

RXW Series

Features

- 105°C, 4,000 ~ 7,000 hours assured
- Low ESR, suitable for switching power supplies
- Smaller size with large permissible ripple current
- RoHS Compliance



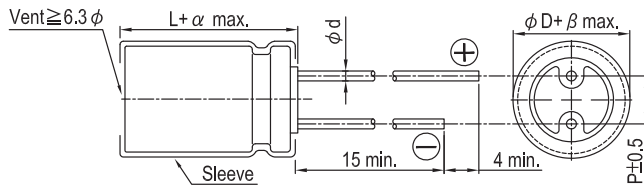
Sleeve & Marking Color: Black & Golden

Specifications

| Items | Performance | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|--|--|------------------------|----------------------|---|--------------------|------------------------------|---------|-----------------------------------|-----------------|------------------------|------|-----------------|---------------------------|------|------|------|------|-----------|------|------|------|-----|-------------|-----|------|------|-----|----------------|-----|------|------|-----|
| Category Temperature Range | 6.3 ~ 63V -55°C ~ +105°C | 100V -40°C ~ +105°C | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Capacitance Tolerance | ± 20 % (at 120Hz, 20°C) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Leakage Current (at 20°C) | I = 0.01CV or 3 (μA) whichever is greater (after 2 minutes) Where, C = rated capacitance in μF, V = rated DC working voltage in V | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Tanδ (at 120 Hz, 20°C) | <table border="1"> <tr> <th>Rated Voltage</th> <td>6.3</td> <td>10</td> <td>16</td> <td>25</td> <td>35</td> <td>50</td> <td>63</td> <td>100</td> </tr> <tr> <th>Tanδ (max)</th> <td>0.22</td> <td>0.19</td> <td>0.16</td> <td>0.14</td> <td>0.12</td> <td>0.10</td> <td>0.09</td> <td>0.08</td> </tr> </table> <p>When the capacitance exceeds 1000μF, 0.02 shall be added every 1000μF increase.</p> | | Rated Voltage | 6.3 | 10 | 16 | 25 | 35 | 50 | 63 | 100 | Tanδ (max) | 0.22 | 0.19 | 0.16 | 0.14 | 0.12 | 0.10 | 0.09 | 0.08 | | | | | | | | | | | | |
| Rated Voltage | 6.3 | 10 | 16 | 25 | 35 | 50 | 63 | 100 | | | | | | | | | | | | | | | | | | | | | | | | |
| Tanδ (max) | 0.22 | 0.19 | 0.16 | 0.14 | 0.12 | 0.10 | 0.09 | 0.08 | | | | | | | | | | | | | | | | | | | | | | | | |
| Low Temperature Characteristics (at 120Hz) | <p>Impedance ratio shall not exceed the values given in the table below.</p> <table border="1"> <tr> <th>Rated Voltage</th> <td>6.3</td> <td>10</td> <td>16</td> <td>25</td> <td>35</td> <td>50</td> <td>63</td> <td>100</td> </tr> <tr> <th>Impedance Ratio</th> <td>Z(-55°C/-40°C) / Z(+20°C)</td> <td>3</td> <td>3</td> <td>3</td> <td>3</td> <td>3</td> <td>3</td> <td>3</td> </tr> </table> | | Rated Voltage | 6.3 | 10 | 16 | 25 | 35 | 50 | 63 | 100 | Impedance Ratio | Z(-55°C/-40°C) / Z(+20°C) | 3 | 3 | 3 | 3 | 3 | 3 | 3 | | | | | | | | | | | | |
| Rated Voltage | 6.3 | 10 | 16 | 25 | 35 | 50 | 63 | 100 | | | | | | | | | | | | | | | | | | | | | | | | |
| Impedance Ratio | Z(-55°C/-40°C) / Z(+20°C) | 3 | 3 | 3 | 3 | 3 | 3 | 3 | | | | | | | | | | | | | | | | | | | | | | | | |
| Endurance | <table border="1"> <tr> <th>Test Time</th> <td>4,000 Hrs for φ D ≤ 6.3 mm; 5,000 Hrs for φ D = 8 mm; 6,000 Hrs for φ D = 10 mm; 7,000 Hrs for φ D ≥ 12.5 mm</td> </tr> <tr> <th>Capacitance Change</th> <td>Within ±25% of initial value</td> </tr> <tr> <th>Tanδ</th> <td>Less than 200% of specified value</td> </tr> <tr> <th>Leakage Current</th> <td>Within specified value</td> </tr> </table> <p>* The above specifications shall be satisfied when the capacitors are restored to 20°C after the rated voltage applied with rated ripple current for 4,000 ~ 7,000 hours at 105°C.</p> | | Test Time | 4,000 Hrs for φ D ≤ 6.3 mm; 5,000 Hrs for φ D = 8 mm; 6,000 Hrs for φ D = 10 mm; 7,000 Hrs for φ D ≥ 12.5 mm | Capacitance Change | Within ±25% of initial value | Tanδ | Less than 200% of specified value | Leakage Current | Within specified value | | | | | | | | | | | | | | | | | | | | | | |
| Test Time | 4,000 Hrs for φ D ≤ 6.3 mm; 5,000 Hrs for φ D = 8 mm; 6,000 Hrs for φ D = 10 mm; 7,000 Hrs for φ D ≥ 12.5 mm | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Capacitance Change | Within ±25% of initial value | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Tanδ | Less than 200% of specified value | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Leakage Current | Within specified value | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Shelf Life Test | <table border="1"> <tr> <th>Test Time</th> <td>1,000 Hrs</td> </tr> <tr> <th>Capacitance Change</th> <td>Within ±25% of initial value</td> </tr> <tr> <th>Tanδ</th> <td>Less than 200% of specified value</td> </tr> <tr> <th>Leakage Current</th> <td>Within specified value</td> </tr> </table> <p>* The above specifications shall be satisfied when the capacitors are restored to 20°C after exposing them for 1,000 hours at 105°C without voltage applied.</p> | | Test Time | 1,000 Hrs | Capacitance Change | Within ±25% of initial value | Tanδ | Less than 200% of specified value | Leakage Current | Within specified value | | | | | | | | | | | | | | | | | | | | | | |
| Test Time | 1,000 Hrs | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Capacitance Change | Within ±25% of initial value | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Tanδ | Less than 200% of specified value | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Leakage Current | Within specified value | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Ripple Current and Frequency Multipliers | <table border="1"> <thead> <tr> <th>Cap.(μF) \ Freq.(Hz)</th> <th>120</th> <th>1k</th> <th>10k</th> <th>100k up</th> </tr> </thead> <tbody> <tr> <td>under ~ 33</td> <td>0.42</td> <td>0.70</td> <td>0.90</td> <td>1.0</td> </tr> <tr> <td>39 ~ 270</td> <td>0.5</td> <td>0.73</td> <td>0.92</td> <td>1.0</td> </tr> <tr> <td>330 ~ 680</td> <td>0.55</td> <td>0.77</td> <td>0.94</td> <td>1.0</td> </tr> <tr> <td>820 ~ 1,800</td> <td>0.6</td> <td>0.80</td> <td>0.96</td> <td>1.0</td> </tr> <tr> <td>2,200 ~ 15,000</td> <td>0.7</td> <td>0.85</td> <td>0.98</td> <td>1.0</td> </tr> </tbody> </table> | | Cap.(μF) \ Freq.(Hz) | 120 | 1k | 10k | 100k up | under ~ 33 | 0.42 | 0.70 | 0.90 | 1.0 | 39 ~ 270 | 0.5 | 0.73 | 0.92 | 1.0 | 330 ~ 680 | 0.55 | 0.77 | 0.94 | 1.0 | 820 ~ 1,800 | 0.6 | 0.80 | 0.96 | 1.0 | 2,200 ~ 15,000 | 0.7 | 0.85 | 0.98 | 1.0 |
| Cap.(μF) \ Freq.(Hz) | 120 | 1k | 10k | 100k up | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| under ~ 33 | 0.42 | 0.70 | 0.90 | 1.0 | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 39 ~ 270 | 0.5 | 0.73 | 0.92 | 1.0 | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 330 ~ 680 | 0.55 | 0.77 | 0.94 | 1.0 | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 820 ~ 1,800 | 0.6 | 0.80 | 0.96 | 1.0 | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 2,200 ~ 15,000 | 0.7 | 0.85 | 0.98 | 1.0 | | | | | | | | | | | | | | | | | | | | | | | | | | | | |

Radial

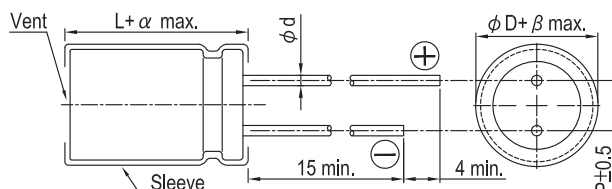
Diagram of Dimensions



Lead Spacing and Diameter Unit: mm

| φ D | 5 | 6.3 | 8 | 10 | 12.5 | 16 | 18 |
|-----|--------------------------|-----|-----|-----|------|-----|-----|
| P | 2.0 | 2.5 | 3.5 | 5.0 | 5.0 | 7.5 | 7.5 |
| φ d | 0.5 | | 0.6 | | 0.8 | | |
| α | L < 20: 1.5, L ≥ 20: 2.0 | | | | | | |
| β | 0.5 | | | | | | |

The case size of 16×20, 18×20 and 18×25 are suitable for below diagram:





Dimension: $\phi D \times L$ (mm)
Ripple Current: mA/rms at 100k Hz, 105°C

Dimension and Permissible Ripple Current

| Rated Volt. V_{DC} Contents Cap. (μF) | 6.3V (0J) | | | | 10V (1A) | | | | 16V (1C) | | | | 25V (1E) | | | |
|---|-------------------|--|----------------|---|--------------------|--|----------------|---|--------------------|--|----------------|---|---------------------------|--|-------------------------|---|
| | $\phi D \times L$ | Impedance (Ω , max./100kHz) | | Ripple Current (mA/rms, 105°C) 100k Hz | $\phi D \times L$ | Impedance (Ω , max./100kHz) | | Ripple Current (mA/rms, 105°C) 100k Hz | $\phi D \times L$ | Impedance (Ω , max./100kHz) | | Ripple Current (mA/rms, 105°C) 100k Hz | $\phi D \times L$ | Impedance (Ω , max./100kHz) | | Ripple Current (mA/rms, 105°C) 100k Hz |
| | | 20°C | -10°C | | | 20°C | -10°C | | | 20°C | -10°C | | | 20°C | -10°C | |
| 4.7 | | | | | | | | | | | | | 5×11 | 0.6 | 1.2 | 180 |
| 10 | | | | | | | | | 5×11 | 0.6 | 1.2 | 180 | 5×11 | 0.6 | 1.2 | 180 |
| 22 | 5×11 | 0.6 | 1.2 | 180 | 5×11 | 0.6 | 1.2 | 180 | 5×11 | 0.6 | 1.2 | 180 | 5×11 | 0.6 | 1.2 | 180 |
| 33 | 5×11 | 0.6 | 1.2 | 180 | 5×11 | 0.6 | 1.2 | 180 | 5×11 | 0.6 | 1.2 | 180 | 5×11 | 0.6 | 1.2 | 180 |
| 39 | | | | | | | | | | | | | 5×11 | 0.6 | 1.2 | 180 |
| 47 | 5×11 | 0.6 | 1.2 | 180 | 5×11 | 0.6 | 1.2 | 180 | 5×11 | 0.6 | 1.2 | 180 | 5×11 | 0.6 | 1.2 | 180 |
| 56 | | | | | | | | | 5×11 | 0.6 | 1.2 | 180 | | | | |
| 82 | | | | | 5×11 | 0.6 | 1.2 | 180 | | | | | 6.3×11 | 0.25 | 0.50 | 290 |
| 100 | 5×11 | 0.6 | 1.2 | 180 | 5×11 | 0.6 | 1.2 | 180 | 6.3×11 | 0.25 | 0.5 | 290 | 6.3×11 | 0.25 | 0.50 | 290 |
| 120 | | | | | | | | | 6.3×11 | 0.25 | 0.5 | 290 | 6.3×15 | 0.23 | 0.46 | 430 |
| 150 | 6.3×11 | 0.25 | 0.5 | 290 | 6.3×11 | 0.25 | 0.5 | 290 | 6.3×11 | 0.25 | 0.5 | 290 | 8×11.5 | 0.117 | 0.234 | 555 |
| 180 | | | | | 6.3×11 | 0.25 | 0.5 | 290 | 6.3×15 | 0.23 | 0.46 | 430 | | | | |
| 220 | 6.3×11 | 0.25 | 0.5 | 290 | 6.3×11 6.3×15 | 0.25 0.23 | 0.5 0.46 | 290 430 | 8×11.5 | 0.117 | 0.234 | 555 | 8×11.5 | 0.117 | 0.234 | 555 |
| 330 | 6.3×11 6.3×15 | 0.25 0.23 | 0.50 0.46 | 290 430 | 8×11.5 | 0.117 | 0.234 | 555 | 8×11.5 | 0.117 | 0.234 | 555 | 8×15 10×12.5 | 0.085 0.090 | 0.17 0.18 | 730 755 |
| 470 | 8×11.5 | 0.117 | 0.234 | 555 | 8×11.5 | 0.117 | 0.234 | 555 | 8×15 10×12.5 | 0.085 0.090 | 0.17 0.18 | 730 755 | 8×20 10×16 10×20 | 0.065 0.068 0.052 | 0.130 0.136 0.104 | 995 1,050 1,220 |
| 560 | 8×11.5 | 0.117 | 0.234 | 555 | | | | | | | | | | | | |
| 680 | 10×12.5 | 0.090 | 0.180 | 755 | 8×15 10×12.5 | 0.085 0.090 | 0.170 0.180 | 730 755 | 8×20 10×16 | 0.065 0.068 | 0.130 0.136 | 995 1,050 | 10×20 | 0.052 | 0.104 | 1,220 |
| 820 | 8×15 10×12.5 | 0.085 0.090 | 0.170 0.180 | 730 755 | | | | | 10×20 | 0.052 | 0.104 | 1,220 | 10×25 | 0.045 | 0.090 | 1,440 |
| 1,000 | 10×12.5 | 0.090 | 0.180 | 755 | 8×20 10×16 | 0.065 0.068 | 0.130 0.136 | 995 1,050 | 10×20 | 0.052 | 0.104 | 1,220 | 10×30 12.5×20 | 0.035 0.038 | 0.070 0.076 | 1,815 1,655 |
| 1,200 | 8×20 10×16 | 0.065 0.068 | 0.130 0.136 | 955 1,050 | 10×20 | 0.052 | 0.104 | 1,220 | 10×25 | 0.045 | 0.090 | 1,440 | | | | |
| 1,500 | 10×20 | 0.052 | 0.104 | 1,220 | 10×20 10×25 | 0.052 0.045 | 0.104 0.090 | 1,220 1,440 | 12.5×20 10×30 | 0.038 0.035 | 0.076 0.070 | 1,655 1,815 | 12.5×25 16×25 | 0.030 0.022 | 0.060 0.044 | 1,945 2,555 |
| 1,800 | | | | | | | | | | | | | 12.5×30 16×20 | 0.025 0.029 | 0.050 0.058 | 2,310 2,205 |
| 2,200 | 10×25 12.5×20 | 0.045 0.038 | 0.090 0.076 | 1,440 1,615 | 10×30 12.5×20 | 0.035 0.038 | 0.070 0.076 | 1,815 1,655 | 12.5×25 | 0.030 | 0.06 | 1,945 | 12.5×35 16×25 18×20 | 0.022 0.022 0.028 | 0.044 0.044 0.056 | 2,510 2,555 2,490 |
| 2,700 | 10×30 | 0.035 | 0.070 | 1,815 | 12.5×25 | 0.030 | 0.060 | 1,945 | 12.5×30 16×20 | 0.025 0.029 | 0.05 0.058 | 2,310 2,205 | 16×25 | 0.022 | 0.044 | 2,555 |
| 3,300 | 12.5×20 | 0.038 | 0.076 | 1,655 | 12.5×25 12.5×30 | 0.030 0.025 | 0.060 0.050 | 1,945 2,310 | 16×25 12.5×35 | 0.022 0.022 | 0.044 0.044 | 2,555 2,510 | 16×31.5 18×25 | 0.018 0.020 | 0.036 0.040 | 3,010 2,740 |
| 3,900 | 12.5×25 | 0.030 | 0.060 | 1,945 | 12.5×35 16×20 | 0.022 0.029 | 0.044 0.058 | 2,510 2,205 | 16×25 18×20 | 0.022 0.028 | 0.044 0.056 | 2,555 2,490 | 16×35.5 18×31.5 | 0.016 0.016 | 0.032 0.032 | 3,150 3,635 |
| 4,700 | 12.5×30 16×25 | 0.025 0.022 | 0.050 0.044 | 2,310 2,555 | 16×25 | 0.022 | 0.044 | 2,555 | 16×31.5 18×25 | 0.018 0.020 | 0.036 0.040 | 3,010 2,740 | 18×35.5 | 0.015 | 0.030 | 3,680 |
| 5,600 | 12.5×35 16×20 | 0.022 0.029 | 0.044 0.058 | 2,510 2,205 | 16×25 18×20 | 0.022 0.028 | 0.044 0.056 | 2,555 2,490 | 16×35.5 18×31.5 | 0.016 0.016 | 0.032 0.032 | 3,150 3,635 | | | | |
| 6,800 | 16×25 18×20 | 0.022 0.028 | 0.044 0.056 | 2,555 2,490 | 16×31.5 18×25 | 0.018 0.020 | 0.036 0.040 | 3,010 2,740 | 18×35.5 | 0.015 | 0.030 | 3,680 | 18×40 | 0.014 | 0.028 | 3,800 |
| 8,200 | 16×31.5 | 0.018 | 0.036 | 3,010 | 16×35.5 18×31.5 | 0.016 0.016 | 0.032 0.032 | 3,150 3,635 | 18×35.5 | 0.015 | 0.030 | 3,680 | | | | |
| 10,000 | 16×31.5 18×25 | 0.016 0.020 | 0.032 0.040 | 3,150 2,740 | 18×35.5 | 0.015 | 0.030 | 3,680 | 18×40 | 0.014 | 0.028 | 3,800 | | | | |
| 12,000 | 18×31.5 | 0.016 | 0.032 | 3,635 | | | | | | | | | | | | |
| 15,000 | 18×35.5 | 0.015 | 0.030 | 3,680 | 18×40 | 0.014 | 0.028 | 3,800 | | | | | | | | |

Radial



Dimension: $\phi D \times L$ (mm)

Ripple Current: mA/rms at 100k Hz, 105°C

Dimension and Permissible Ripple Current

| Rated Volt. V_{DC} | Contents | 35V (1V) | | | 50V (1H) | | | 63V (1J) | | | 100V (2A) | | | | | |
|-------------------------|--------------------|-------------------|--|----------------|--------------------------------------|-------------------|--|----------------|--------------------------------------|-------------------------|--|-------------------------|--------------------------------------|----------------|----------------|----------------|
| | | $\phi D \times L$ | Impedance (Ω , max./100kHz) | | Ripple Current (mA/rms, 105°C) | $\phi D \times L$ | Impedance (Ω , max./100kHz) | | Ripple Current (mA/rms, 105°C) | $\phi D \times L$ | Impedance (Ω , max./100kHz) | | Ripple Current (mA/rms, 105°C) | | | |
| | | | 20°C | -10°C | 100k Hz | | 20°C | -10°C | 100k Hz | | 20°C | -10°C | 100k Hz | 20°C | -10°C | 100k Hz |
| 2.2 | | | | | | | | | | | | | 5×11 | 9.8 | 19.6 | 44 |
| 3.3 | | | | | | | | | | | | | 5×11 | 6.6 | 13.2 | 58 |
| 4.7 | 5×11 | 0.6 | 1.2 | 180 | 5×11 | 2.3 | 4.6 | 90 | 5×11 | 4.7 | 9.4 | 68 | 5×11 | 4.6 | 9.2 | 74 |
| 6.8 | | | | | | | | | 5×11 | 2.5 | 5.0 | 95 | 5×11 | 3.5 | 7.0 | 95 |
| 10 | 5×11 | 0.6 | 1.2 | 180 | 5×11 | 1.4 | 2.8 | 120 | 5×11 | 2.1 | 4.2 | 110 | 6.3×11 | 1.8 | 3.6 | 130 |
| 12 | | | | | | | | | 5×11 | 2.0 | 4.0 | 145 | | | | |
| 15 | | | | | | | | | 6.3×11 | 1.2 | 2.4 | 160 | | | | |
| 18 | | | | | 5×11 | 1.3 | 2.6 | 155 | | | | | 6.3×15 | 0.80 | 1.60 | 200 |
| 22 | 5×11 | 0.6 | 1.2 | 180 | 5×11 | 1.2 | 2.4 | 170 | 6.3×11 | 0.71 | 1.42 | 250 | 8×11.5 | 0.68 | 1.36 | 230 |
| 27 | 5×11 | 0.6 | 1.2 | 180 | | | | | | | | | | | | |
| 33 | 5×11 | 0.6 | 1.2 | 180 | 6.3×11 | 0.43 | 0.86 | 300 | 6.3×11 | 0.71 | 1.42 | 250 | 8×15 10×12.5 | 0.45 0.46 | 0.90 0.92 | 360 320 |
| 39 | | | | | | | | | 6.3×15 | 0.70 | 1.40 | 330 | | | | |
| 47 | 6.3×11 | 0.25 | 0.5 | 290 | 6.3×11 | 0.43 | 0.86 | 300 | 8×11.5 | 0.342 | 0.684 | 405 | 10×16 8×20 | 0.37 0.37 | 0.74 0.74 | 420 420 |
| 56 | 6.3×11 | 0.25 | 0.5 | 290 | 6.3×15 | 0.40 | 0.80 | 360 | | | | | | | | |
| 68 | | | | | | | | | 8×11.5 | 0.342 | 0.684 | 405 | 10×20 | 0.30 | 0.60 | 490 |
| 82 | 6.3×15 | 0.23 | 0.46 | 430 | 8×11.5 | 0.234 | 0.468 | 485 | | | | | 10×25 | 0.25 | 0.50 | 540 |
| 100 | 8×11.5 | 0.117 | 0.234 | 555 | 8×11.5 | 0.234 | 0.468 | 485 | 10×12.5 8×15 | 0.256 0.230 | 0.512 0.460 | 535 535 | 12.5×20 | 0.18 | 0.36 | 580 |
| 120 | | | | | 8×15 10×12.5 | 0.155 0.162 | 0.310 0.324 | 635 615 | 10×16 | 0.194 | 0.388 | 600 | | | | |
| 150 | 8×11.5 | 0.117 | 0.234 | 555 | 10×12.5 | 0.162 | 0.324 | 615 | 10×16 | 0.194 | 0.388 | 660 | 12.5×25 | 0.13 | 0.26 | 710 |
| 180 | | | | | 8×20 10×16 | 0.120 0.119 | 0.240 0.238 | 860 850 | 10×20 12.5×16 | 0.147 0.150 | 0.294 0.300 | 885 1,020 | 12.5×30 16×20 | 0.12 0.13 | 0.24 0.26 | 790 750 |
| 220 | 8×15 10×12.5 | 0.085 0.090 | 0.17 0.18 | 730 755 | 10×16 10×20 | 0.119 0.090 | 0.238 0.180 | 850 1,030 | 10×20 10×25 | 0.147 0.130 | 0.294 0.260 | 885 1,050 | 16×25 18×20 | 0.10 0.11 | 0.20 0.22 | 890 850 |
| 270 | | | | | 10×25 | 0.082 | 0.164 | 1,200 | 16×16 | 0.090 | 0.180 | 1,410 | | | | |
| 330 | 8×20 10×16 | 0.065 0.068 | 0.130 0.136 | 995 1,050 | 10×20 10×30 | 0.090 0.060 | 0.180 0.120 | 1,030 1,610 | 12.5×20 | 0.085 | 0.170 | 1,285 | 16×25 | 0.090 | 0.180 | 1,080 |
| 390 | 10×20 | 0.052 | 0.104 | 1,220 | 12.5×20 | 0.063 | 0.126 | 1,480 | 12.5×25 18×16 | 0.070 0.086 | 0.140 0.172 | 1,720 1,690 | 18×25 | 0.083 | 0.166 | 1,260 |
| 470 | 10×20 | 0.052 | 0.104 | 1,220 | 12.5×20 | 0.060 | 0.120 | 1,500 | 12.5×25 12.5×30 16×20 | 0.070 0.055 0.059 | 0.140 0.110 0.118 | 1,720 2,090 1,765 | 16×31.5 | 0.076 | 0.152 | 1,310 |
| 560 | 10×25 | 0.045 | 0.090 | 1,440 | 12.5×25 | 0.050 | 0.100 | 1,832 | 16×25 | 0.050 | 0.100 | 2,160 | 18×31.5 18×35.5 | 0.068 0.064 | 0.136 0.128 | 1,370 1,410 |
| 680 | 10×30 12.5×20 | 0.035 0.038 | 0.070 0.076 | 1,815 1,655 | 12.5×25 16×20 | 0.050 0.048 | 0.100 0.096 | 1,832 1,835 | 12.5×35 18×20 | 0.047 0.055 | 0.094 0.110 | 2,265 2,290 | | | | |
| 820 | | | | | 12.5×35 18×20 | 0.034 0.042 | 0.068 0.084 | 2,285 2,200 | 16×31.5 18×25 | 0.043 0.043 | 0.086 0.086 | 2,670 2,585 | 18×40 | 0.047 | 0.094 | 1,520 |
| 1,000 | 12.5×25 | 0.030 | 0.060 | 1,945 | 16×25 | 0.034 | 0.068 | 2,235 | 16×31.5 16×35.5 | 0.043 0.036 | 0.086 0.072 | 2,670 2,770 | | | | |
| 1,200 | 12.5×30 16×20 | 0.025 0.029 | 0.050 0.058 | 2,310 2,205 | 16×31.5 18×25 | 0.028 0.029 | 0.056 0.058 | 2,700 2,610 | 18×31.5 | 0.032 | 0.064 | 2,950 | | | | |
| 1,500 | 12.5×35 16×25 | 0.022 0.022 | 0.044 0.044 | 2,510 2,555 | 16×31.5 16×35.5 | 0.028 0.025 | 0.056 0.050 | 2,700 2,790 | 18×35.5 | 0.030 | 0.060 | 3,095 | | | | |
| 1,800 | 16×25 18×20 | 0.022 0.028 | 0.044 0.056 | 2,555 2,490 | 18×31.5 | 0.025 | 0.05 | 3,000 | | | | | | | | |
| 2,200 | 16×31.5 18×25 | 0.018 0.020 | 0.036 0.040 | 3,010 2,740 | 18×35.5 | 0.023 | 0.046 | 3,100 | 18×40 | 0.028 | 0.056 | 3,200 | | | | |
| 2,700 | 16×35.5 18×31.5 | 0.016 0.016 | 0.032 0.032 | 3,150 3,635 | | | | | | | | | | | | |
| 3,300 | 18×35.5 | 0.015 | 0.030 | 3,680 | | | | | | | | | | | | |
| 4,700 | 18×40 | 0.014 | 0.028 | 3,800 | | | | | | | | | | | | |

Radial

Part Numbering System

RXW Series 470 μ F \pm 20% 6.3V Bulk Package Gas Type 8 ϕ ×11.5L Pb-free and PET sleeve

RXW **471** **M** **OJ** **BK** - **0811**

Series Name Capacitance Capacitance Tolerance Rated Voltage Lead Configuration & Package Rubber Type Case Size Lead Wire and Sleeve type

Note: For more details, please refer to "Part Numbering System (Radial Type)" on page 13.

Mouser Electronics

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