



## RXQ Series

### Features

- 105°C, 8,000 ~ 10,000 hours assured
- Suitable for switching power supplies, UPS, Ballast
- Smaller case size current
- RoHS Compliance

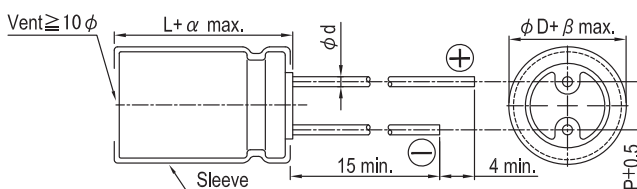


Sleeve & Marking Color: Black & Golden

### Specifications

|                                            |                                                                                                                                                                                                                                                                        |                   |                                                                      |      |                                   |         |      |     |
|--------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------|----------------------------------------------------------------------|------|-----------------------------------|---------|------|-----|
| Items                                      | Performance                                                                                                                                                                                                                                                            |                   |                                                                      |      |                                   |         |      |     |
| Category Temperature Range                 | 160 ~ 400V                                                                                                                                                                                                                                                             |                   |                                                                      |      | 450V                              |         |      |     |
|                                            | -40°C ~ +105°C                                                                                                                                                                                                                                                         |                   |                                                                      |      | -25°C ~ +105°C                    |         |      |     |
| Capacitance Tolerance                      | ±20% (at 120Hz, 20°C)                                                                                                                                                                                                                                                  |                   |                                                                      |      |                                   |         |      |     |
| Leakage Current (at 20°C)                  | Time                                                                                                                                                                                                                                                                   |                   | after 5 minutes                                                      |      |                                   |         |      |     |
|                                            | Leakage Current                                                                                                                                                                                                                                                        |                   | CV ≤ 1,000<br>I = 0.03CV + 15(μA)                                    |      | CV > 1,000<br>I = 0.02CV + 25(μA) |         |      |     |
|                                            |                                                                                                                                                                                                                                                                        |                   | Where, C = rated capacitance in μF V = rated DC working voltage in V |      |                                   |         |      |     |
| Tanδ (at 120Hz, 20°C)                      |                                                                                                                                                                                                                                                                        |                   |                                                                      |      |                                   |         |      |     |
|                                            | Rated Voltage                                                                                                                                                                                                                                                          | 160               | 200                                                                  | 250  | 350                               | 400     | 450  |     |
|                                            | Tanδ (max)                                                                                                                                                                                                                                                             | 0.20              | 0.20                                                                 | 0.20 | 0.24                              | 0.24    | 0.24 |     |
| Low Temperature Characteristics (at 120Hz) | Impedance ratio shall not exceed the values given in the table below.                                                                                                                                                                                                  |                   |                                                                      |      |                                   |         |      |     |
|                                            | Rated Voltage                                                                                                                                                                                                                                                          |                   | 160                                                                  | 200  | 250                               | 350     | 400  | 450 |
|                                            | Impedance Ratio                                                                                                                                                                                                                                                        | Z(-25°C)/Z(+20°C) | 3                                                                    | 3    | 3                                 | 5       | 5    | 6   |
| Z(-40°C)/Z(+20°C)                          |                                                                                                                                                                                                                                                                        | 6                 | 6                                                                    | 6    | 6                                 | 6       | -    |     |
| Endurance                                  | Test Time                                                                                                                                                                                                                                                              |                   | 8,000 Hrs for ϕ D = 10mm;<br>10,000 Hrs for ϕ D ≥ 12.5mm             |      |                                   |         |      |     |
|                                            | Capacitance Change                                                                                                                                                                                                                                                     |                   | Within ±20% of initial value                                         |      |                                   |         |      |     |
|                                            | Tanδ                                                                                                                                                                                                                                                                   |                   | Less than 200% of specified value                                    |      |                                   |         |      |     |
|                                            | Leakage Current                                                                                                                                                                                                                                                        |                   | Within specified value                                               |      |                                   |         |      |     |
|                                            | * The above specifications shall be satisfied when the capacitors are restored to 20°C after the rated voltage applied with rated ripple current for 8,000 / 10,000 hours at 105°C.                                                                                    |                   |                                                                      |      |                                   |         |      |     |
| Shelf Life Test                            | Test Time                                                                                                                                                                                                                                                              |                   | 1,000 Hrs                                                            |      |                                   |         |      |     |
|                                            | Capacitance Change                                                                                                                                                                                                                                                     |                   | Within ±20% of initial value                                         |      |                                   |         |      |     |
|                                            | Tanδ                                                                                                                                                                                                                                                                   |                   | Less than 200% of specified value                                    |      |                                   |         |      |     |
|                                            | Leakage Current                                                                                                                                                                                                                                                        |                   | Within specified value                                               |      |                                   |         |      |     |
|                                            | * 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. The rated voltage shall be applied to the capacitors before the measurements (Refer to JIS C 5101-4 4.1). |                   |                                                                      |      |                                   |         |      |     |
| Ripple Current and Frequency Multipliers   | Frequency (Hz)                                                                                                                                                                                                                                                         |                   | 120                                                                  | 1k   | 10k                               | 100k up |      |     |
|                                            | Cap. (μF)                                                                                                                                                                                                                                                              |                   |                                                                      |      |                                   |         |      |     |
|                                            | 6.8 ~ 82                                                                                                                                                                                                                                                               | 1.00              | 1.75                                                                 | 2.25 | 2.50                              |         |      |     |
|                                            | 100 up                                                                                                                                                                                                                                                                 | 1.00              | 1.67                                                                 | 2.05 | 2.25                              |         |      |     |

### Diagram of Dimensions

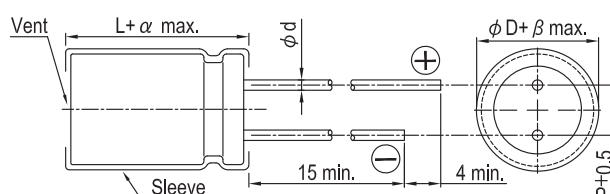


### Lead Spacing and Diameter

Unit: mm

|          |                             |      |     |     |
|----------|-----------------------------|------|-----|-----|
| $\phi D$ | 10                          | 12.5 | 16  | 18  |
| P        | 5.0                         | 5.0  | 7.5 | 7.5 |
| $\phi d$ | 0.6                         |      | 0.8 |     |
| $\alpha$ | L<20: 1.5, L $\geq$ 20: 2.0 |      |     |     |
| $\beta$  | 0.5                         |      |     |     |

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





Dimension and Permissible Ripple Current  
 Dimension:  $\phi D \times L(\text{mm})$   
 Ripple Current: mA/rms at 105°C

| V <sub>DC</sub><br>Contents<br>Cap. (μF) | 160V (2C)         |                |                | 200V (2D)         |                |         | 250V (2E)         |                |         | 350V (2V)         |                |                | 400V (2G)         |                |                |
|------------------------------------------|-------------------|----------------|----------------|-------------------|----------------|---------|-------------------|----------------|---------|-------------------|----------------|----------------|-------------------|----------------|----------------|
|                                          | $\phi D \times L$ | Ripple Current |                | $\phi D \times L$ | Ripple Current |         | $\phi D \times L$ | Ripple Current |         | $\phi D \times L$ | Ripple Current |                | $\phi D \times L$ | Ripple Current |                |
|                                          |                   | 120 Hz         | 100k Hz        |                   | 120 Hz         | 100k Hz |                   | 120 Hz         | 100k Hz |                   | 120 Hz         | 100k Hz        |                   | 120 Hz         | 100k Hz        |
| 6.8                                      |                   |                |                |                   |                |         |                   |                |         | 10×16             | 110            | 275            | 10×16             | 110            | 275            |
| 10                                       | 10×12.5           | 100            | 250            | 10×16             | 125            | 313     | 10×20             | 140            | 350     | 10×20             | 140            | 350            | 10×20             | 140            | 350            |
| 22                                       | 10×16<br>10×20    | 170<br>200     | 425<br>500     | 10×20             | 200            | 500     | 10×20             | 200            | 500     | 12.5×20           | 260            | 650            | 12.5×20           | 260            | 650            |
| 33                                       | 10×20             | 250            | 625            | 10×20             | 260            | 650     | 12.5×20           | 320            | 800     | 16×20             | 360            | 900            | 16×20             | 360            | 900            |
| 47                                       | 10×20             | 300            | 750            | 12.5×20           | 390            | 975     | 12.5×20           | 390            | 975     | 16×20             | 430            | 1,075          | 16×25<br>18×20    | 470<br>450     | 1,175<br>1,125 |
| 68                                       | 12.5×20           | 470            | 1,175          | 12.5×20           | 470            | 1,175   | 16×20             | 520            | 1,300   | 16×25<br>18×20    | 560<br>550     | 1,400<br>1,375 | 18×25             | 585            | 1,463          |
| 82                                       | 12.5×20           | 510            | 1,275          | 16×20             | 550            | 1,375   | 16×20             | 550            | 1,375   | 18×25             | 610            | 1,525          | 18×25             | 610            | 1,525          |
| 100                                      | 12.5×25<br>16×20  | 620<br>630     | 1,395<br>1,418 | 16×20             | 630            | 1,418   | 16×25             | 680            | 1,530   | 18×25             | 700            | 1,575          | 18×31.5           | 765            | 1,721          |
| 120                                      |                   |                |                |                   |                |         |                   |                |         | 18×31.5           | 830            | 1,868          | 18×35.5           | 865            | 1,946          |
| 150                                      | 16×25             | 770            | 1,733          | 16×25             | 840            | 1,890   | 18×25             | 860            | 1,935   | 18×35.5           | 960            | 2,160          | 18×40             | 985            | 2,216          |
| 220                                      | 16×31.5           | 1,020          | 2,295          | 18×25             | 1,050          | 2,363   | 18×31.5           | 1,130          | 2,543   |                   |                |                |                   |                |                |
| 330                                      | 18×35.5           | 1,390          | 3,128          | 18×35.5           | 1,430          | 3,218   |                   |                |         |                   |                |                |                   |                |                |

| V <sub>DC</sub><br>Contents<br>Cap. (μF) | 450V (2W)         |                |            |
|------------------------------------------|-------------------|----------------|------------|
|                                          | $\phi D \times L$ | Ripple Current |            |
|                                          |                   | 120 Hz         | 100k Hz    |
| 6.8                                      | 10×20             | 110            | 275        |
| 10                                       | 12.5×20           | 180            | 450        |
| 22                                       | 16×20             | 290            | 725        |
| 33                                       | 16×25<br>18×20    | 390<br>380     | 975<br>950 |
| 47                                       | 18×25             | 480            | 1,200      |
| 68                                       | 18×31.5           | 630            | 1,575      |
| 82                                       | 18×35.5           | 715            | 1,788      |
| 100                                      | 18×40             | 800            | 1,800      |

## Part Numbering System

RXQ Series    10μF    ±20%    450V    Bulk Package    Gas Type    12.5  $\phi$  × 20L    Pb-free and PET sleeve

**RXQ**    **100**    **M**    **2W**    **BK**    -    **1320**

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

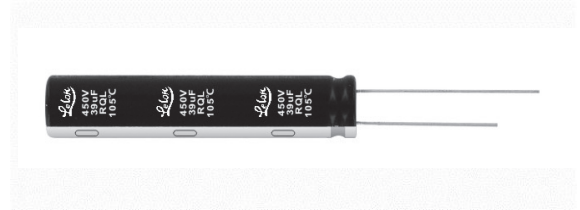
Note: For more details, please refer to "Part Numbering System (Radial Type)" on page 13.



## RQL Series

### Features

- 105°C, 10,000 hours assured
- 10  $\phi$  ~ 18  $\phi$  with large permissible ripple current
- Slim type included
- RoHS Compliance

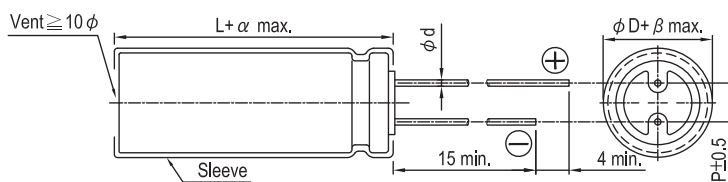


Sleeve & Marking Color: Black & Golden

### Specifications

|                                            |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |                     |              |      |        |                |                 |     |     |     |                    |                              |            |      |      |                     |                                   |   |   |  |                 |                        |  |  |  |
|--------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------|--------------|------|--------|----------------|-----------------|-----|-----|-----|--------------------|------------------------------|------------|------|------|---------------------|-----------------------------------|---|---|--|-----------------|------------------------|--|--|--|
| Items                                      | Performance                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |                     |              |      |        |                |                 |     |     |     |                    |                              |            |      |      |                     |                                   |   |   |  |                 |                        |  |  |  |
| Category Temperature Range                 | 400V                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |                     | 420 ~ 450V   |      |        |                |                 |     |     |     |                    |                              |            |      |      |                     |                                   |   |   |  |                 |                        |  |  |  |
|                                            | -40℃ ~ +105℃                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |                     | -25℃ ~ +105℃ |      |        |                |                 |     |     |     |                    |                              |            |      |      |                     |                                   |   |   |  |                 |                        |  |  |  |
| Capacitance Tolerance                      | ±20%<br>(at 120Hz, 20℃)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |                     |              |      |        |                |                 |     |     |     |                    |                              |            |      |      |                     |                                   |   |   |  |                 |                        |  |  |  |
| Leakage Current (at 20℃)                   | <table><tr><td>Time</td><td colspan="4">after 5 minutes</td></tr><tr><td rowspan="2">Leakage Current</td><td>CV ≤ 1,000</td><td colspan="3">CV &gt; 1,000</td></tr><tr><td>I = 0.03CV + 15(μA)</td><td colspan="3">I = 0.02CV + 25(μA)</td></tr></table><br>Where, C = rated capacitance in μF    V = rated DC working voltage in V                                                                                                                                                                                                                                                             |                     |              |      |        | Time           | after 5 minutes |     |     |     | Leakage Current    | CV ≤ 1,000                   | CV > 1,000 |      |      | I = 0.03CV + 15(μA) | I = 0.02CV + 25(μA)               |   |   |  |                 |                        |  |  |  |
| Time                                       | after 5 minutes                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |                     |              |      |        |                |                 |     |     |     |                    |                              |            |      |      |                     |                                   |   |   |  |                 |                        |  |  |  |
| Leakage Current                            | CV ≤ 1,000                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | CV > 1,000          |              |      |        |                |                 |     |     |     |                    |                              |            |      |      |                     |                                   |   |   |  |                 |                        |  |  |  |
|                                            | I = 0.03CV + 15(μA)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | I = 0.02CV + 25(μA) |              |      |        |                |                 |     |     |     |                    |                              |            |      |      |                     |                                   |   |   |  |                 |                        |  |  |  |
| Tanδ (at 120Hz, 20℃)                       | <table><tr><td>Rated Voltage</td><td>400</td><td>420</td><td colspan="2">450</td></tr><tr><td>Tanδ (max)</td><td>0.24</td><td>0.24</td><td colspan="2">0.24</td></tr></table>                                                                                                                                                                                                                                                                                                                                                                                                                   |                     |              |      |        | Rated Voltage  | 400             | 420 | 450 |     | Tanδ (max)         | 0.24                         | 0.24       | 0.24 |      |                     |                                   |   |   |  |                 |                        |  |  |  |
| Rated Voltage                              | 400                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | 420                 | 450          |      |        |                |                 |     |     |     |                    |                              |            |      |      |                     |                                   |   |   |  |                 |                        |  |  |  |
| Tanδ (max)                                 | 0.24                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | 0.24                | 0.24         |      |        |                |                 |     |     |     |                    |                              |            |      |      |                     |                                   |   |   |  |                 |                        |  |  |  |
| Low Temperature Characteristics (at 120Hz) | Impedance ratio shall not exceed the values given in the table below.<br><table><tr><td colspan="2">Rated Voltage</td><td>400</td><td>420</td><td>450</td></tr><tr><td rowspan="2">Impedance Ratio</td><td>Z(-25℃)/Z(+20℃)</td><td>5</td><td>6</td><td>6</td></tr><tr><td>Z(-40℃)/Z(+20℃)</td><td>6</td><td>-</td><td>-</td></tr></table>                                                                                                                                                                                                                                                       |                     |              |      |        | Rated Voltage  |                 | 400 | 420 | 450 | Impedance Ratio    | Z(-25℃)/Z(+20℃)              | 5          | 6    | 6    | Z(-40℃)/Z(+20℃)     | 6                                 | - | - |  |                 |                        |  |  |  |
| Rated Voltage                              |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | 400                 | 420          | 450  |        |                |                 |     |     |     |                    |                              |            |      |      |                     |                                   |   |   |  |                 |                        |  |  |  |
| Impedance Ratio                            | Z(-25℃)/Z(+20℃)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | 5                   | 6            | 6    |        |                |                 |     |     |     |                    |                              |            |      |      |                     |                                   |   |   |  |                 |                        |  |  |  |
|                                            | Z(-40℃)/Z(+20℃)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | 6                   | -            | -    |        |                |                 |     |     |     |                    |                              |            |      |      |                     |                                   |   |   |  |                 |                        |  |  |  |
| Endurance                                  | <table><tr><td>Test Time</td><td colspan="4">10,000 Hrs</td></tr><tr><td>Capacitance Change</td><td colspan="4">Within ±20% of initial value</td></tr><tr><td>Tanδ</td><td colspan="4">Less than 200% of specified value</td></tr><tr><td>Leakage Current</td><td colspan="4">Within specified value</td></tr></table><br>* The above specifications shall be satisfied when the capacitors are restored to 20℃ after the rated voltage applied with rated ripple current for 10,000 hours at 105℃.                                                                                             |                     |              |      |        | Test Time      | 10,000 Hrs      |     |     |     | Capacitance Change | Within ±20% of initial value |            |      |      | Tanδ                | Less than 200% of specified value |   |   |  | Leakage Current | Within specified value |  |  |  |
| Test Time                                  | 10,000 Hrs                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |                     |              |      |        |                |                 |     |     |     |                    |                              |            |      |      |                     |                                   |   |   |  |                 |                        |  |  |  |
| Capacitance Change                         | Within ±20% of initial value                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |                     |              |      |        |                |                 |     |     |     |                    |                              |            |      |      |                     |                                   |   |   |  |                 |                        |  |  |  |
| Tanδ                                       | Less than 200% of specified value                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |                     |              |      |        |                |                 |     |     |     |                    |                              |            |      |      |                     |                                   |   |   |  |                 |                        |  |  |  |
| Leakage Current                            | Within specified value                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |                     |              |      |        |                |                 |     |     |     |                    |                              |            |      |      |                     |                                   |   |   |  |                 |                        |  |  |  |
| Shelf Life Test                            | <table><tr><td>Test Time</td><td colspan="4">1,000 Hrs</td></tr><tr><td>Capacitance Change</td><td colspan="4">Within ±20% of initial value</td></tr><tr><td>Tanδ</td><td colspan="4">Less than 200% of specified value</td></tr><tr><td>Leakage Current</td><td colspan="4">Within specified value</td></tr></table><br>* The above specifications shall be satisfied when the capacitors are restored to 20° C after exposing them for 1,000 hours at 105℃ without voltage applied. The rated voltage shall be applied to the capacitors before the measurements (Refer to JIS C 5101-4 4.1). |                     |              |      |        | Test Time      | 1,000 Hrs       |     |     |     | Capacitance Change | Within ±20% of initial value |            |      |      | Tanδ                | Less than 200% of specified value |   |   |  | Leakage Current | Within specified value |  |  |  |
| Test Time                                  | 1,000 Hrs                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |                     |              |      |        |                |                 |     |     |     |                    |                              |            |      |      |                     |                                   |   |   |  |                 |                        |  |  |  |
| Capacitance Change                         | Within ±20% of initial value                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |                     |              |      |        |                |                 |     |     |     |                    |                              |            |      |      |                     |                                   |   |   |  |                 |                        |  |  |  |
| Tanδ                                       | Less than 200% of specified value                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |                     |              |      |        |                |                 |     |     |     |                    |                              |            |      |      |                     |                                   |   |   |  |                 |                        |  |  |  |
| Leakage Current                            | Within specified value                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |                     |              |      |        |                |                 |     |     |     |                    |                              |            |      |      |                     |                                   |   |   |  |                 |                        |  |  |  |
| Ripple Current and Frequency Multipliers   | <table><tr><td>Frequency (Hz)</td><td>60</td><td>120</td><td>500</td><td>1k</td><td>10k up</td></tr><tr><td>Multipliers</td><td>0.80</td><td>1.00</td><td>1.25</td><td>1.40</td><td>1.50</td></tr></table>                                                                                                                                                                                                                                                                                                                                                                                      |                     |              |      |        | Frequency (Hz) | 60              | 120 | 500 | 1k  | 10k up             | Multipliers                  | 0.80       | 1.00 | 1.25 | 1.40                | 1.50                              |   |   |  |                 |                        |  |  |  |
| Frequency (Hz)                             | 60                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | 120                 | 500          | 1k   | 10k up |                |                 |     |     |     |                    |                              |            |      |      |                     |                                   |   |   |  |                 |                        |  |  |  |
| Multipliers                                | 0.80                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | 1.00                | 1.25         | 1.40 | 1.50   |                |                 |     |     |     |                    |                              |            |      |      |                     |                                   |   |   |  |                 |                        |  |  |  |

### Diagram of Dimensions



### Lead Spacing and Diameter

|          |     |      |     |     |
|----------|-----|------|-----|-----|
| $\phi D$ | 10  | 12.5 | 16  | 18  |
| P        | 5.0 | 5.0  | 7.5 | 7.5 |
| $\phi d$ | 0.6 |      | 0.8 |     |
| $\alpha$ | 2.0 |      |     |     |
| $\beta$  | 0.5 |      |     |     |

Unit: mm

Dimension:  $\phi D \times L(\text{mm})$ 

Ripple Current: mA/rms at 105°C

## Dimension and Permissible Ripple Current

| Rated Voltage<br>$V_{DC}$ | Cap.<br>( $\mu\text{F}$ ) | 10 $\phi$         |                |         |                   | 12.5 $\phi$    |         |                   |                | 16 $\phi$      |                   |                |                | 18 $\phi$         |                |         |  |
|---------------------------|---------------------------|-------------------|----------------|---------|-------------------|----------------|---------|-------------------|----------------|----------------|-------------------|----------------|----------------|-------------------|----------------|---------|--|
|                           |                           | $\phi D \times L$ | Ripple Current |         | $\phi D \times L$ | Ripple Current |         | $\phi D \times L$ | Ripple Current |                | $\phi D \times L$ | Ripple Current |                | $\phi D \times L$ | Ripple Current |         |  |
|                           |                           |                   | 120 Hz         | 100k Hz |                   | 120 Hz         | 100k Hz |                   | 120 Hz         | 100k Hz        |                   | 120 Hz         | 100k Hz        |                   | 120 Hz         | 100k Hz |  |
| 400V<br>(2G)              | 33                        | 10×40             | 315            | 475     |                   |                |         |                   |                |                |                   |                |                |                   |                |         |  |
|                           | 39                        | 10×45             | 360            | 545     |                   |                |         |                   |                |                |                   |                |                |                   |                |         |  |
|                           | 47                        | 10×50             | 420            | 630     | 12.5×30           | 440            | 660     |                   |                |                |                   |                |                |                   |                |         |  |
|                           | 56                        |                   |                |         | 12.5×35           | 500            | 750     |                   |                |                |                   |                |                |                   |                |         |  |
|                           | 68                        |                   |                |         | 12.5×40           | 580            | 870     | 16×31.5           | 530            | 795            |                   |                |                |                   |                |         |  |
|                           | 82                        |                   |                |         | 12.5×50           | 625            | 935     | 16×35.5           | 615            | 920            |                   |                |                |                   |                |         |  |
|                           | 100                       |                   |                |         |                   |                |         | 16×40             | 715            | 1,070          |                   |                |                |                   |                |         |  |
|                           | 120                       |                   |                |         |                   |                |         | 16×40<br>16×45    | 800<br>840     | 1,200<br>1,260 | 18×35.5<br>18×40  | 790<br>870     | 1,185<br>1,305 |                   |                |         |  |
|                           | 150                       |                   |                |         |                   |                |         | 16×50             | 990            | 1,485          | 18×45             | 985            | 1,475          |                   |                |         |  |
| 420V<br>(2P)              | 33                        | 10×40             | 370            | 555     |                   |                |         |                   |                |                |                   |                |                | 18×50             | 1,120          | 1,685   |  |
|                           | 39                        | 10×45             | 410            | 615     | 12.5×30           | 390            | 585     |                   |                |                |                   |                |                |                   |                |         |  |
|                           | 47                        | 10×50             | 465            | 700     | 12.5×35           | 450            | 675     |                   |                |                |                   |                |                |                   |                |         |  |
|                           | 56                        |                   |                |         | 12.5×40           | 520            | 780     | 16×31.5           | 500            | 750            |                   |                |                |                   |                |         |  |
|                           | 68                        |                   |                |         | 12.5×45           | 580            | 870     | 16×35.5           | 580            | 870            |                   |                |                |                   |                |         |  |
|                           | 82                        |                   |                |         | 12.5×50           | 660            | 990     | 16×35.5<br>16×40  | 730<br>675     | 1,095<br>1,010 |                   |                |                |                   |                |         |  |
|                           | 100                       |                   |                |         |                   |                |         | 16×40<br>16×45    | 750<br>755     | 1,125<br>1,130 | 18×35.5           | 725            | 1,085          |                   |                |         |  |
|                           | 120                       |                   |                |         |                   |                |         | 16×50             | 865            | 1,300          | 18×40<br>18×45    | 835<br>880     | 1,250<br>1,320 |                   |                |         |  |
|                           | 150                       |                   |                |         |                   |                |         |                   |                |                | 18×50             | 1,030          | 1,550          |                   |                |         |  |
| 450V<br>(2W)              | 33                        | 10×45             | 330            | 495     | 12.5×30           | 370            | 555     |                   |                |                |                   |                |                |                   |                |         |  |
|                           | 39                        | 10×50             | 380            | 570     | 12.5×35           | 420            | 630     |                   |                |                |                   |                |                |                   |                |         |  |
|                           | 47                        |                   |                |         | 12.5×40           | 480            | 720     |                   |                |                |                   |                |                |                   |                |         |  |
|                           | 53                        |                   |                |         | 12.5×45           | 500            | 750     |                   |                |                |                   |                |                |                   |                |         |  |
|                           | 56                        |                   |                |         | 12.5×45           | 530            | 795     | 16×31.5           | 510            | 765            |                   |                |                |                   |                |         |  |
|                           | 68                        |                   |                |         | 12.5×50           | 620            | 930     | 16×35.5           | 590            | 885            |                   |                |                |                   |                |         |  |
|                           | 82                        |                   |                |         |                   |                |         | 16×40             | 615            | 920            | 18×35.5           | 645            | 965            |                   |                |         |  |
|                           | 100                       |                   |                |         |                   |                |         | 16×45             | 715            | 1,070          | 18×40             | 750            | 1,125          |                   |                |         |  |
|                           | 120                       |                   |                |         |                   |                |         | 16×50             | 820            | 1,230          | 18×45             | 835            | 1,250          |                   |                |         |  |
|                           | 150                       |                   |                |         |                   |                |         |                   |                |                | 18×50             | 975            | 1,465          |                   |                |         |  |

Remark: Other sizes and specification are available, please contact us for detail.

## Part Numbering System

|             |                  |                       |               |                              |             |                 |                           |
|-------------|------------------|-----------------------|---------------|------------------------------|-------------|-----------------|---------------------------|
| RQL Series  | 39 $\mu\text{F}$ | $\pm 20\%$            | 450V          | Bulk Package                 | Gas Type    | 10 $\phi$ × 50L | Pb-free and PET sleeve    |
| <b>RQL</b>  | <b>390</b>       | <b>M</b>              | <b>2W</b>     | <b>BK</b>                    | <b>-</b>    | <b>1050</b>     |                           |
| 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.



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

**Телефон:** 8 (812) 309 58 32 (многоканальный)

**Факс:** 8 (812) 320-02-42

**Электронная почта:** [org@eplast1.ru](mailto:org@eplast1.ru)

**Адрес:** 198099, г. Санкт-Петербург, ул. Калинина, дом 2, корпус 4, литера А.