | 0.062 | 2100 |
| 3300 | 332 | 12.5x20 | 0.023 | 0.058 | 2150 | 12.5x25 | 0.023 | 0.057 | 2650 |
| | | 16x15 | 0.023 | 0.058 | 2010 | 18x15 | 0.023 | 0.057 | 2300 |
| 3900 | 392 | 12.5x25 | 0.022 | 0.055 | 2520 | 12.5x30 | 0.022 | 0.055 | 3030 |
| | | 18x15 | 0.022 | 0.055 | 2190 | 16x20 | 0.022 | 0.055 | 2670 |
| 4700 | 472 | 12.5x30 | 0.021 | 0.053 | 2860 | 12.5x35 | 0.021 | 0.053 | 3210 |
| | | 16x20 | 0.021 | 0.053 | 2520 | 16x25 | 0.021 | 0.053 | 3050 |
| 5600 | 562 | 12.5x35 | 0.020 | 0.050 | 3060 | 12.5x40 | 0.020 | 0.049 | 3550 |
| | | 16x25 | 0.020 | 0.050 | 2900 | 18x20 | 0.020 | 0.049 | 2940 |
| 6800 | 682 | 12.5x40 | 0.019 | 0.047 | 3450 | 16x32 | 0.019 | 0.047 | 3680 |
| | | 18x20 | 0.019 | 0.047 | 2850 | 18x25 | 0.019 | 0.047 | 3390 |
| 8200 | 822 | 16x32 | 0.018 | 0.045 | 3540 | 16x36 | 0.018 | 0.044 | 4010 |
| | | 18x25 | 0.018 | 0.045 | 3260 | 18x32 | 0.018 | 0.044 | 3870 |
| 10000 | 103 | 16x36 | 0.017 | 0.043 | 3880 | -- | -- | -- | -- |
| | | 18x32 | 0.017 | 0.043 | 3740 | 18x36 | 0.017 | 0.042 | 4190 |

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MERITEK

CASE SIZE AND MAX RIPPLE CURRENT

| Capacitance | | 16VDC (1C) | | | | 25VDC (1E) | | | |
|-------------|------|------------|-----------|----------|---------|------------|-----------|----------|---------|
| | | DxL | Impedance | | RC | DxL | Impedance | | RC |
| μF | Code | (mm) | 20°C(Ω) | -10°C(Ω) | mA(rms) | (mm) | 20°C(Ω) | -10°C(Ω) | mA(rms) |
| 47 | 470 | → | → | → | → | 5x11 | 0.283 | 0.085 | 220 |
| 56 | 560 | 5x11 | 0.253 | 0.759 | 190 | 5x11 | 0.253 | 0.758 | 240 |
| 68 | 680 | 5x11 | 0.221 | 0.662 | 210 | 5x11 | 0.220 | 0.661 | 270 |
| 82 | 820 | 5x11 | 0.203 | 0.610 | 230 | 5x15 | 0.203 | 0.609 | 340 |
| | | → | → | → | → | 6.3x11 | 0.203 | 0.609 | 330 |
| 100 | 101 | 5x11 | 0.183 | 0.550 | 250 | 5x15 | 0.183 | 0.549 | 370 |
| | | → | → | → | → | 6.3x11 | 0.183 | 0.549 | 370 |
| 120 | 121 | 5x15 | 0.156 | 0.469 | 320 | 5x15 | 0.156 | 0.468 | 410 |
| | | 6.3x11 | 0.156 | 0.469 | 320 | 6.3x11 | 0.156 | 0.468 | 400 |
| 150 | 151 | 5x15 | 0.128 | 0.383 | 360 | 6.3x15 | 0.128 | 0.383 | 510 |
| | | 6.3x11 | 0.128 | 0.383 | 350 | 8x11 | 0.128 | 0.383 | 520 |
| 180 | 181 | 5x15 | 0.111 | 0.333 | 390 | 6.3x15 | 0.111 | 0.333 | 560 |
| | | 6.3x11 | 0.111 | 0.333 | 390 | 8x11 | 0.111 | 0.333 | 570 |
| 220 | 221 | 5x15 | 0.095 | 0.284 | 430 | 6.3x15 | 0.095 | 0.284 | 620 |
| | | 6.3x11 | 0.095 | 0.284 | 430 | 8x11 | 0.095 | 0.284 | 630 |
| 270 | 271 | 6.3x15 | 0.086 | 0.259 | 550 | 8x15 | 0.086 | 0.259 | 790 |
| | | 8x11 | 0.086 | 0.259 | 550 | 10x12.5 | 0.086 | 0.259 | 830 |
| 330 | 331 | 6.3x15 | 0.076 | 0.227 | 600 | 8x15 | 0.076 | 0.227 | 870 |
| | | 8x11 | 0.076 | 0.227 | 610 | 10x12.5 | 0.076 | 0.227 | 910 |
| 390 | 391 | 8x15 | 0.068 | 0.205 | 750 | 8x20 | 0.068 | 0.205 | 1080 |
| | | 10x12.5 | 0.068 | 0.205 | 790 | 10x16 | 0.068 | 0.205 | 1100 |
| 470 | 471 | 8x15 | 0.062 | 0.186 | 820 | 8x20 | 0.062 | 0.186 | 1180 |
| | | 10x12.5 | 0.062 | 0.186 | 860 | 10x16 | 0.062 | 0.186 | 1210 |
| 560 | 561 | 8x20 | 0.055 | 0.165 | 1020 | 8x20 | 0.055 | 0.165 | 1290 |
| | | 10x16 | 0.055 | 0.165 | 1050 | 10x16 | 0.055 | 0.165 | 1320 |
| 680 | 681 | 8x20 | 0.049 | 0.147 | 1120 | 10x20 | 0.049 | 0.147 | 1610 |
| | | 10x16 | 0.049 | 0.147 | 1150 | 12.5x15 | 0.049 | 0.122 | 1550 |
| 820 | 821 | 8x20 | 0.045 | 0.134 | 1230 | 10x25 | 0.045 | 0.134 | 1950 |
| | | 10x16 | 0.045 | 0.134 | 1270 | 12.5x18 | 0.045 | 0.112 | 1830 |
| 1000 | 102 | 10x20 | 0.040 | 0.120 | 1540 | 10x28 | 0.040 | 0.120 | 2270 |
| | | 12.5x15 | 0.040 | 0.100 | 1480 | 16x15 | 0.040 | 0.100 | 1980 |
| 1200 | 122 | 10x25 | 0.035 | 0.104 | 1870 | 12.5x20 | 0.035 | 0.104 | 2320 |
| | | 12.5x18 | 0.035 | 0.087 | 1750 | 16x15 | 0.035 | 0.087 | 2170 |
| 1500 | 152 | 10x28 | 0.029 | 0.088 | 2100 | 12.5x25 | 0.029 | 0.074 | 2710 |
| | | 16x15 | 0.029 | 0.074 | 1830 | 18x15 | 0.029 | 0.074 | 2480 |
| 1800 | 182 | 12.5x20 | 0.026 | 0.065 | 2140 | 12.5x30 | 0.026 | 0.065 | 3230 |
| | | 16x15 | 0.026 | 0.065 | 2000 | 16x20 | 0.026 | 0.065 | 2840 |
| 2200 | 222 | 12.5x25 | 0.023 | 0.057 | 2500 | 12.5x35 | 0.023 | 0.057 | 3470 |
| | | 18x15 | 0.023 | 0.057 | 2170 | 16x25 | 0.023 | 0.057 | 3290 |
| 2700 | 272 | 12.5x30 | 0.021 | 0.052 | 2890 | 12.5x40 | 0.021 | 0.052 | 3910 |
| | | 16x20 | 0.021 | 0.052 | 2540 | 18x20 | 0.021 | 0.052 | 3240 |
| 3300 | 332 | 12.5x35 | 0.019 | 0.048 | 3130 | 16x32 | 0.019 | 0.047 | 4100 |
| | | 16x25 | 0.019 | 0.048 | 2970 | 18x25 | 0.019 | 0.047 | 3770 |
| 3900 | 392 | 12.5x40 | 0.018 | 0.046 | 3500 | 16x36 | 0.018 | 0.046 | 4530 |
| | | 18x20 | 0.018 | 0.046 | 2900 | 18x32 | 0.018 | 0.046 | 4360 |
| 4700 | 472 | 16x32 | 0.016 | 0.040 | 3560 | -- | -- | -- | -- |
| | | 18x25 | 0.016 | 0.040 | 3280 | 18x36 | 0.016 | 0.040 | 4720 |
| 5600 | 562 | 16x36 | 0.015 | 0.038 | 3880 | -- | -- | -- | -- |
| | | 18x32 | 0.015 | 0.038 | 3740 | -- | -- | -- | -- |

Aluminum Electrolytic Capacitors

105°C 1000~2000Hrs

REW Series

MERITEK

CASE SIZE AND MAX RIPPLE CURRENT

| Capacitance | | 35VDC (1V) | | | | 50VDC (1H) | | | |
|-------------|------|-------------|-----------|----------|---------|-------------|-----------|----------|---------|
| | | DxL (mm) | Impedance | | RC | DxL (mm) | Impedance | | RC |
| μF | Code | | 20°C(Ω) | -10°C(Ω) | mA(rms) | | 20°C(Ω) | -10°C(Ω) | mA(rms) |
| 4.7 | 4R7 | → | → | → | → | 5x11 | 1.061 | 3.182 | 85 |
| 6.8 | 6R8 | → | → | → | → | 5x11 | 0.916 | 2.749 | 100 |
| 10 | 100 | 5x11 | 0.832 | 2.495 | 110 | 5x11 | 0.831 | 2.493 | 130 |
| 15 | 150 | 5x11 | 0.610 | 1.829 | 130 | 5x11 | 0.609 | 1.828 | 150 |
| 18 | 180 | 5x11 | 0.531 | 1.594 | 150 | 5x11 | 0.531 | 1.593 | 170 |
| 22 | 220 | 5x11 | 0.454 | 1.361 | 160 | 5x11 | 0.453 | 1.360 | 190 |
| 27 | 270 | 5x11 | 0.400 | 1.201 | 180 | 5x11 | 0.400 | 1.200 | 210 |
| 33 | 330 | 5x11 | 0.353 | 1.058 | 200 | 5x11 | 0.353 | 1.058 | 230 |
| 39 | 390 | 5x11 | 0.320 | 0.096 | 210 | 5x15 | 0.320 | 0.959 | 290 |
| | | → | → | → | → | 6.3x11 | 0.320 | 0.959 | 280 |
| 47 | 470 | 5x11 | 0.283 | 0.849 | 230 | 5x15 | 0.283 | 0.849 | 310 |
| | | → | → | → | → | 6.3x11 | 0.283 | 0.849 | 310 |
| 56 | 560 | 5x15 | 0.252 | 0.757 | 290 | 5x15 | 0.252 | 0.757 | 340 |
| | | 6.3x11 | 0.252 | 0.757 | 290 | 6.3x11 | 0.252 | 0.757 | 340 |
| 68 | 680 | 5x15 | 0.220 | 0.660 | 320 | 6.3x15 | 0.220 | 0.660 | 430 |
| | | 6.3x11 | 0.220 | 0.660 | 320 | 8x11 | 0.220 | 0.660 | 430 |
| 82 | 820 | 5x15 | 0.203 | 0.608 | 360 | 6.3x15 | 0.203 | 0.608 | 470 |
| | | 6.3x11 | 0.203 | 0.608 | 350 | 8x11 | 0.203 | 0.608 | 480 |
| 100 | 101 | 6.3x15 | 0.183 | 0.549 | 450 | 8x15 | 0.183 | 0.548 | 590 |
| | | 8x11 | 0.183 | 0.549 | 450 | 10x12.5 | 0.183 | 0.548 | 620 |
| 120 | 121 | 6.3x15 | 0.109 | 0.327 | 490 | 8x15 | 0.109 | 0.327 | 650 |
| | | 8x11 | 0.109 | 0.327 | 500 | 10x12.5 | 0.109 | 0.327 | 680 |
| 150 | 151 | 6.3x15 | 0.089 | 0.268 | 550 | 8x20 | 0.089 | 0.268 | 820 |
| | | 8x11 | 0.089 | 0.268 | 550 | 10x16 | 0.089 | 0.268 | 840 |
| 180 | 181 | 8x15 | 0.078 | 0.233 | 680 | 8x20 | 0.078 | 0.233 | 900 |
| | | 10x12.5 | 0.078 | 0.233 | 720 | 10x16 | 0.078 | 0.233 | 920 |
| 220 | 221 | 8x15 | 0.066 | 0.198 | 750 | 8x20 | 0.066 | 0.198 | 1000 |
| | | 10x12.5 | 0.066 | 0.198 | 790 | 10x16 | 0.066 | 0.198 | 1020 |
| 270 | 271 | 8x20 | 0.060 | 0.181 | 950 | 10x20 | 0.060 | 0.181 | 1250 |
| | | 10x16 | 0.060 | 0.181 | 970 | 12.5x15 | 0.060 | 0.151 | 1200 |
| 330 | 331 | 8x20 | 0.053 | 0.159 | 1050 | 10x25 | 0.053 | 0.159 | 1530 |
| | | 10x16 | 0.053 | 0.159 | 1080 | 12.5x18 | 0.053 | 0.132 | 1430 |
| 390 | 391 | 10x20 | 0.048 | 0.143 | 1290 | 10x25 | 0.048 | 0.143 | 1660 |
| | | 12.5x15 | 0.048 | 0.119 | 1240 | 12.5x18 | 0.048 | 0.119 | 1560 |
| 470 | 471 | 10x20 | 0.043 | 0.130 | 1420 | 12.5x20 | 0.043 | 0.108 | 1790 |
| | | 12.5x15 | 0.043 | 0.108 | 1360 | 16x15 | 0.043 | 0.108 | 1680 |
| 560 | 561 | 10x25 | 0.038 | 0.115 | 1710 | 12.5x25 | 0.038 | 0.096 | 2150 |
| | | 12.5x18 | 0.038 | 0.096 | 1610 | 18x15 | 0.038 | 0.096 | 1870 |
| 680 | 681 | 10x28 | 0.034 | 0.103 | 1990 | 12.5x30 | 0.034 | 0.086 | 2580 |
| | | 16x15 | 0.034 | 0.086 | 1730 | 16x20 | 0.034 | 0.086 | 2260 |
| 820 | 821 | 10x30 | 0.031 | 0.094 | 2250 | 12.5x35 | 0.031 | 0.078 | 2880 |
| | | 16x15 | 0.031 | 0.078 | 1900 | 16x25 | 0.031 | 0.078 | 2730 |
| 1000 | 102 | 12.5x25 | 0.028 | 0.070 | 2480 | 12.5x40 | 0.028 | 0.070 | 3390 |
| | | 18x15 | 0.028 | 0.070 | 2150 | 18x20 | 0.028 | 0.070 | 2800 |
| 1200 | 122 | 12.5x30 | 0.024 | 0.061 | 2940 | 16x32 | 0.024 | 0.061 | 3660 |
| | | 16x20 | 0.024 | 0.061 | 2590 | 18x25 | 0.024 | 0.061 | 3370 |
| 1500 | 152 | 12.5x35 | 0.021 | 0.051 | 3160 | 16x36 | 0.021 | 0.051 | 4040 |
| | | 16x25 | 0.021 | 0.051 | 3000 | 18x32 | 0.021 | 0.051 | 3890 |
| 1800 | 182 | 12.5x40 | 0.018 | 0.045 | 3690 | -- | -- | -- | -- |
| | | 18x20 | 0.018 | 0.045 | 3050 | -- | -- | -- | -- |
| 2200 | 222 | 16x32 | 0.016 | 0.040 | 3810 | -- | -- | -- | -- |
| | | 18x25 | 0.016 | 0.040 | 3510 | -- | -- | -- | -- |

Aluminum Electrolytic Capacitors

105°C 1000~2000Hrs

REW Series

MERITEK

CASE SIZE AND MAX RIPPLE CURRENT

| Capacitance | | 63VDC (1J) | | | |
|-------------|------|------------|-----------|----------|---------|
| | | DxL | Impedance | | RC |
| μF | Code | (mm) | 20°C(Ω) | -10°C(Ω) | mA(rms) |
| 10 | 100 | 5x11 | 0.997 | 2.991 | 130 |
| 22 | 220 | 5x11 | 0.544 | 1.632 | 190 |
| | | 6.3x11 | 0.544 | 1.632 | 210 |
| 33 | 330 | 5x15 | 0.423 | 1.269 | 260 |
| | | 6.3x11 | 0.423 | 1.269 | 260 |
| 47 | 470 | 8x11 | 0.339 | 1.018 | 360 |
| 68 | 680 | 8x15 | 0.220 | 0.660 | 490 |
| 100 | 101 | 10x12.5 | 0.183 | 0.548 | 620 |
| 220 | 221 | 10x20 | 0.094 | 0.283 | 1130 |
| 330 | 331 | 10x30 | 0.076 | 0.227 | 1660 |
| 470 | 471 | 12.5x25 | 0.062 | 0.155 | 1970 |
| 680 | 681 | 12.5x35 | 0.039 | 0.098 | 2760 |
| 1000 | 102 | 16x25 | 0.032 | 0.080 | 3020 |

Note:

1. Max ripple current :mA(rms) at 105°C. 100KHz
2. Impedance(Ω) at 100KHz
3. All blank voltage on sleeve marking is the same voltage as"→"point to.

*Specifications subject to change without notice.