

UHW

Miniature Sized, High Ripple Current, High Reliability



- Lower impedance at high frequency range.
- Smaller case size and high ripple current.
- Compliant to the RoHS directive (2011/65/EU,(EU)2015/863).



Specifications

| Item | Performance Characteristics | | | | | | | | | | | |
|--|---|--|------------|-------------|-------------|-------------|------|------|------|------|---------------|---|
| Category Temperature Range | -40 to +105°C | | | | | | | | | | | |
| Rated Voltage Range | 6.3 to 100V | | | | | | | | | | | |
| Rated Capacitance Range | 8.2 to 15000µF | | | | | | | | | | | |
| Capacitance Tolerance | ±20% at 120Hz, 20°C | | | | | | | | | | | |
| Leakage Current | After 2 minutes' application of rated voltage at 20°C, leakage current is not more than 0.01CV (µA) | | | | | | | | | | | |
| Tangent of loss angle (tan δ) | Rated voltage (V) | 6.3 | 10 | 16 | 25 | 35 | 50 | 63 | 80 | 100 | 120Hz 20°C | |
| | tan δ (MAX.) | 0.21 | 0.18 | 0.15 | 0.13 | 0.11 | 0.10 | 0.09 | 0.09 | 0.08 | | |
| For capacitance of more than 1000µF, add 0.02 for every increase of 1000µF. | | | | | | | | | | | | |
| Stability at Low Temperature | Rated voltage (V) | 6.3 | 10 | 16 | 25 | 35 | 50 | 63 | 80 | 100 | 120Hz | |
| | Impedance ratio (MAX.) | Z-25°C / Z+20°C | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | | 2 |
| | | Z-40°C / Z+20°C | 5 | 5 | 4 | 4 | 4 | 4 | 3 | 3 | | 3 |
| The following specifications shall be met when the capacitors are restored to 20°C after D.C. bias plus rated ripple current is applied at 105°C, the peak voltage shall not exceed the rated voltage. | | | | | | | | | | | | |
| Endurance | Case size | φD ≤ 6.3 | 8×11.5 | 8×15, 8×20 | φD ≥ 10 | | | | | | | |
| | Rated voltage (V) | 6.3V | 6000 hours | 8000 hours | 9000 hours | 10000 hours | | | | | | |
| | | 10 to 50V | 7000 hours | 9000 hours | 10000 hours | 10000 hours | | | | | | |
| | | 63 to 100V | 8000 hours | 10000 hours | 11000 hours | 12000 hours | | | | | | |
| | Capacitance change | Within ±25% of the initial capacitance value (6.3V 10V : ±30%) | | | | | | | | | | |
| | tan δ | 200% or less than the initial specified value | | | | | | | | | | |
| Leakage current | Less than or equal to the initial specified value | | | | | | | | | | | |
| Marking | Printed with white color letter on black sleeve. | | | | | | | | | | | |

Radial Lead Type



| α | (L < 20) | | (L ≥ 20) | | | | | | |
|----|----------|-----|----------|-----|------|-----|------|-----|----|
| | 1.5 | 2.0 | 5 | 6.3 | 8 | 10 | 12.5 | 16 | 18 |
| φD | 5 | 6.3 | 8 | 10 | 12.5 | 16 | 18 | | |
| P | 2.0 | 2.5 | 3.5 | 5.0 | 5.0 | 7.5 | 7.5 | | |
| φd | 0.5 | 0.5 | 0.6 | 0.6 | 0.6 | 0.6 | 0.8 | 0.8 | |

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

• Please refer to page 20 about the end seal configuration.

Frequency coefficient of rated ripple current

| Cap. (µF) | Frequency | 120Hz | 1kHz | 10kHz | 10kHz or more |
|---------------|-----------|-------|------|-------|---------------|
| 8.2 to 33 | | 0.40 | 0.70 | 0.90 | 1.00 |
| 39 to 180 | | 0.40 | 0.75 | 0.90 | 1.00 |
| 220 to 560 | | 0.50 | 0.85 | 0.94 | 1.00 |
| 680 to 1800 | | 0.60 | 0.87 | 0.95 | 1.00 |
| 2200 to 3900 | | 0.75 | 0.90 | 0.95 | 1.00 |
| 4700 to 15000 | | 0.85 | 0.95 | 0.98 | 1.00 |

Please refer to page 20, 21, 22 about the formed or taped product spec.
Please refer to page 4 for the minimum order quantity.

• Dimension table in next page.

Type numbering system (Example : 16V 2200µF)



※ Configuration

| φ D | Pb-free leadwire Pb-free PET sleeve |
|------------|--|
| 5 | DD |
| 6.3 | ED |
| 8 - 10 | PD |
| 12.5 to 18 | HD |

UHW

■ Dimensions

| Cap.(μF) Code | | V (Code) Item | | 6.3 (0J) | | | 10 (1A) | | | | |
|------------------|-----|------------------|--|-----------------------------|--------------------|---------------|--|-----------------------------|--------------------|---------------|--|
| | | | | Case size φD × L (mm) | Impedance (Ω) MAX. | | Rated ripple (mArms) 105°C /100kHz | Case size φD × L (mm) | Impedance (Ω) MAX. | | Rated ripple (mArms) 105°C /100kHz |
| | | | | | 20°C /100kHz | -10°C /100kHz | | | 20°C /100kHz | -10°C /100kHz | |
| 150 | 151 | | | | | | | | | | |
| 220 | 221 | 5 × 11 | | 0.47 | 1.50 | 450 | | 0.47 | 1.50 | 450 | |
| 330 | 331 | | | | | | 6.3 × 11 | 0.20 | 0.66 | 700 | |
| 470 | 471 | 6.3 × 11 | | 0.20 | 0.66 | 700 | | | | | |
| 560 | 561 | | | | | | 8 × 11.5 | 0.10 | 0.36 | 1200 | |
| 680 | 681 | | | | | | | | | | |
| 820 | 821 | 8 × 11.5 | | 0.10 | 0.36 | 1200 | 8 × 15 | 0.054 | 0.17 | 1600 | |
| 1000 | 102 | 8 × 15 | | 0.054 | 0.17 | 1600 | 10 × 12.5 | 0.048 | 0.15 | 1700 | |
| 1200 | 122 | 10 × 12.5 | | 0.048 | 0.15 | 1700 | ▲8 × 20 | 0.038 | 0.12 | 1960 | |
| | | | | | | | 10 × 16 | 0.030 | 0.090 | 2000 | |
| 1500 | 152 | 8 × 20 | | 0.038 | 0.12 | 1960 | 10 × 16 | 0.030 | 0.090 | 2000 | |
| 1800 | 182 | 10 × 16 | | 0.030 | 0.090 | 2000 | 10 × 20 | 0.020 | 0.060 | 2500 | |
| 2200 | 222 | 10 × 20 | | 0.020 | 0.060 | 2500 | 10 × 25 | 0.017 | 0.051 | 2900 | |
| 2700 | 272 | 10 × 20 | | 0.020 | 0.060 | 2500 | 12.5 × 20 | 0.017 | 0.051 | 2600 | |
| 3300 | 332 | 10 × 25 | | 0.017 | 0.051 | 2900 | 12.5 × 20 | 0.017 | 0.051 | 2600 | |
| 3900 | 392 | 12.5 × 20 | | 0.017 | 0.051 | 2600 | 12.5 × 25 | 0.015 | 0.045 | 3200 | |
| 4700 | 472 | 12.5 × 25 | | 0.015 | 0.045 | 3200 | 12.5 × 31.5 | 0.012 | 0.036 | 3795 | |
| | | | | | | | ▲16 × 20 | 0.015 | 0.045 | 3575 | |
| 5600 | 562 | 12.5 × 31.5 | | 0.012 | 0.036 | 3795 | 12.5 × 35.5 | 0.011 | 0.033 | 4120 | |
| | | ▲12.5 × 25 | | 0.015 | 0.045 | 3200 | ▲16 × 25 | 0.013 | 0.039 | 3810 | |
| 6800 | 682 | 12.5 × 31.5 | | 0.012 | 0.033 | 3795 | 16 × 25 | 0.013 | 0.039 | 3810 | |
| | | ▲16 × 20 | | 0.015 | 0.045 | 3575 | | | | | |
| 8200 | 822 | 16 × 25 | | 0.013 | 0.039 | 3810 | 16 × 31.5 | 0.011 | 0.033 | 4000 | |
| 10000 | 103 | 16 × 25 | | 0.013 | 0.039 | 3810 | 16 × 31.5 | 0.011 | 0.033 | 4000 | |
| 12000 | 123 | 16 × 31.5 | | 0.011 | 0.033 | 4000 | 16 × 35.5 | 0.010 | 0.030 | 4200 | |
| 15000 | 153 | 16 × 35.5 | | 0.010 | 0.030 | 4200 | | | | | |

| Cap.(μF) Code | | V (Code) Item | | 16 (1C) | | | 25 (1E) | | | | |
|------------------|-----|------------------|--|-----------------------------|--------------------|---------------|--|-----------------------------|--------------------|---------------|--|
| | | | | Case size φD × L (mm) | Impedance (Ω) MAX. | | Rated ripple (mArms) 105°C /100kHz | Case size φD × L (mm) | Impedance (Ω) MAX. | | Rated ripple (mArms) 105°C /100kHz |
| | | | | | 20°C /100kHz | -10°C /100kHz | | | 20°C /100kHz | -10°C /100kHz | |
| 68 | 680 | | | | | | | | | | |
| 120 | 121 | 5 × 11 | | 0.47 | 1.50 | 450 | | 0.47 | 1.50 | 450 | |
| 150 | 151 | | | | | | 6.3 × 11 | 0.20 | 0.66 | 700 | |
| 180 | 181 | | | | | | 6.3 × 11 | 0.20 | 0.66 | 700 | |
| 270 | 271 | 6.3 × 11 | | 0.20 | 0.66 | 700 | | | | | |
| 330 | 331 | | | | | | 8 × 11.5 | 0.10 | 0.36 | 1200 | |
| 390 | 391 | | | | | | 8 × 15 | 0.054 | 0.17 | 1600 | |
| 470 | 471 | 8 × 11.5 | | 0.10 | 0.36 | 1200 | 10 × 12.5 | 0.048 | 0.15 | 1700 | |
| 560 | 561 | 8 × 15 | | 0.054 | 0.17 | 1600 | 8 × 20 | 0.038 | 0.12 | 1960 | |
| 680 | 681 | 10 × 12.5 | | 0.048 | 0.15 | 1700 | 10 × 16 | 0.030 | 0.090 | 2000 | |
| 820 | 821 | ▲8 × 20 | | 0.038 | 0.12 | 1960 | 10 × 20 | 0.020 | 0.060 | 2500 | |
| | | 10 × 16 | | 0.030 | 0.090 | 2000 | ▲10 × 16 | 0.030 | 0.090 | 2000 | |
| 1000 | 102 | ▲8 × 20 | | 0.038 | 0.12 | 1960 | 10 × 20 | 0.020 | 0.060 | 2500 | |
| | | 10 × 16 | | 0.030 | 0.090 | 2000 | | | | | |
| 1200 | 122 | 10 × 20 | | 0.020 | 0.060 | 2500 | 10 × 25 | 0.017 | 0.051 | 2900 | |
| | | ▲10 × 16 | | 0.030 | 0.090 | 2000 | | | | | |
| 1500 | 152 | 10 × 20 | | 0.020 | 0.060 | 2500 | 12.5 × 20 | 0.017 | 0.051 | 2600 | |
| 1800 | 182 | 10 × 25 | | 0.017 | 0.051 | 2900 | 12.5 × 25 | 0.015 | 0.045 | 3200 | |
| 2200 | 222 | 12.5 × 20 | | 0.017 | 0.051 | 2600 | 12.5 × 25 | 0.015 | 0.045 | 3200 | |
| | | | | | | | ▲16 × 20 | 0.015 | 0.045 | 3575 | |
| 2700 | 272 | 12.5 × 25 | | 0.015 | 0.045 | 3200 | 12.5 × 31.5 | 0.012 | 0.036 | 3795 | |
| | | | | | | | ▲16 × 20 | 0.015 | 0.045 | 3575 | |
| 3300 | 332 | 12.5 × 25 | | 0.015 | 0.045 | 3200 | 12.5 × 35.5 | 0.011 | 0.033 | 4120 | |
| | | ▲16 × 20 | | 0.015 | 0.045 | 3575 | ▲16 × 25 | 0.013 | 0.039 | 3810 | |
| 3900 | 392 | 12.5 × 31.5 | | 0.012 | 0.036 | 3795 | 16 × 25 | 0.013 | 0.039 | 3810 | |
| | | ▲16 × 20 | | 0.015 | 0.045 | 3575 | | | | | |
| 4700 | 472 | 12.5 × 35.5 | | 0.011 | 0.033 | 4120 | 16 × 31.5 | 0.011 | 0.033 | 4000 | |
| | | ▲16 × 25 | | 0.013 | 0.039 | 3810 | | | | | |
| 5600 | 562 | 16 × 25 | | 0.013 | 0.039 | 3810 | 16 × 35.5 | 0.010 | 0.030 | 4200 | |
| 6800 | 682 | 16 × 31.5 | | 0.011 | 0.033 | 4000 | | | | | |
| 8200 | 822 | 16 × 35.5 | | 0.010 | 0.030 | 4200 | | | | | |

UHW

■ Dimensions

| Cap.(μF) | Code | V (Code) | Item | 35 (1V) | | | 50 (1H) | | | | |
|----------|------|----------|------|-----------------------------|--------------------|---------------|--|-----------------------------|--------------------|---------------|--|
| | | | | Case size φD × L (mm) | Impedance (Ω) MAX. | | Rated ripple (mArms) 105°C /100kHz | Case size φD × L (mm) | Impedance (Ω) MAX. | | Rated ripple (mArms) 105°C /100kHz |
| | | | | | 20°C /100kHz | -10°C /100kHz | | | 20°C /100kHz | -10°C /100kHz | |
| 27 | 270 | | | | | | 5 × 11 | 0.47 | 1.50 | 450 | |
| 47 | 470 | | | 5 × 11 | 0.47 | 1.50 | | | | | |
| 56 | 560 | | | | | | 6.3 × 11 | 0.20 | 0.66 | 700 | |
| 100 | 101 | | | 6.3 × 11 | 0.20 | 0.66 | 8 × 11.5 | 0.10 | 0.36 | 1200 | |
| 120 | 121 | | | | | | 8 × 11.5 | 0.10 | 0.36 | 1200 | |
| 150 | 151 | | | | | | 8 × 15 | 0.054 | 0.17 | 1600 | |
| 180 | 181 | | | 8 × 11.5 | 0.10 | 0.36 | 10 × 12.5 | 0.048 | 0.15 | 1700 | |
| 220 | 221 | | | 8 × 15 | 0.054 | 0.17 | ▲10 × 12.5 | 0.048 | 0.15 | 1700 | |
| | | | | | | | 10 × 16 | 0.042 | 0.126 | 1650 | |
| 270 | 271 | | | 8 × 15 | 0.054 | 0.17 | ▲8 × 20 | 0.038 | 0.12 | 1960 | |
| | | | | ▲10 × 12.5 | 0.048 | 0.15 | 1700 | 10 × 20 | 0.030 | 0.090 | 2060 |
| 330 | 331 | | | 10 × 12.5 | 0.048 | 0.15 | 1700 | 10 × 20 | 0.030 | 0.090 | 2060 |
| 390 | 391 | | | ▲8 × 20 | 0.038 | 0.12 | 1960 | 10 × 25 | 0.028 | 0.084 | 2420 |
| | | | | 10 × 16 | 0.030 | 0.090 | 2000 | ▲10 × 20 | 0.030 | 0.090 | 2060 |
| 470 | 471 | | | 10 × 16 | 0.030 | 0.090 | 2000 | 10 × 25 | 0.028 | 0.084 | 2420 |
| | | | | | | | | ▲12.5 × 20 | 0.027 | 0.081 | 2300 |
| 560 | 561 | | | 10 × 20 | 0.020 | 0.060 | 2500 | 12.5 × 20 | 0.027 | 0.081 | 2300 |
| 680 | 681 | | | 10 × 25 | 0.017 | 0.051 | 2900 | 12.5 × 25 | 0.023 | 0.069 | 2800 |
| | | | | ▲10 × 20 | 0.020 | 0.060 | 2500 | | | | |
| 820 | 821 | | | 10 × 25 | 0.017 | 0.051 | 2900 | 12.5 × 25 | 0.023 | 0.069 | 2800 |
| | | | | ▲12.5 × 20 | 0.017 | 0.051 | 2600 | ▲16 × 20 | 0.023 | 0.069 | 3070 |
| 1000 | 102 | | | 12.5 × 20 | 0.017 | 0.051 | 2600 | 12.5 × 31.5 | 0.020 | 0.060 | 3500 |
| | | | | | | | | ▲16 × 25 | 0.021 | 0.063 | 3270 |
| 1200 | 122 | | | 12.5 × 25 | 0.015 | 0.045 | 3200 | 16 × 25 | 0.021 | 0.063 | 3270 |
| 1500 | 152 | | | 16 × 20 | 0.015 | 0.045 | 3575 | 12.5 × 35.5 | 0.019 | 0.057 | 3810 |
| | | | | | | | | ▲16 × 25 | 0.021 | 0.063 | 3270 |
| 1800 | 182 | | | 12.5 × 31.5 | 0.012 | 0.036 | 3795 | 16 × 31.5 | 0.019 | 0.057 | 3430 |
| | | | | ▲16 × 25 | 0.013 | 0.039 | 3810 | | | | |
| 2200 | 222 | | | 12.5 × 35.5 | 0.011 | 0.033 | 4120 | 16 × 31.5 | 0.019 | 0.057 | 3430 |
| | | | | ▲16 × 25 | 0.013 | 0.039 | 3810 | | | | |
| 2700 | 272 | | | | | | 16 × 35.5 | 0.018 | 0.054 | 3600 | |
| 3300 | 332 | | | 16 × 31.5 | 0.011 | 0.033 | 4000 | | | | |
| 3900 | 392 | | | 16 × 35.5 | 0.010 | 0.030 | 4200 | | | | |

▲ : In this case, [6] will be put at 12th digit of type numbering system.

UHW

■ Dimensions

| Cap.(μF) | | V (Code) Item | | 63 (1J) | | | 80 (1K) | | | | |
|----------|-----|------------------|--|-----------------------------|--------------------|---------------|--|-----------------------------|--------------------|---------------|--|
| | | | | Case size φD × L (mm) | Impedance (Ω) MAX. | | Rated ripple (mArms) 105°C /100kHz | Case size φD × L (mm) | Impedance (Ω) MAX. | | Rated ripple (mArms) 105°C /100kHz |
| | | | | | 20°C /100kHz | -10°C /100kHz | | | 20°C /100kHz | -10°C /100kHz | |
| 12 | 120 | | | | | | | | | | |
| 18 | 180 | 5 × 11 | | 1.20 | 5.40 | 310 | 5 × 11 | 1.20 | 5.40 | 310 | |
| 27 | 270 | | | | | | 6.3 × 11 | 0.46 | 2.10 | 500 | |
| 39 | 390 | 6.3 × 11 | | 0.46 | 2.10 | 500 | | | | | |
| 47 | 470 | 6.3 × 11 | | 0.46 | 2.10 | 500 | 8 × 11.5 | 0.29 | 1.30 | 950 | |
| 68 | 680 | 8 × 11.5 | | 0.29 | 1.30 | 950 | 8 × 15 | 0.20 | 0.90 | 1230 | |
| 82 | 820 | 8 × 11.5 | | 0.29 | 1.30 | 950 | 10 × 12.5 | 0.17 | 0.66 | 1280 | |
| 100 | 101 | 8 × 15 | | 0.20 | 0.90 | 1230 | 8 × 20 | 0.16 | 0.66 | 1580 | |
| 120 | 121 | 8 × 15 | | 0.20 | 0.90 | 1230 | 10 × 16 | 0.115 | 0.47 | 1040 | |
| | | ▲10 × 12.5 | | 0.17 | 0.66 | 1280 | | | | | |
| 150 | 151 | 8 × 20 | | 0.16 | 0.66 | 1580 | | | | | |
| | | ▲10 × 12.5 | | 0.17 | 0.66 | 1280 | | | | | |
| 180 | 181 | ▲8 × 20 | | 0.16 | 0.66 | 1580 | 10 × 20 | 0.088 | 0.34 | 1430 | |
| | | 10 × 16 | | 0.115 | 0.47 | 1200 | ▲12.5 × 15 | 0.115 | 0.47 | 1430 | |
| 220 | 221 | | | | | 10 × 25 | 0.072 | 0.28 | 1620 | | |
| 270 | 271 | 10 × 20 | | 0.088 | 0.34 | 1570 | 10 × 31.5 | 0.063 | 0.18 | 1750 | |
| | | | | | | | ▲12.5 × 20 | 0.065 | 0.18 | 1750 | |
| 330 | 331 | 10 × 25 | | 0.072 | 0.28 | 1990 | | | | | |
| 390 | 391 | 10 × 31.5 | | 0.063 | 0.18 | 2050 | 12.5 × 25 | 0.049 | 0.14 | 2210 | |
| | | ▲12.5 × 20 | | 0.065 | 0.18 | 1990 | | | | | |
| 470 | 471 | | | | | | 12.5 × 31.5 | 0.044 | 0.13 | 2400 | |
| | | | | | | | ▲16 × 20 | 0.050 | 0.15 | 1950 | |
| 560 | 561 | 12.5 × 25 | | 0.049 | 0.14 | 2460 | 12.5 × 35.5 | 0.038 | 0.11 | 2600 | |
| | | | | | | | ▲18 × 20 | 0.047 | 0.14 | 2270 | |
| 680 | 681 | 12.5 × 31.5 | | 0.044 | 0.13 | 2760 | 12.5 × 40 | 0.033 | 0.095 | 2860 | |
| | | ▲16 × 20 | | 0.050 | 0.15 | 2380 | ▲16 × 25 | 0.040 | 0.12 | 2430 | |
| 820 | 821 | 12.5 × 35.5 | | 0.038 | 0.11 | 3040 | 16 × 31.5 | 0.033 | 0.095 | 2640 | |
| | | ▲18 × 20 | | 0.047 | 0.14 | 2460 | ▲18 × 25 | 0.038 | 0.11 | 2500 | |
| 1000 | 102 | 12.5 × 40 | | 0.033 | 0.095 | 3100 | 16 × 35.5 | 0.030 | 0.086 | 2860 | |
| | | ▲16 × 25 | | 0.040 | 0.12 | 2890 | | | | | |
| 1200 | 122 | 16 × 31.5 | | 0.025 | 0.072 | 2930 | 16 × 40 | 0.028 | 0.081 | 3510 | |
| | | ▲18 × 25 | | 0.038 | 0.11 | 2930 | ▲18 × 31.5 | 0.031 | 0.090 | 2860 | |
| 1500 | 152 | 16 × 35.5 | | 0.023 | 0.066 | 3100 | 18 × 35.5 | 0.028 | 0.081 | 3510 | |
| | | ▲18 × 31.5 | | 0.024 | 0.069 | 3100 | | | | | |
| 1800 | 182 | 16 × 40 | | 0.021 | 0.060 | 3510 | 18 × 40 | 0.027 | 0.076 | 3860 | |
| | | ▲18 × 35.5 | | 0.022 | 0.063 | 3510 | | | | | |
| 2200 | 222 | 18 × 40 | | 0.020 | 0.057 | 3860 | | | | | |

| Cap.(μF) | | V (Code) Item | | 100 (2A) | | | |
|----------|-----|------------------|--|-----------------------------|--------------------|---------------|--|
| | | | | Case size φD × L (mm) | Impedance (Ω) MAX. | | Rated ripple (mArms) 105°C /100kHz |
| | | | | | 20°C /100kHz | -10°C /100kHz | |
| 8.2 | 8R2 | 5 × 11 | | 1.20 | 5.40 | 310 | |
| 18 | 180 | 6.3 × 11 | | 0.46 | 2.10 | 500 | |
| 33 | 330 | 8 × 11.5 | | 0.29 | 1.30 | 950 | |
| 47 | 470 | 8 × 15 | | 0.20 | 0.90 | 1230 | |
| 56 | 560 | 10 × 12.5 | | 0.17 | 0.66 | 1280 | |
| 68 | 680 | 8 × 20 | | 0.16 | 0.66 | 1580 | |
| 82 | 820 | 10 × 16 | | 0.115 | 0.47 | 1040 | |
| 100 | 101 | 10 × 20 | | 0.088 | 0.34 | 1430 | |
| | | ▲12.5 × 15 | | 0.115 | 0.47 | 1430 | |
| 120 | 121 | 10 × 25 | | 0.072 | 0.28 | 1620 | |
| 180 | 181 | 12.5 × 20 | | 0.065 | 0.18 | 1750 | |
| 220 | 221 | 12.5 × 25 | | 0.049 | 0.14 | 2210 | |
| 270 | 271 | 12.5 × 31.5 | | 0.044 | 0.13 | 2400 | |
| | | ▲16 × 20 | | 0.050 | 0.15 | 1950 | |
| 390 | 391 | 12.5 × 35.5 | | 0.038 | 0.11 | 2600 | |
| | | ▲16 × 25 | | 0.040 | 0.12 | 2430 | |
| 470 | 471 | ●18 × 20 | | 0.047 | 0.14 | 2270 | |
| | | 12.5 × 40 | | 0.033 | 0.095 | 2860 | |
| 560 | 561 | ▲18 × 25 | | 0.038 | 0.11 | 2500 | |
| | | 16 × 31.5 | | 0.033 | 0.095 | 2640 | |
| 680 | 681 | 16 × 35.5 | | 0.030 | 0.086 | 2860 | |
| | | ▲18 × 31.5 | | 0.031 | 0.090 | 2860 | |
| 820 | 821 | 16 × 40 | | 0.028 | 0.081 | 3510 | |
| | | ▲18 × 35.5 | | 0.028 | 0.081 | 3510 | |
| 1000 | 102 | 18 × 40 | | 0.027 | 0.076 | 3860 | |

▲: In this case, [6] will be put at 12th digit of type numbering system.
●: In this case, [3] will be put at 12th digit of type numbering system.



Компания «ЭлектроПласт» предлагает заключение долгосрочных отношений при поставках импортных электронных компонентов на взаимовыгодных условиях!

Наши преимущества:

- Оперативные поставки широкого спектра электронных компонентов отечественного и импортного производства напрямую от производителей и с крупнейших мировых складов;
- Поставка более 17-ти миллионов наименований электронных компонентов;
- Поставка сложных, дефицитных, либо снятых с производства позиций;
- Оперативные сроки поставки под заказ (от 5 рабочих дней);
- Экспресс доставка в любую точку России;
- Техническая поддержка проекта, помощь в подборе аналогов, поставка прототипов;
- Система менеджмента качества сертифицирована по Международному стандарту ISO 9001;
- Лицензия ФСБ на осуществление работ с использованием сведений, составляющих государственную тайну;
- Поставка специализированных компонентов (Xilinx, Altera, Analog Devices, Intersil, Interpoint, Microsemi, Aeroflex, Peregrine, Syfer, Eurofarad, Texas Instrument, Miteq, Cobham, E2V, MA-COM, Hittite, Mini-Circuits, General Dynamics и др.);

Помимо этого, одним из направлений компании «ЭлектроПласт» является направление «Источники питания». Мы предлагаем Вам помощь Конструкторского отдела:

- Подбор оптимального решения, техническое обоснование при выборе компонента;
- Подбор аналогов;
- Консультации по применению компонента;
- Поставка образцов и прототипов;
- Техническая поддержка проекта;
- Защита от снятия компонента с производства.



Как с нами связаться

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