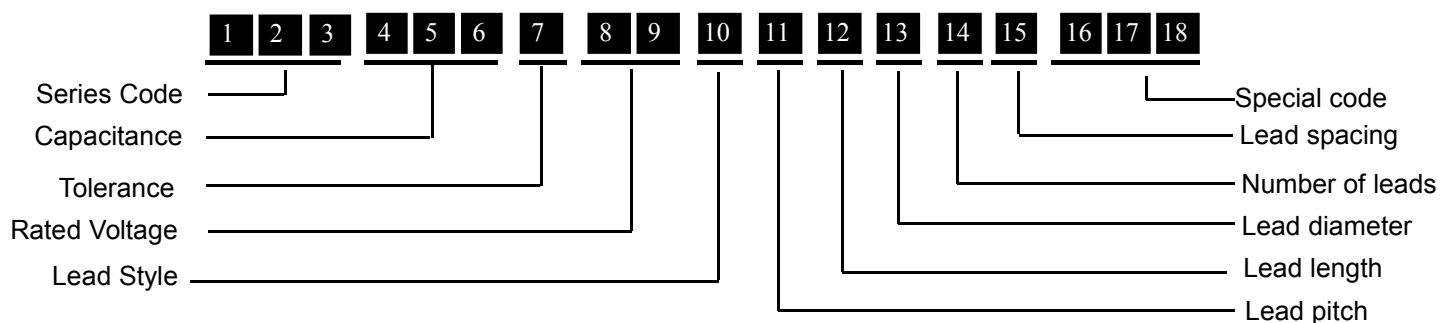


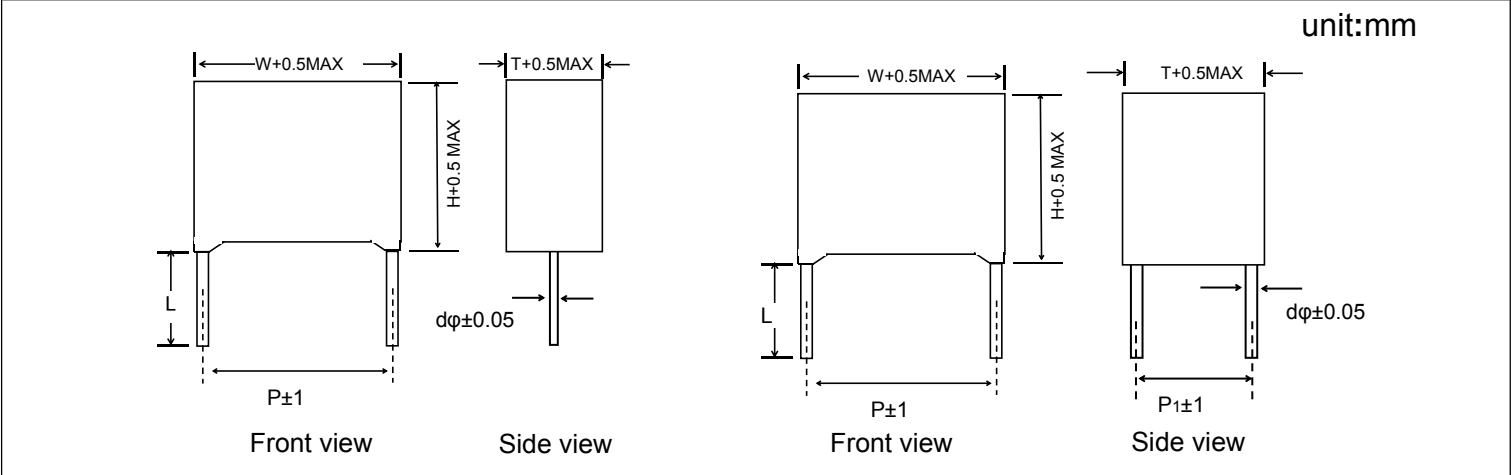
# Type : DLW Specification

# Part Numbering System



|             |                                                                                                                                                                                           |             |               |      |                      |      |      |             |      |      |      |      |      |             |  |
|-------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------|---------------|------|----------------------|------|------|-------------|------|------|------|------|------|-------------|--|
| Digit 1~3   | Type                                                                                                                                                                                      |             |               | SNW  |                      |      | DLW  |             |      | FOP  |      |      |      |             |  |
| Digit 4~6   | Digit 4~5 indicate the first two figures of the capacitance value and the 6th digit indicate the number of zero added to obtain the rated capacitance in pF.<br>EX.102=1000pF=1nF=0.001μF |             |               |      |                      |      |      |             |      |      |      |      |      |             |  |
| Digit 7     | Code                                                                                                                                                                                      |             | F             |      | G                    |      | H    |             | J    |      | K    |      | M    |             |  |
|             | Tolerance                                                                                                                                                                                 |             | ±1%           |      | ±2%                  |      | ±3%  |             | ±5%  |      | ±10% |      | ±20% |             |  |
| Digit 8~9   |                                                                                                                                                                                           | A           | B             | C    | D                    | E    | F    | G           | H    | J    | K    | L    | M    | N           |  |
|             | 1                                                                                                                                                                                         |             |               |      | 20                   |      |      |             | 50   | 63   | 180  |      | 1100 | 15          |  |
|             | 2                                                                                                                                                                                         | 100         | 125           | 160  | 200                  | 250  | 315  | 400         | 500  | 630  | 800  | 120  | 1300 | 150         |  |
|             | 3                                                                                                                                                                                         | 1000        | 1250          | 1600 | 2000                 | 2500 | 3150 | 4000        | 5000 | 6300 | 8000 | 1200 | 1400 | 1500        |  |
|             |                                                                                                                                                                                           | P           | Q             | R    | S                    | T    | U    | V           | W    | X    | Y    |      |      |             |  |
|             | 1                                                                                                                                                                                         | 240         | 300           | 330  | 440                  | 540  | 600  | 700         | 850  | 900  |      |      |      |             |  |
|             | 2                                                                                                                                                                                         | 275         | 305           | 350  | 450                  | 520  |      | 760         | 1800 | 875  |      |      |      |             |  |
|             | 3                                                                                                                                                                                         | 280         | 310           | 425  | 480                  |      |      |             |      |      | 3000 |      |      |             |  |
|             | Letter and then number indicate AC,but number and then Letter indicate DC.<br>EX.2A=100VDC    A2=100VAC                                                                                   |             |               |      |                      |      |      |             |      |      |      |      |      |             |  |
| Digit 10    | Code                                                                                                                                                                                      |             | A             |      | X                    |      |      |             |      |      |      |      |      |             |  |
|             | Lead style                                                                                                                                                                                |             | Straight lead |      | straight lead Cutted |      |      |             |      |      |      |      |      |             |  |
| Digit 11    | Code                                                                                                                                                                                      |             |               | 2    |                      | 3    |      | 5           |      | P    |      | J    |      |             |  |
|             | Pi                                                                                                                                                                                        |             |               | 27.5 |                      | 37.5 |      | 52.5        |      | 32.5 |      | 22.5 |      |             |  |
| Digit 12    | Code                                                                                                                                                                                      |             |               | 3    |                      | 4    |      | 1           |      | V    |      |      |      |             |  |
|             | Length(mm)                                                                                                                                                                                |             |               | 3.5  |                      | 4.0  |      | 6.0         |      | 3.2  |      |      |      |             |  |
| Digit 13    | Code                                                                                                                                                                                      |             |               | A    |                      | B    |      | C           |      |      |      |      |      |             |  |
|             | Diameter(mm)                                                                                                                                                                              |             |               | 0.8  |                      | 1.0  |      | 1.2         |      |      |      |      |      |             |  |
| Digit 14    | Code                                                                                                                                                                                      |             |               | 2    |                      | 4    |      |             |      |      |      |      |      |             |  |
|             | Pins                                                                                                                                                                                      |             |               | 2    |                      | 4    |      |             |      |      |      |      |      |             |  |
| Digit 15    | Code                                                                                                                                                                                      |             |               | A    |                      | J    |      | K           |      | M    |      | B    |      |             |  |
|             | Lead spacing(P1)                                                                                                                                                                          |             |               | 0    |                      | 5.1  |      | 10.2        |      | 20.3 |      | 12.7 |      |             |  |
| Digit 16~18 | Code                                                                                                                                                                                      | Explanation |               |      |                      | Code |      | Explanation |      |      |      | Code |      | Explanation |  |
|             |                                                                                                                                                                                           |             |               |      |                      |      |      |             |      |      |      |      |      |             |  |
|             |                                                                                                                                                                                           |             |               |      |                      |      |      |             |      |      |      |      |      |             |  |

|            |               |           |
|------------|---------------|-----------|
| Type : DLW | Specification | Dimension |
|------------|---------------|-----------|



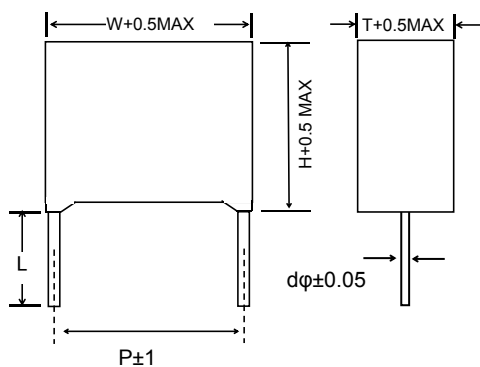
| CAP.<br>( $\mu$ F) | VR (70<br>℃)<br>(VDC) | TOL.<br>±% | Dimensions(mm) |      |      |      |      |             | dv/dt<br>(v/μs) | Ipeak<br>(A) | 1KHzDF<br>(%) | 10KHz           |             |           | SCC<br>P/N         |
|--------------------|-----------------------|------------|----------------|------|------|------|------|-------------|-----------------|--------------|---------------|-----------------|-------------|-----------|--------------------|
|                    |                       |            | W              | H    | T    | P    | P1   | dφ<br>±0.05 |                 |              |               | Irms(A)<br>@70℃ | ESR<br>(mΩ) | DF<br>(%) |                    |
| 2.0                | 500                   | 10         | 32.0           | 18.0 | 9.0  | 27.5 | -    | 0.8         | 75              | 150          | 0.17          | 3.0             | 40.0        | 1.20      | DLW205K2HX2*A2A000 |
| 2.5                | 500                   | 10         | 32.0           | 20.0 | 11.0 | 27.5 | -    | 0.8         | 75              | 187          | 0.17          | 3.5             | 34.6        | 1.20      | DLW255K2HX2*A2A000 |
| 3.0                | 500                   | 10         | 32.0           | 20.0 | 11.0 | 27.5 | -    | 0.8         | 75              | 225          | 0.17          | 4.0             | 27.6        | 1.20      | DLW305K2HX2*A2A000 |
| 4.0                | 500                   | 10         | 32.0           | 22.0 | 13.0 | 27.5 | -    | 0.8         | 75              | 300          | 0.17          | 4.0             | 24.6        | 1.20      | DLW405K2HX2*A2A000 |
| 5.0                | 500                   | 10         | 32.0           | 22.0 | 13.0 | 27.5 | -    | 0.8         | 75              | 375          | 0.17          | 5.0             | 19.8        | 1.20      | DLW505K2HX2*A2A000 |
| 6.0                | 500                   | 10         | 32.0           | 25.0 | 14.0 | 27.5 | -    | 0.8         | 75              | 450          | 0.17          | 6.0             | 16.2        | 1.20      | DLW605K2HX2*A2A000 |
| 7.0                | 500                   | 10         | 32.0           | 25.0 | 14.0 | 27.5 | -    | 0.8         | 75              | 525          | 0.17          | 6.5             | 13.8        | 1.20      | DLW705K2HX2*A2A000 |
| 8.0                | 500                   | 10         | 32.0           | 26.0 | 18.0 | 27.5 | -    | 0.8         | 75              | 600          | 0.17          | 8.5             | 10.2        | 1.20      | DLW805K2HX2*A2A000 |
| 9.0                | 500                   | 10         | 32.0           | 26.0 | 18.0 | 27.5 | -    | 0.8         | 75              | 675          | 0.17          | 8.5             | 10.8        | 1.20      | DLW905K2HX2*A2A000 |
| 10.0               | 500                   | 10         | 32.0           | 26.0 | 18.0 | 27.5 | -    | 0.8         | 75              | 750          | 0.17          | 9.0             | 9.6         | 1.20      | DLW106K2HX2*A2A000 |
| 12.0               | 500                   | 10         | 32.0           | 30.5 | 20.0 | 27.5 | -    | 0.8         | 75              | 900          | 0.17          | 10.0            | 8.4         | 1.20      | DLW126K2HX2*A2A000 |
| 12.0               | 500                   | 10         | 32.0           | 30.5 | 20.0 | 27.5 | 10.2 | 0.8         | 75              | 900          | 0.17          | 10.5            | 7.8         | 1.20      | DLW126K2HX2*A4K000 |
| 15.0               | 500                   | 10         | 32.0           | 35.0 | 21.0 | 27.5 | -    | 0.8         | 75              | 1125         | 0.17          | 11.5            | 7.2         | 1.20      | DLW156K2HX2*A2A000 |
| 15.0               | 500                   | 10         | 32.0           | 35.0 | 21.0 | 27.5 | 10.2 | 0.8         | 75              | 1125         | 0.17          | 11.0            | 6.6         | 1.20      | DLW156K2HX2*A4K000 |
| 10.0               | 500                   | 10         | 42.5           | 26.0 | 14.5 | 37.5 | -    | 1.0         | 40              | 400          | 0.25          | 7.5             | 16.2        | 2.00      | DLW106K2HX3*B2A000 |
| 12.0               | 500                   | 10         | 42.5           | 28.5 | 16.0 | 37.5 | -    | 1.0         | 40              | 480          | 0.25          | 8.0             | 13.8        | 2.00      | DLW126K2HX3*B2A000 |
| 15.0               | 500                   | 10         | 42.5           | 31.5 | 18.5 | 37.5 | -    | 1.0         | 40              | 600          | 0.25          | 9.0             | 10.8        | 2.00      | DLW156K2HX3*B2A000 |
| 16.0               | 500                   | 10         | 42.5           | 31.5 | 18.5 | 37.5 | -    | 1.0         | 40              | 640          | 0.25          | 9.0             | 10.0        | 2.00      | DLW166K2HX3*B2A000 |
| 20.0               | 500                   | 10         | 42.5           | 36.0 | 19.0 | 37.5 | -    | 1.0         | 40              | 800          | 0.25          | 11.0            | 9.6         | 2.00      | DLW206K2HX3*B2A000 |
| 22.0               | 500                   | 10         | 42.5           | 37.0 | 22.0 | 37.5 | -    | 1.0         | 40              | 880          | 0.25          | 11.0            | 9.0         | 2.00      | DLW226K2HX3*B2A000 |
| 22.0               | 500                   | 10         | 42.5           | 37.0 | 22.0 | 37.5 | 10.2 | 1.2         | 40              | 880          | 0.25          | 11.5            | 7.8         | 1.80      | DLW226K2HX3*C4K000 |
| 25.0               | 500                   | 10         | 42.5           | 37.0 | 22.0 | 37.5 | -    | 1.0         | 40              | 1000         | 0.25          | 11.5            | 7.8         | 2.00      | DLW256K2HX3*B2A000 |
| 25.0               | 500                   | 10         | 42.5           | 37.0 | 22.0 | 37.5 | 10.2 | 1.2         | 40              | 1000         | 0.25          | 12.5            | 6.6         | 1.80      | DLW256K2HX3*C4K000 |
| 30.0               | 500                   | 10         | 42.5           | 44.0 | 24.0 | 37.5 | -    | 1.0         | 40              | 1200         | 0.25          | 13.5            | 6.6         | 2.00      | DLW306K2HX3*B2A000 |
| 30.0               | 500                   | 10         | 42.5           | 44.0 | 24.0 | 37.5 | 10.2 | 1.2         | 40              | 1200         | 0.25          | 15.0            | 5.4         | 1.80      | DLW306K2HX3*C4K000 |
| 35.0               | 500                   | 10         | 42.5           | 45.0 | 30.0 | 37.5 | -    | 1.2         | 40              | 1400         | 0.25          | 17.0            | 5.6         | 2.00      | DLW356K2HX3*C2A000 |
| 35.0               | 500                   | 10         | 42.5           | 45.0 | 30.0 | 37.5 | 20.3 | 1.2         | 40              | 1400         | 0.25          | 18.5            | 4.9         | 1.80      | DLW356K2HX3*C4M000 |

Type : DLW

Specification

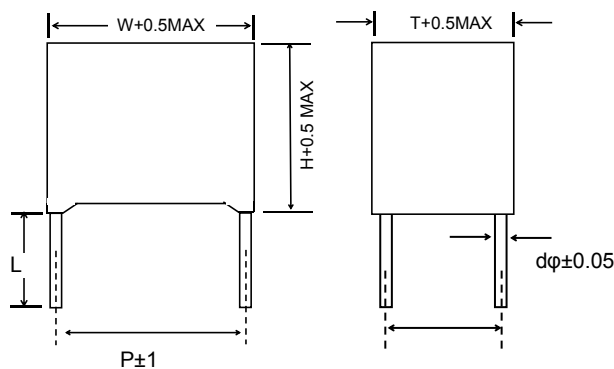
Dimension

unit:mm



Front view

Side view



Front view

Side view

| CAP.<br>( $\mu\text{F}$ ) | VR (70<br>°C)<br>(VDC) | TOL.<br>$\pm\%$ | Dimensions(mm) |      |      |      |      |                  | dv/dt<br>(v/ $\mu\text{s}$ ) | I <sub>peak</sub><br>(A) | 1KHzDF<br>(%) | 10KHz                         |                      |           | SCC<br>P/N         |
|---------------------------|------------------------|-----------------|----------------|------|------|------|------|------------------|------------------------------|--------------------------|---------------|-------------------------------|----------------------|-----------|--------------------|
|                           |                        |                 | W              | H    | T    | P    | P1   | $d\phi \pm 0.05$ |                              |                          |               | I <sub>rms</sub> (A)<br>@70°C | ESR<br>(m $\Omega$ ) | DF<br>(%) |                    |
| 40.0                      | 500                    | 10              | 42.5           | 45.0 | 30.0 | 37.5 | -    | 1.2              | 40                           | 1600                     | 0.25          | 17.0                          | 4.0                  | 1.60      | DLW406K2HX3*C2A000 |
| 40.0                      | 500                    | 10              | 42.5           | 45.0 | 30.0 | 37.5 | 20.3 | 1.2              | 40                           | 1600                     | 0.25          | 18.5                          | 3.5                  | 1.40      | DLW406K2HX3*C4M000 |
| 40.0                      | 500                    | 10              | 57.0           | 45.0 | 25.0 | 52.5 | -    | 1.2              | 20                           | 800                      | 0.44          | 13.0                          | 9.8                  | 4.65      | DLW406K2HX5*C2A000 |
| 40.0                      | 500                    | 10              | 57.0           | 45.0 | 25.0 | 52.5 | 10.2 | 1.2              | 20                           | 800                      | 0.44          | 13.5                          | 8.4                  | 4.20      | DLW406K2HX5*C4K000 |
| 45.0                      | 500                    | 10              | 57.0           | 45.0 | 25.0 | 52.5 | -    | 1.2              | 20                           | 900                      | 0.44          | 12.5                          | 8.7                  | 4.65      | DLW456K2HX5*C2A000 |
| 45.0                      | 500                    | 10              | 57.0           | 45.0 | 25.0 | 52.5 | 10.2 | 1.2              | 20                           | 900                      | 0.44          | 13.5                          | 8.4                  | 4.20      | DLW456K2HX5*C4K000 |
| 50.0                      | 500                    | 10              | 57.0           | 45.0 | 25.0 | 52.5 | -    | 1.2              | 20                           | 1000                     | 0.44          | 15.0                          | 7.7                  | 4.65      | DLW506K2HX5*C2A000 |
| 50.0                      | 500                    | 10              | 57.0           | 45.0 | 25.0 | 52.5 | 10.2 | 1.2              | 20                           | 1000                     | 0.44          | 15.5                          | 7.0                  | 4.20      | DLW506K2HX5*C4K000 |
| 55.0                      | 500                    | 10              | 57.0           | 45.0 | 30.0 | 52.5 | -    | 1.2              | 20                           | 1100                     | 0.44          | 15.0                          | 7.7                  | 4.65      | DLW556K2HX5*C2A000 |
| 55.0                      | 500                    | 10              | 57.0           | 45.0 | 30.0 | 52.5 | 20.3 | 1.2              | 20                           | 1100                     | 0.44          | 15.5                          | 7.0                  | 4.20      | DLW556K2HX5*C4M000 |
| 60.0                      | 500                    | 10              | 57.0           | 45.0 | 30.0 | 52.5 | -    | 1.2              | 20                           | 1200                     | 0.44          | 15.5                          | 7.0                  | 4.65      | DLW606K2HX5*C2A000 |
| 60.0                      | 500                    | 10              | 57.0           | 45.0 | 30.0 | 52.5 | 20.3 | 1.2              | 20                           | 1200                     | 0.44          | 16.5                          | 6.3                  | 4.20      | DLW606K2HX5*C4M000 |
| 65.0                      | 500                    | 10              | 57.0           | 50.0 | 35.0 | 52.5 | -    | 1.2              | 20                           | 1300                     | 0.44          | 19.0                          | 6.8                  | 4.65      | DLW656K2HX5*C2A000 |
| 65.0                      | 500                    | 10              | 57.0           | 50.0 | 35.0 | 52.5 | 20.3 | 1.2              | 20                           | 1300                     | 0.44          | 20.5                          | 6.0                  | 4.20      | DLW656K2HX5*C4M000 |
| 70.0                      | 500                    | 10              | 57.0           | 50.0 | 35.0 | 52.5 | -    | 1.2              | 20                           | 1400                     | 0.44          | 18.0                          | 6.8                  | 4.65      | DLW706K2HX5*C2A000 |
| 70.0                      | 500                    | 10              | 57.0           | 50.0 | 35.0 | 52.5 | 20.3 | 1.2              | 20                           | 1400                     | 0.44          | 19.0                          | 6.0                  | 4.20      | DLW706K2HX5*C4M000 |
| 75.0                      | 500                    | 10              | 57.0           | 50.0 | 35.0 | 52.5 | -    | 1.2              | 20                           | 1500                     | 0.44          | 19.0                          | 6.0                  | 4.65      | DLW756K2HX5*C2A000 |
| 75.0                      | 500                    | 10              | 57.0           | 50.0 | 35.0 | 52.5 | 20.3 | 1.2              | 20                           | 1500                     | 0.44          | 20.5                          | 5.3                  | 4.20      | DLW756K2HX5*C4M000 |
| 80.0                      | 500                    | 10              | 57.0           | 50.0 | 35.0 | 52.5 | -    | 1.2              | 20                           | 1600                     | 0.44          | 19.0                          | 6.0                  | 4.65      | DLW806K2HX5*C2A000 |
| 80.0                      | 500                    | 10              | 57.0           | 50.0 | 35.0 | 52.5 | 20.3 | 1.2              | 20                           | 1600                     | 0.44          | 20.5                          | 5.3                  | 4.20      | DLW806K2HX5*C4M000 |
| 85.0                      | 500                    | 10              | 57.0           | 55.0 | 35.0 | 52.5 | -    | 1.2              | 20                           | 1700                     | 0.44          | 19.5                          | 6.0                  | 4.65      | DLW856K2HX5*C2A000 |
| 85.0                      | 500                    | 10              | 57.0           | 55.0 | 35.0 | 52.5 | 20.3 | 1.2              | 20                           | 1700                     | 0.44          | 21.0                          | 5.3                  | 4.20      | DLW856K2HX5*C4M000 |
| 90.0                      | 500                    | 10              | 57.0           | 55.0 | 35.0 | 52.5 | -    | 1.2              | 20                           | 1800                     | 0.44          | 20.0                          | 5.3                  | 4.65      | DLW906K2HX5*C2A000 |
| 90.0                      | 500                    | 10              | 57.0           | 55.0 | 35.0 | 52.5 | 20.3 | 1.2              | 20                           | 1800                     | 0.44          | 21.5                          | 4.5                  | 4.20      | DLW906K2HX5*C4M000 |
| 95.0                      | 500                    | 10              | 57.0           | 55.0 | 40.0 | 52.5 | 20.3 | 1.2              | 20                           | 1900                     | 0.44          | 21.5                          | 4.5                  | 4.20      | DLW956K2HX5*C4M000 |
| 100.0                     | 500                    | 10              | 57.0           | 55.0 | 40.0 | 52.5 | 20.3 | 1.2              | 20                           | 2000                     | 0.44          | 23.5                          | 4.0                  | 4.20      | DLW107K2HX5*C4M000 |

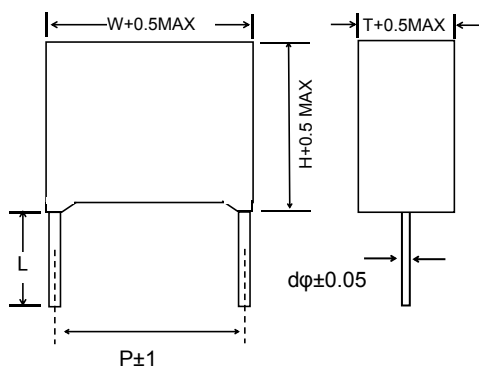
Strong Components Co.,Ltd

Type : DLW

Specification

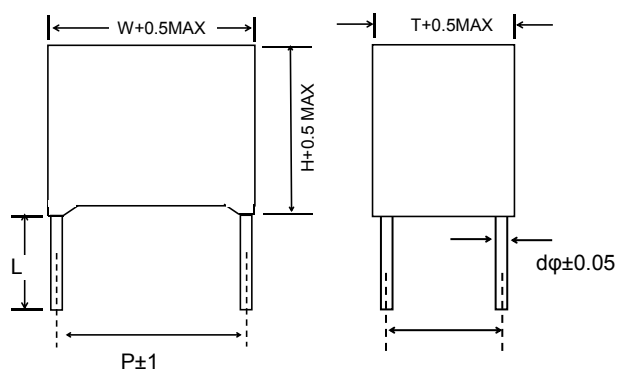
Dimension

unit:mm



Front view

Side view



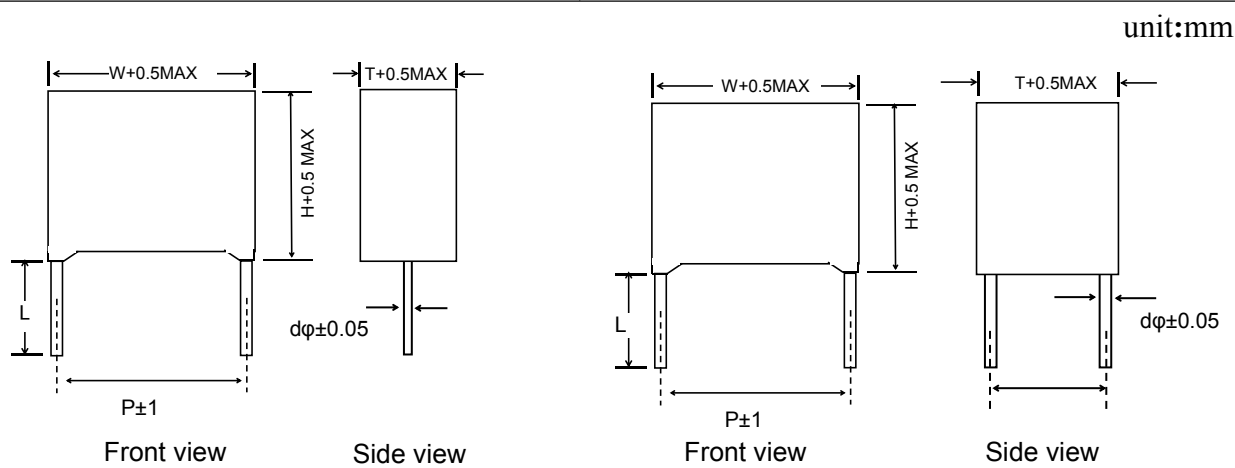
Front view

Side view

| CAP.<br>( $\mu F$ ) | VR (70<br>°C)<br>(VDC) | TOL.<br>±% | Dimensions(mm) |      |      |      |      |             | dv/dt<br>(V/ $\mu s$ ) | I <sub>peak</sub><br>(A) | 1KHzDF<br>(%) | 10KHz                         |             |           | SCC<br>P/N         |
|---------------------|------------------------|------------|----------------|------|------|------|------|-------------|------------------------|--------------------------|---------------|-------------------------------|-------------|-----------|--------------------|
|                     |                        |            | W              | H    | T    | P    | P1   | dφ<br>±0.05 |                        |                          |               | I <sub>rms</sub> (A)<br>@70°C | ESR<br>(mΩ) | DF<br>(%) |                    |
| 2.0                 | 800                    | 10         | 32.0           | 18.0 | 9.0  | 27.5 | -    | 0.8         | 75                     | 150                      | 0.15          | 3.0                           | 38.0        | 1.02      | DLW205K2KX2*A2A000 |
| 2.5                 | 800                    | 10         | 32.0           | 20.0 | 11.0 | 27.5 | -    | 0.8         | 75                     | 187.5                    | 0.15          | 3.5                           | 31.7        | 1.02      | DLW255K2KX2*A2A000 |
| 3.0                 | 800                    | 10         | 32.0           | 20.0 | 11.0 | 27.5 | -    | 0.8         | 75                     | 225                      | 0.15          | 4.0                           | 25.3        | 1.02      | DLW305K2KX2*A2A000 |
| 3.3                 | 800                    | 10         | 32.0           | 20.0 | 11.0 | 27.5 | -    | 0.8         | 75                     | 247.5                    | 0.15          | 4.4                           | 23.0        | 1.02      | DLW335K2KX2*A2A000 |
| 4.0                 | 800                    | 10         | 32.0           | 22.0 | 13.0 | 27.5 | -    | 0.8         | 75                     | 300                      | 0.15          | 5.0                           | 18.7        | 1.02      | DLW405K2KX2*A2A000 |
| 5.0                 | 800                    | 10         | 32.0           | 25.0 | 14.0 | 27.5 | -    | 0.8         | 75                     | 375                      | 0.15          | 6.0                           | 15.4        | 1.02      | DLW505K2KX2*A2A000 |
| 6.0                 | 800                    | 10         | 32.0           | 26.0 | 18.0 | 27.5 | -    | 0.8         | 75                     | 450                      | 0.15          | 7.5                           | 12.7        | 1.02      | DLW605K2KX2*A2A000 |
| 7.0                 | 800                    | 10         | 32.0           | 26.0 | 18.0 | 27.5 | -    | 0.8         | 75                     | 525                      | 0.15          | 8.0                           | 11.0        | 1.02      | DLW705K2KX2*A2A000 |
| 7.0                 | 800                    | 10         | 32.0           | 29.0 | 15.5 | 27.5 | -    | 0.8         | 75                     | 525                      | 0.15          | 8.0                           | 10.0        | 1.02      | DLW705K2KX2*A2A001 |
| 8.0                 | 800                    | 10         | 32.0           | 30.5 | 20.0 | 27.5 | -    | 0.8         | 75                     | 600                      | 0.15          | 8.5                           | 10.2        | 1.02      | DLW805K2KX2*A2A000 |
| 8.0                 | 800                    | 10         | 32.0           | 30.5 | 20.0 | 27.5 | 10.2 | 0.8         | 75                     | 600                      | 0.15          | 9.0                           | 9.6         | 1.02      | DLW805K2KX2*A4K000 |
| 9.0                 | 800                    | 10         | 32.0           | 30.5 | 20.0 | 27.5 | -    | 0.8         | 75                     | 675                      | 0.15          | 10.0                          | 9.0         | 1.02      | DLW905K2KX2*A2A000 |
| 9.0                 | 800                    | 10         | 32.0           | 30.5 | 20.0 | 27.5 | 10.2 | 0.8         | 75                     | 675                      | 0.15          | 10.5                          | 8.4         | 1.02      | DLW905K2KX2*A4K000 |
| 10.0                | 800                    | 10         | 32.0           | 30.5 | 20.0 | 27.5 | -    | 0.8         | 75                     | 750                      | 0.15          | 10.0                          | 8.4         | 1.02      | DLW106K2KX2*A2A000 |
| 10.0                | 800                    | 10         | 32.0           | 30.5 | 20.0 | 27.5 | 10.2 | 0.8         | 75                     | 750                      | 0.15          | 10.5                          | 7.8         | 1.02      | DLW106K2KX2*A4K000 |
| 12.0                | 800                    | 10         | 32.0           | 35.0 | 21.0 | 27.5 | -    | 0.8         | 75                     | 900                      | 0.15          | 11.5                          | 7.2         | 1.02      | DLW126K2KX2*A2A000 |
| 12.0                | 800                    | 10         | 32.0           | 35.0 | 21.0 | 27.5 | 10.2 | 0.8         | 75                     | 900                      | 0.15          | 10.5                          | 6.6         | 1.02      | DLW126K2KX2*A4K000 |
| 7.0                 | 800                    | 10         | 42.5           | 26.0 | 14.5 | 37.5 | -    | 1.0         | 40                     | 280                      | 0.22          | 4.5                           | 27.5        | 2.03      | DLW705K2KX3*B2A000 |
| 8.0                 | 800                    | 10         | 42.5           | 28.5 | 16.0 | 37.5 | -    | 1.0         | 40                     | 320                      | 0.22          | 5.0                           | 19.8        | 2.03      | DLW805K2KX3*B2A000 |
| 9.0                 | 800                    | 10         | 42.5           | 28.5 | 16.0 | 37.5 | -    | 1.0         | 40                     | 360                      | 0.22          | 6.5                           | 16.5        | 2.03      | DLW905K2KX3*B2A000 |
| 10.0                | 800                    | 10         | 42.5           | 30.0 | 17.0 | 37.5 | -    | 1.0         | 40                     | 400                      | 0.22          | 7.5                           | 14.9        | 2.03      | DLW106K2KX3*B2A000 |
| 12.0                | 800                    | 10         | 42.5           | 31.5 | 18.5 | 37.5 | -    | 1.0         | 40                     | 480                      | 0.22          | 8.0                           | 12.7        | 2.03      | DLW126K2KX3*B2A000 |
| 15.0                | 800                    | 10         | 42.5           | 36.0 | 19.0 | 37.5 | -    | 1.0         | 40                     | 600                      | 0.22          | 9.0                           | 11.7        | 2.03      | DLW156K2KX3*B2A000 |
| 20.0                | 800                    | 10         | 42.5           | 39.0 | 22.0 | 37.5 | -    | 1.0         | 40                     | 800                      | 0.22          | 11.0                          | 9.1         | 2.03      | DLW206K2KX3*B2A000 |
| 20.0                | 800                    | 10         | 42.5           | 39.0 | 22.0 | 37.5 | 10.2 | 1.2         | 40                     | 800                      | 0.22          | 12.0                          | 8.4         | 2.03      | DLW206K2KX3*C4K000 |
| 22.0                | 800                    | 10         | 42.5           | 44.0 | 24.0 | 37.5 | -    | 1.0         | 40                     | 880                      | 0.22          | 13.0                          | 8.4         | 2.03      | DLW226K2KX3*B2A000 |

Strong Components Co.,Ltd

|            |               |           |
|------------|---------------|-----------|
| Type : DLW | Specification | Dimension |
|------------|---------------|-----------|

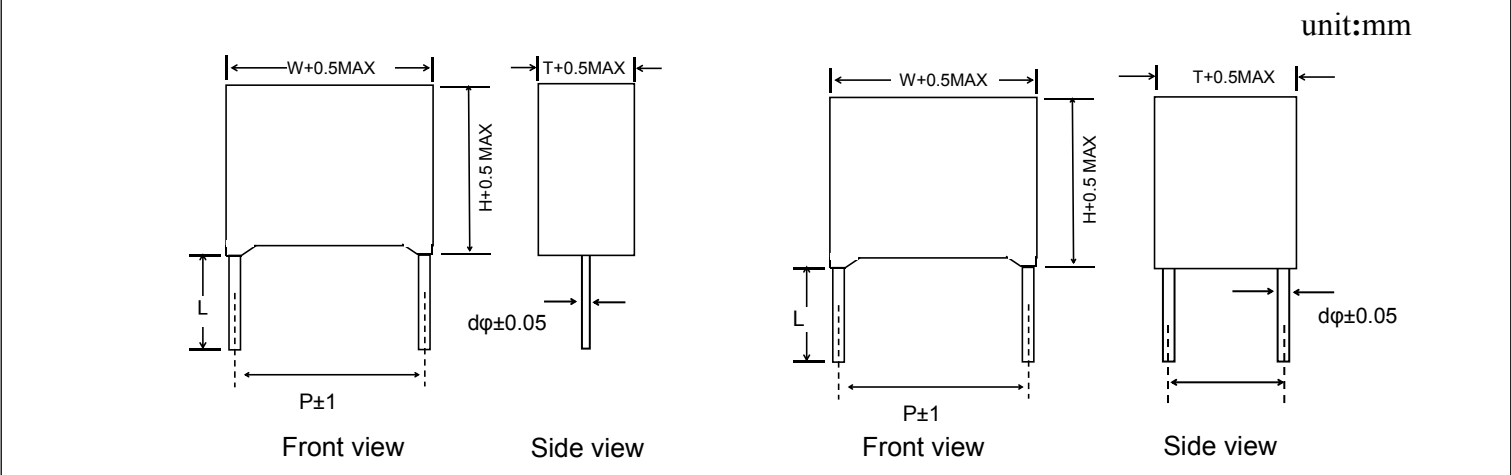


| CAP.<br>( $\mu\text{F}$ ) | VR (70<br>°C)<br>(VDC) | TOL.<br>±% | Dimensions(mm) |      |      |      |      |                 | dv/dt<br>(V/ $\mu\text{s}$ ) | Ipeak<br>(A) | 1KHzDF<br>(%) | 10KHz            |             |           | SCC<br>P/N         |
|---------------------------|------------------------|------------|----------------|------|------|------|------|-----------------|------------------------------|--------------|---------------|------------------|-------------|-----------|--------------------|
|                           |                        |            | W              | H    | T    | P    | P1   | $d\phi\pm 0.05$ |                              |              |               | Irms(A)<br>@70°C | ESR<br>(mΩ) | DF<br>(%) |                    |
| 22.0                      | 800                    | 10         | 42.5           | 44.0 | 24.0 | 37.5 | 10.2 | 1.2             | 40                           | 880          | 0.22          | 13.5             | 7.7         | 1.80      | DLW226K2KX3*C4K000 |
| 25.0                      | 800                    | 10         | 42.5           | 44.0 | 24.0 | 37.5 | -    | 1.0             | 40                           | 1000         | 0.22          | 13.5             | 7.7         | 2.03      | DLW256K2KX3*B2A000 |
| 25.0                      | 800                    | 10         | 42.5           | 44.0 | 24.0 | 37.5 | 10.2 | 1.2             | 40                           | 1000         | 0.22          | 14.5             | 7.0         | 1.80      | DLW256K2KX3*C4K000 |
| 30.0                      | 800                    | 10         | 42.5           | 45.0 | 30.0 | 37.5 | -    | 1.0             | 40                           | 1200         | 0.22          | 16.0             | 6.3         | 2.03      | DLW306K2KX3*B2A000 |
| 30.0                      | 800                    | 10         | 42.5           | 45.0 | 30.0 | 37.5 | 20.3 | 1.2             | 40                           | 1200         | 0.22          | 17.0             | 5.6         | 1.80      | DLW306K2KX3*C4M000 |
| 35.0                      | 800                    | 10         | 42.5           | 45.0 | 30.0 | 37.5 | -    | 1.0             | 40                           | 1400         | 0.22          | 17.0             | 6.0         | 2.03      | DLW356K2KX3*B2A000 |
| 35.0                      | 800                    | 10         | 42.5           | 45.0 | 30.0 | 37.5 | 20.3 | 1.2             | 40                           | 1400         | 0.22          | 18.5             | 5.3         | 1.80      | DLW356K2KX3*C4M000 |
| 30.0                      | 800                    | 10         | 57.0           | 45.0 | 25.0 | 52.5 | -    | 1.2             | 20                           | 600          | 0.35          | 11.0             | 12.6        | 4.05      | DLW306K2KX5*C2A000 |
| 30.0                      | 800                    | 10         | 57.0           | 45.0 | 25.0 | 52.5 | 10.2 | 1.2             | 20                           | 600          | 0.35          | 12.0             | 11.2        | 3.60      | DLW306K2KX5*C4K000 |
| 35.0                      | 800                    | 10         | 57.0           | 45.0 | 25.0 | 52.5 | -    | 1.2             | 20                           | 700          | 0.35          | 12.0             | 1.5         | 4.05      | DLW356K2KX5*C2A000 |
| 35.0                      | 800                    | 10         | 57.0           | 45.0 | 25.0 | 52.5 | 10.2 | 1.2             | 20                           | 700          | 0.35          | 12.5             | 9.8         | 3.60      | DLW356K2KX5*C4K000 |
| 40.0                      | 800                    | 10         | 57.0           | 45.0 | 25.0 | 52.5 | -    | 1.2             | 20                           | 800          | 0.35          | 13.0             | 9.1         | 4.05      | DLW406K2KX5*C2A000 |
| 40.0                      | 800                    | 10         | 57.0           | 45.0 | 25.0 | 52.5 | 10.2 | 1.2             | 20                           | 800          | 0.35          | 13.5             | 8.4         | 3.60      | DLW406K2KX5*C4K000 |
| 45.0                      | 800                    | 10         | 57.0           | 45.0 | 30.0 | 52.5 | -    | 1.2             | 20                           | 900          | 0.35          | 14.5             | 9.0         | 4.05      | DLW456K2KX5*C2A000 |
| 45.0                      | 800                    | 10         | 57.0           | 45.0 | 30.0 | 52.5 | 20.3 | 1.2             | 20                           | 900          | 0.35          | 15.0             | 8.3         | 3.60      | DLW456K2KX5*C4M000 |
| 50.0                      | 800                    | 10         | 57.0           | 45.0 | 35.0 | 52.5 | -    | 1.2             | 20                           | 1000         | 0.35          | 15.0             | 8.8         | 4.05      | DLW506K2KX5*C2A001 |
| 50.0                      | 800                    | 10         | 57.0           | 45.0 | 35.0 | 52.5 | 20.3 | 1.2             | 20                           | 1000         | 0.35          | 15.5             | 8.0         | 3.60      | DLW506K2KX5*C4M001 |
| 55.0                      | 800                    | 10         | 57.0           | 50.0 | 35.0 | 52.5 | -    | 1.2             | 20                           | 1100         | 0.35          | 17.0             | 8.0         | 4.05      | DLW556K2KX5*C2A000 |
| 55.0                      | 800                    | 10         | 57.0           | 50.0 | 35.0 | 52.5 | 20.3 | 1.2             | 20                           | 1100         | 0.35          | 18.0             | 7.2         | 3.60      | DLW556K2KX5*C4M000 |
| 60.0                      | 800                    | 10         | 57.0           | 50.0 | 35.0 | 52.5 | -    | 1.2             | 20                           | 1200         | 0.35          | 18.0             | 7.2         | 4.05      | DLW606K2KX5*C2A000 |
| 60.0                      | 800                    | 10         | 57.0           | 50.0 | 35.0 | 52.5 | 20.3 | 1.2             | 20                           | 1200         | 0.35          | 19.0             | 6.4         | 3.60      | DLW606K2KX5*C4M000 |
| 65.0                      | 800                    | 10         | 57.0           | 55.0 | 35.0 | 52.5 | -    | 1.2             | 20                           | 1300         | 0.35          | 19.0             | 6.4         | 4.05      | DLW656K2KX5*C2A000 |
| 65.0                      | 800                    | 10         | 57.0           | 55.0 | 35.0 | 52.5 | 20.3 | 1.2             | 20                           | 1300         | 0.35          | 20.5             | 5.6         | 3.60      | DLW656K2KX5*C4M000 |
| 70.0                      | 800                    | 10         | 57.0           | 55.0 | 35.0 | 52.5 | -    | 1.2             | 20                           | 1400         | 0.35          | 19.0             | 6.4         | 4.05      | DLW706K2KX5*C2A000 |
| 70.0                      | 800                    | 10         | 57.0           | 55.0 | 35.0 | 52.5 | 20.3 | 1.2             | 20                           | 1400         | 0.35          | 20.0             | 5.6         | 3.60      | DLW706K2KX5*C4M000 |
| 75.0                      | 800                    | 10         | 57.0           | 55.0 | 40.0 | 52.5 | 20.3 | 1.2             | 20                           | 1500         | 0.35          | 21.5             | 4.8         | 3.60      | DLW756K2KX5*C4M000 |
| 80.0                      | 800                    | 10         | 57.0           | 55.0 | 40.0 | 52.5 | 20.3 | 1.2             | 20                           | 1600         | 0.35          | 21.5             | 4.8         | 3.60      | DLW806K2KX5*C4M000 |

Type : DLW

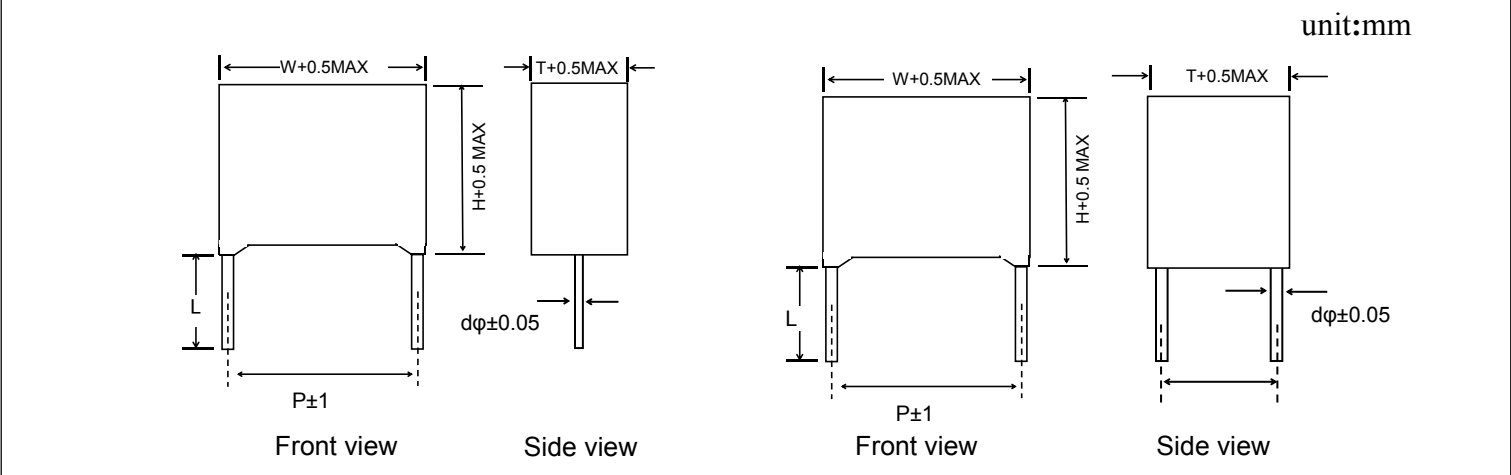
Specification

Dimension



| CAP.<br>( $\mu F$ ) | VR (70 $^{\circ}C$ )<br>(VDC) | TOL.<br>$\pm\%$ | Dimensions(mm) |      |      |      |      |                        | dv/dt<br>(v/ $\mu s$ ) | Ipeak<br>(A) | 1KHzDF<br>(%) | 10KHz                      |                      |           | SCC<br>P/N         |
|---------------------|-------------------------------|-----------------|----------------|------|------|------|------|------------------------|------------------------|--------------|---------------|----------------------------|----------------------|-----------|--------------------|
|                     |                               |                 | W              | H    | T    | P    | P1   | d $\phi$<br>$\pm 0.05$ |                        |              |               | Irms(A)<br>@70 $^{\circ}C$ | ESR<br>(m $\Omega$ ) | DF<br>(%) |                    |
| 2.0                 | 900                           | 10              | 32.0           | 20.0 | 11.0 | 27.5 | -    | 0.8                    | 75                     | 150          | 0.12          | 3.5                        | 40.3                 | 0.90      | DLW205K1XX2*A2A000 |
| 2.5                 | 900                           | 10              | 32.0           | 20.0 | 11.0 | 27.5 | -    | 0.8                    | 75                     | 187          | 0.12          | 4.0                        | 33.8                 | 0.90      | DLW255K1XX2*A2A000 |
| 3.0                 | 900                           | 10              | 32.0           | 22.0 | 13.0 | 27.5 | -    | 0.8                    | 75                     | 225          | 0.12          | 4.5                        | 29.4                 | 0.90      | DLW305K1XX2*A2A000 |
| 4.0                 | 900                           | 10              | 32.0           | 25.0 | 14.0 | 27.5 | -    | 0.8                    | 75                     | 300          | 0.12          | 5.5                        | 21.7                 | 0.90      | DLW405K1XX2*A2A000 |
| 5.0                 | 900                           | 10              | 32.0           | 26.0 | 18.0 | 27.5 | -    | 0.8                    | 75                     | 375          | 0.12          | 7.0                        | 17.5                 | 0.90      | DLW505K1XX2*A2A000 |
| 6.0                 | 900                           | 10              | 32.0           | 26.0 | 18.0 | 27.5 | -    | 0.8                    | 75                     | 450          | 0.12          | 7.5                        | 14.7                 | 0.90      | DLW605K1XX2*A2A000 |
| 7.0                 | 900                           | 10              | 32.0           | 30.5 | 20.0 | 27.5 | -    | 0.8                    | 75                     | 525          | 0.12          | 9.0                        | 12.6                 | 0.90      | DLW705K1XX2*A2A000 |
| 7.0                 | 900                           | 10              | 32.0           | 30.5 | 20.0 | 27.5 | 10.2 | 0.8                    | 75                     | 525          | 0.12          | 9.5                        | 11.9                 | 0.90      | DLW705K1XX2*A4K000 |
| 8.0                 | 900                           | 10              | 32.0           | 30.5 | 20.0 | 27.5 | -    | 0.8                    | 75                     | 600          | 0.12          | 9.5                        | 11.2                 | 0.90      | DLW805K1XX2*A2A000 |
| 8.0                 | 900                           | 10              | 32.0           | 30.5 | 20.0 | 27.5 | 10.2 | 0.8                    | 75                     | 600          | 0.12          | 10.0                       | 11.2                 | 0.90      | DLW805K1XX2*A4K000 |
| 9.0                 | 900                           | 10              | 32.0           | 30.5 | 20.0 | 27.5 | -    | 0.8                    | 75                     | 675          | 0.12          | 10.0                       | 11.2                 | 0.90      | DLW905K1XX2*A2A000 |
| 9.0                 | 900                           | 10              | 32.0           | 30.5 | 20.0 | 27.5 | 10.2 | 0.8                    | 75                     | 675          | 0.12          | 10.5                       | 10.5                 | 0.90      | DLW905K1XX2*A4K000 |
| 10.0                | 900                           | 10              | 32.0           | 35.0 | 21.0 | 27.5 | -    | 0.8                    | 75                     | 750          | 0.12          | 10.5                       | 10.5                 | 0.90      | DLW106K1XX2*A2A000 |
| 10.0                | 900                           | 10              | 32.0           | 35.0 | 21.0 | 27.5 | 10.2 | 0.8                    | 75                     | 750          | 0.12          | 11.0                       | 9.8                  | 0.90      | DLW106K1XX2*A4K000 |
| 5.0                 | 900                           | 10              | 42.5           | 24.0 | 13.0 | 37.5 | -    | 1.0                    | 40                     | 200          | 0.2           | 4.5                        | 54.0                 | 1.83      | DLW505K1XX3*B2A000 |
| 6.0                 | 900                           | 10              | 42.5           | 26.0 | 14.5 | 37.5 | -    | 1.0                    | 40                     | 240          | 0.2           | 5.0                        | 48.8                 | 1.83      | DLW605K1XX3*B2A000 |
| 7.0                 | 900                           | 10              | 42.5           | 26.0 | 14.5 | 37.5 | -    | 1.0                    | 40                     | 280          | 0.2           | 6.0                        | 39.0                 | 1.83      | DLW705K1XX3*B2A000 |
| 8.0                 | 900                           | 10              | 42.5           | 28.5 | 16.0 | 37.5 | -    | 1.0                    | 40                     | 320          | 0.2           | 7.0                        | 32.5                 | 1.83      | DLW805K1XX3*B2A000 |
| 9.0                 | 900                           | 10              | 42.5           | 28.5 | 16.0 | 37.5 | -    | 1.0                    | 40                     | 360          | 0.2           | 7.5                        | 24.3                 | 1.83      | DLW905K1XX3*B2A000 |
| 10.0                | 900                           | 10              | 42.5           | 30.0 | 17.0 | 37.5 | -    | 1.0                    | 40                     | 400          | 0.2           | 8.0                        | 17.5                 | 1.83      | DLW106K1XX3*B2A000 |
| 12.0                | 900                           | 10              | 42.5           | 36.0 | 19.0 | 37.5 | -    | 1.0                    | 40                     | 480          | 0.2           | 8.5                        | 14.7                 | 1.83      | DLW126K1XX3*B2A000 |
| 15.0                | 900                           | 10              | 42.5           | 37.0 | 22.0 | 37.5 | -    | 1.0                    | 40                     | 600          | 0.2           | 10.0                       | 11.9                 | 1.83      | DLW156K1XX3*B2A000 |
| 15.0                | 900                           | 10              | 42.5           | 37.0 | 22.0 | 37.5 | 10.2 | 1.2                    | 40                     | 600          | 0.2           | 11.0                       | 10.5                 | 1.65      | DLW156K1XX3*C4K000 |
| 18.0                | 900                           | 10              | 42.5           | 37.0 | 22.0 | 37.5 | -    | 1.0                    | 40                     | 720          | 0.2           | 11.5                       | 9.8                  | 1.83      | DLW186K1XX3*B2A000 |
| 18.0                | 900                           | 10              | 42.5           | 37.0 | 22.0 | 37.5 | 10.2 | 1.2                    | 40                     | 720          | 0.2           | 12.0                       | 9.1                  | 1.65      | DLW186K1XX3*C4K000 |
| 20.0                | 900                           | 10              | 42.5           | 44.0 | 24.0 | 37.5 | -    | 1.0                    | 40                     | 800          | 0.2           | 13.0                       | 8.4                  | 1.83      | DLW206K1XX3*B2A000 |

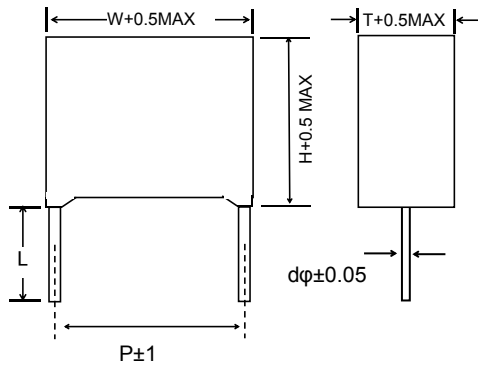
|            |               |           |
|------------|---------------|-----------|
| Type : DLW | Specification | Dimension |
|------------|---------------|-----------|



| CAP.<br>( $\mu F$ ) | VR (70 $^{\circ}C$ )<br>(VDC) | TOL.<br>$\pm\%$ | Dimensions(mm) |      |      |      |      |                        | dv/dt<br>(v/ $\mu s$ ) | Ipeak<br>(A) | 1KHzDF<br>(%) | 10KHz                      |                      |           | SCC<br>P/N         |
|---------------------|-------------------------------|-----------------|----------------|------|------|------|------|------------------------|------------------------|--------------|---------------|----------------------------|----------------------|-----------|--------------------|
|                     |                               |                 | W              | H    | T    | P    | P1   | d $\phi$<br>$\pm 0.05$ |                        |              |               | Irms(A)<br>@70 $^{\circ}C$ | ESR<br>(m $\Omega$ ) | DF<br>(%) |                    |
| 20.0                | 900                           | 10              | 42.5           | 44.0 | 24.0 | 37.5 | 10.2 | 1.2                    | 40                     | 800          | 0.2           | 13.5                       | 7.7                  | 1.65      | DLW206K1XX3*C4K000 |
| 25.0                | 900                           | 10              | 42.5           | 45.0 | 30.0 | 37.5 | -    | 1.0                    | 40                     | 1000         | 0.2           | 15.5                       | 7.0                  | 1.83      | DLW256K1XX3*B2A000 |
| 25.0                | 900                           | 10              | 42.5           | 45.0 | 30.0 | 37.5 | 20.3 | 1.2                    | 40                     | 1000         | 0.2           | 16.0                       | 6.3                  | 1.65      | DLW256K1XX3*C4M000 |
| 30.0                | 900                           | 10              | 42.5           | 45.0 | 30.0 | 37.5 | -    | 1.0                    | 40                     | 1200         | 0.2           | 16.5                       | 5.6                  | 1.83      | DLW306K1XX3*B2A000 |
| 30.0                | 900                           | 10              | 42.5           | 45.0 | 30.0 | 37.5 | 20.3 | 1.2                    | 40                     | 1200         | 0.2           | 17.0                       | 5.6                  | 1.65      | DLW306K1XX3*C4M000 |
| 30.0                | 900                           | 10              | 57.0           | 45.0 | 25.0 | 52.5 | -    | 1.2                    | 10                     | 300          | 0.33          | 12.0                       | 11.2                 | 3.60      | DLW306K1XX5*C2A000 |
| 30.0                | 900                           | 10              | 57.0           | 45.0 | 25.0 | 52.5 | 10.2 | 1.2                    | 10                     | 300          | 0.33          | 12.0                       | 10.5                 | 3.23      | DLW306K1XX5*C4K000 |
| 35.0                | 900                           | 10              | 57.0           | 45.0 | 25.0 | 52.5 | -    | 1.2                    | 10                     | 350          | 0.33          | 13.0                       | 9.8                  | 3.60      | DLW356K1XX5*C2A000 |
| 35.0                | 900                           | 10              | 57.0           | 45.0 | 25.0 | 52.5 | 10.2 | 1.2                    | 10                     | 350          | 0.33          | 14.5                       | 8.4                  | 3.23      | DLW356K1XX5*C4K000 |
| 40.0                | 900                           | 10              | 57.0           | 45.0 | 30.0 | 52.5 | -    | 1.2                    | 10                     | 400          | 0.33          | 14.5                       | 8.4                  | 3.60      | DLW406K1XX5*C2A000 |
| 40.0                | 900                           | 10              | 57.0           | 45.0 | 30.0 | 52.5 | 20.3 | 1.2                    | 10                     | 400          | 0.33          | 15.0                       | 7.7                  | 3.23      | DLW406K1XX5*C4M000 |
| 45.0                | 900                           | 10              | 57.0           | 45.0 | 30.0 | 52.5 | -    | 1.2                    | 10                     | 450          | 0.33          | 16.0                       | 7.7                  | 3.60      | DLW456K1XX5*C2A000 |
| 45.0                | 900                           | 10              | 57.0           | 45.0 | 30.0 | 52.5 | 20.3 | 1.2                    | 10                     | 450          | 0.33          | 17.0                       | 7.0                  | 3.23      | DLW456K1XX5*C4M000 |
| 50.0                | 900                           | 10              | 57.0           | 50.0 | 35.0 | 52.5 | -    | 1.2                    | 10                     | 500          | 0.33          | 17.0                       | 7.0                  | 3.60      | DLW506K1XX5*C2A000 |
| 50.0                | 900                           | 10              | 57.0           | 50.0 | 35.0 | 52.5 | 20.3 | 1.2                    | 10                     | 500          | 0.33          | 18.0                       | 6.3                  | 3.23      | DLW506K1XX5*C4M000 |
| 55.0                | 900                           | 10              | 57.0           | 50.0 | 35.0 | 52.5 | -    | 1.2                    | 10                     | 550          | 0.33          | 17.5                       | 6.3                  | 3.60      | DLW556K1XX5*C2A000 |
| 55.0                | 900                           | 10              | 57.0           | 50.0 | 35.0 | 52.5 | 20.3 | 1.2                    | 10                     | 550          | 0.33          | 18.5                       | 5.6                  | 3.23      | DLW556K1XX5*C4M000 |
| 60.0                | 900                           | 10              | 57.0           | 50.0 | 35.0 | 52.5 | -    | 1.2                    | 10                     | 600          | 0.33          | 19.0                       | 5.6                  | 3.60      | DLW606K1XX5*C2A000 |
| 60.0                | 900                           | 10              | 57.0           | 50.0 | 35.0 | 52.5 | 20.3 | 1.2                    | 10                     | 600          | 0.33          | 20.0                       | 4.9                  | 3.23      | DLW606K1XX5*C4M000 |
| 65.0                | 900                           | 10              | 57.0           | 55.0 | 35.0 | 52.5 | -    | 1.2                    | 10                     | 650          | 0.33          | 20.5                       | 4.9                  | 3.60      | DLW656K1XX5*C2A000 |
| 65.0                | 900                           | 10              | 57.0           | 55.0 | 35.0 | 52.5 | 20.3 | 1.2                    | 10                     | 650          | 0.33          | 21.5                       | 4.2                  | 3.23      | DLW656K1XX5*C4M000 |
| 70.0                | 900                           | 10              | 57.0           | 55.0 | 40.0 | 52.5 | 20.3 | 1.2                    | 10                     | 700          | 0.33          | 22.5                       | 3.6                  | 3.60      | DLW706K1XX5*C4M000 |
|                     |                               |                 |                |      |      |      |      |                        |                        |              |               |                            |                      |           |                    |
|                     |                               |                 |                |      |      |      |      |                        |                        |              |               |                            |                      |           |                    |
|                     |                               |                 |                |      |      |      |      |                        |                        |              |               |                            |                      |           |                    |

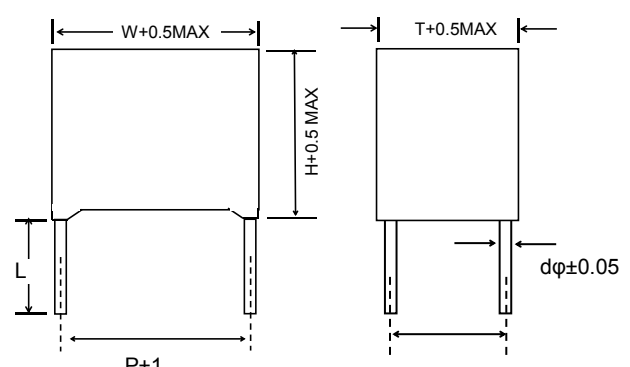
| Type : DLW | Specification | Dimension |
|------------|---------------|-----------|
|------------|---------------|-----------|

unit:mm



Front view

Side view



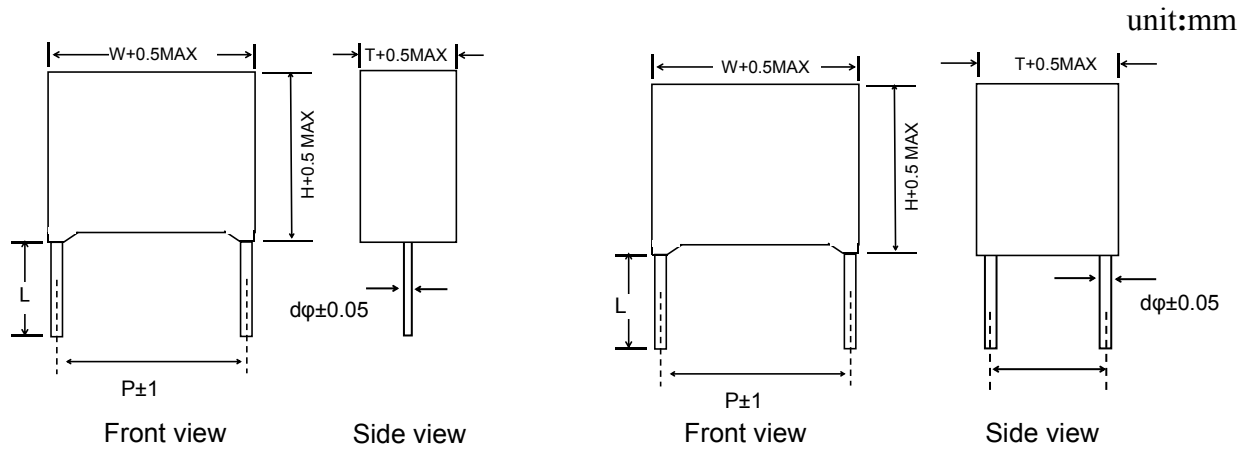
Front view

Side view

| CAP.<br>( $\mu$ F) | VR (70<br>°C)<br>(VDC) | TOL.<br>±% | Dimensions(mm) |      |      |      |      |             | dv/dt<br>(V/ $\mu$ s) | Ipeak<br>(A) | 1KHzDF<br>(%) | 10KHz            |             |           | SCC<br>P/N         |
|--------------------|------------------------|------------|----------------|------|------|------|------|-------------|-----------------------|--------------|---------------|------------------|-------------|-----------|--------------------|
|                    |                        |            | W              | H    | T    | P    | P1   | dφ<br>±0.05 |                       |              |               | Irms(A)<br>@70°C | ESR<br>(mΩ) | DF<br>(%) |                    |
| 1.0                | 1100                   | 10         | 32.0           | 18.0 | 9.0  | 27.5 | -    | 0.8         | 80                    | 80           | 0.11          | 2.0              | 75.6        | 0.75      | DLW105K1MX2*A2A000 |
| 1.5                | 1100                   | 10         | 32.0           | 20.0 | 11.0 | 27.5 | -    | 0.8         | 80                    | 120          | 0.11          | 3.0              | 56.4        | 0.75      | DLW155K1MX2*A2A000 |
| 2.0                | 1100                   | 10         | 32.0           | 22.0 | 13.0 | 27.5 | -    | 0.8         | 80                    | 160          | 0.11          | 3.5              | 38.4        | 0.75      | DLW205K1MX2*A2A000 |
| 2.5                | 1100                   | 10         | 32.0           | 22.0 | 13.0 | 27.5 | -    | 0.8         | 80                    | 200          | 0.11          | 4.0              | 31.2        | 0.75      | DLW255K1MX2*A2A000 |
| 3.0                | 1100                   | 10         | 32.0           | 25.0 | 14.0 | 27.5 | -    | 0.8         | 80                    | 240          | 0.11          | 5.0              | 27.3        | 0.75      | DLW305K1MX2*A2A000 |
| 3.3                | 1100                   | 10         | 32.0           | 25.5 | 16.0 | 27.5 | -    | 0.8         | 80                    | 264          | 0.11          | 5.5              | 24.7        | 0.75      | DLW335K1MX2*A2A000 |
| 4.0                | 1100                   | 10         | 32.0           | 26.0 | 18.0 | 27.5 | -    | 0.8         | 80                    | 320          | 0.11          | 6.0              | 20.8        | 0.75      | DLW405K1MX2*A2A000 |
| 5.0                | 1100                   | 10         | 32.0           | 30.5 | 20.0 | 27.5 | -    | 0.8         | 80                    | 400          | 0.11          | 7.5              | 16.9        | 0.75      | DLW505K1MX2*A2A000 |
| 5.0                | 1100                   | 10         | 32.0           | 30.5 | 20.0 | 27.5 | 10.2 | 0.8         | 80                    | 400          | 0.11          | 8.0              | 16.3        | 0.75      | DLW505K1MX2*A4K000 |
| 6.0                | 1100                   | 10         | 32.0           | 30.5 | 20.0 | 27.5 | -    | 0.8         | 80                    | 480          | 0.11          | 8.5              | 13.0        | 0.75      | DLW605K1MX2*A2A000 |
| 6.0                | 1100                   | 10         | 32.0           | 30.5 | 20.0 | 27.5 | 10.2 | 0.8         | 80                    | 480          | 0.11          | 9.0              | 12.4        | 0.75      | DLW605K1MX2*A4K000 |
| 7.0                | 1100                   | 10         | 32.0           | 35.0 | 21.0 | 27.5 | -    | 0.8         | 80                    | 560          | 0.11          | 9.0              | 11.7        | 0.75      | DLW705K1MX2*A2A000 |
| 7.0                | 1100                   | 10         | 32.0           | 35.0 | 21.0 | 27.5 | 10.2 | 0.8         | 80                    | 560          | 0.11          | 9.5              | 11.1        | 0.75      | DLW705K1MX2*A4K000 |
| 3.0                | 1100                   | 10         | 42.5           | 24.0 | 13.0 | 37.5 | -    | 1.0         | 40                    | 120          | 0.18          | 4.0              | 50.4        | 1.50      | DLW305K1MX3*B2A000 |
| 3.9                | 1100                   | 10         | 42.5           | 26.0 | 14.5 | 37.5 | -    | 1.0         | 40                    | 156          | 0.18          | 4.5              | 44.0        | 1.50      | DLW395K1MX3*B2A000 |
| 4.0                | 1100                   | 10         | 42.5           | 26.0 | 14.5 | 37.5 | -    | 1.0         | 40                    | 160          | 0.18          | 5.0              | 36.0        | 1.50      | DLW405K1MX3*B2A000 |
| 5.0                | 1100                   | 10         | 42.5           | 28.5 | 16.0 | 37.5 | -    | 1.0         | 40                    | 200          | 0.18          | 6.0              | 25.2        | 1.50      | DLW505K1MX3*B2A000 |
| 6.0                | 1100                   | 10         | 42.5           | 30.0 | 17.0 | 37.5 | -    | 1.0         | 40                    | 240          | 0.18          | 6.5              | 21.6        | 1.50      | DLW605K1MX3*B2A000 |
| 7.0                | 1100                   | 10         | 42.5           | 30.0 | 17.0 | 37.5 | -    | 1.0         | 40                    | 280          | 0.18          | 6.5              | 21.6        | 1.50      | DLW705K1MX3*B2A000 |
| 8.0                | 1100                   | 10         | 42.5           | 31.5 | 18.5 | 37.5 | -    | 1.0         | 40                    | 320          | 0.18          | 7.0              | 19.2        | 1.50      | DLW805K1MX3*B2A000 |
| 9.0                | 1100                   | 10         | 42.5           | 36.0 | 19.0 | 37.5 | -    | 1.0         | 40                    | 360          | 0.18          | 7.5              | 16.8        | 1.50      | DLW905K1MX3*B2A000 |
| 10.0               | 1100                   | 10         | 42.5           | 37.0 | 22.0 | 37.5 | -    | 1.0         | 40                    | 400          | 0.18          | 8.5              | 14.4        | 1.50      | DLW106K1MX3*B2A000 |
| 10.0               | 1100                   | 10         | 42.5           | 37.0 | 22.0 | 37.5 | 10.2 | 1.2         | 40                    | 400          | 0.18          | 9.0              | 13.2        | 1.35      | DLW106K1MX3*C4K000 |
| 12.0               | 1100                   | 10         | 42.5           | 37.0 | 22.0 | 37.5 | -    | 1.0         | 40                    | 480          | 0.18          | 9.5              | 12.0        | 1.50      | DLW126K1MX3*B2A000 |
| 12.0               | 1100                   | 10         | 42.5           | 37.0 | 22.0 | 37.5 | 10.2 | 1.2         | 40                    | 480          | 0.18          | 10.0             | 10.8        | 1.35      | DLW126K1MX3*C4K000 |
| 12.0               | 1100                   | 10         | 42.5           | 39.5 | 20.0 | 37.5 | -    | 1.0         | 40                    | 480          | 0.18          | 9.5              | 9.6         | 1.50      | DLW126K1MX3*B2A001 |

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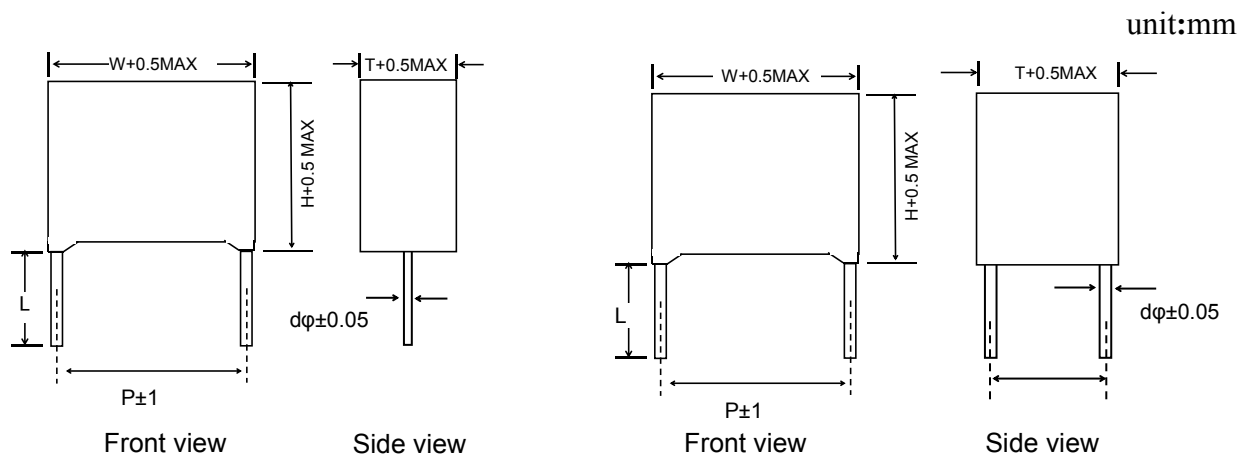
|            |               |           |
|------------|---------------|-----------|
| Type : DLW | Specification | Dimension |
|------------|---------------|-----------|



| CAP.<br>( $\mu F$ ) | VR (70<br>°C)<br>(VDC) | TOL.<br>±% | Dimensions(mm) |      |      |      |      |             | dv/dt<br>(v/μs) | I <sub>peak</sub><br>(A) | 1KHzDF<br>(%) | 10KHz                         |             |           | SCC<br>P/N         |
|---------------------|------------------------|------------|----------------|------|------|------|------|-------------|-----------------|--------------------------|---------------|-------------------------------|-------------|-----------|--------------------|
|                     |                        |            | W              | H    | T    | P    | P1   | dφ<br>±0.05 |                 |                          |               | I <sub>rms</sub> (A)<br>@70°C | ESR<br>(mΩ) | DF<br>(%) |                    |
| 15.0                | 1100                   | 10         | 42.5           | 44.0 | 24.0 | 37.5 | -    | 1.0         | 40              | 600                      | 0.18          | 11.0                          | 8.4         | 1.50      | DLW156K1MX3*B2A000 |
| 15.0                | 1100                   | 10         | 42.5           | 44.0 | 24.0 | 37.5 | 10.2 | 1.2         | 40              | 600                      | 0.18          | 12.0                          | 8.4         | 1.35      | DLW156K1MX3*C4K000 |
| 18.0                | 1100                   | 10         | 42.5           | 45.0 | 30.0 | 37.5 | -    | 1.2         | 40              | 720                      | 0.18          | 12.5                          | 8.4         | 1.50      | DLW186K1MX3*C2A000 |
| 18.0                | 1100                   | 10         | 42.5           | 45.0 | 30.0 | 37.5 | 20.3 | 1.2         | 40              | 720                      | 0.18          | 13.5                          | 7.2         | 1.35      | DLW186K1MX3*C4M000 |
| 20.0                | 1100                   | 10         | 42.5           | 45.0 | 30.0 | 37.5 | -    | 1.2         | 40              | 800                      | 0.18          | 14.0                          | 7.8         | 1.50      | DLW206K1MX3*C2A000 |
| 20.0                | 1100                   | 10         | 42.5           | 45.0 | 30.0 | 37.5 | 20.3 | 1.2         | 40              | 800                      | 0.18          | 15.5                          | 6.5         | 1.35      | DLW206K1MX3*C4M000 |
| 20.0                | 1100                   | 10         | 57.0           | 45.0 | 25.0 | 52.5 | -    | 1.2         | 20              | 400                      | 0.28          | 9.5                           | 14.4        | 3.00      | DLW206K1MX5*C2A000 |
| 20.0                | 1100                   | 10         | 57.0           | 45.0 | 25.0 | 52.5 | 10.2 | 1.2         | 20              | 400                      | 0.28          | 10.0                          | 13.2        | 2.78      | DLW206K1MX5*C4K000 |
| 25.0                | 1100                   | 10         | 57.0           | 45.0 | 25.0 | 52.5 | -    | 1.2         | 20              | 500                      | 0.28          | 11.0                          | 12.0        | 3.00      | DLW256K1MX5*C2A000 |
| 25.0                | 1100                   | 10         | 57.0           | 45.0 | 25.0 | 52.5 | 10.2 | 1.2         | 20              | 500                      | 0.28          | 11.5                          | 10.8        | 2.78      | DLW256K1MX5*C4K000 |
| 30.0                | 1100                   | 10         | 57.0           | 45.0 | 30.0 | 52.5 | -    | 1.2         | 20              | 600                      | 0.28          | 12.5                          | 9.6         | 3.00      | DLW306K1MX5*C2A000 |
| 30.0                | 1100                   | 10         | 57.0           | 45.0 | 30.0 | 52.5 | 20.3 | 1.2         | 20              | 600                      | 0.28          | 13.0                          | 8.4         | 2.78      | DLW306K1MX5*C4M000 |
| 35.0                | 1100                   | 10         | 57.0           | 50.0 | 35.0 | 52.5 | -    | 1.2         | 20              | 700                      | 0.28          | 14.5                          | 8.4         | 3.00      | DLW356K1MX5*C2A000 |
| 35.0                | 1100                   | 10         | 57.0           | 50.0 | 35.0 | 52.5 | 20.3 | 1.2         | 20              | 700                      | 0.28          | 15.5                          | 7.8         | 2.78      | DLW356K1MX5*C4M000 |
| 40.0                | 1100                   | 10         | 57.0           | 50.0 | 35.0 | 52.5 | -    | 1.2         | 20              | 800                      | 0.28          | 15.5                          | 7.8         | 3.00      | DLW406K1MX5*C2A000 |
| 40.0                | 1100                   | 10         | 57.0           | 50.0 | 35.0 | 52.5 | 20.3 | 1.2         | 20              | 800                      | 0.28          | 17.0                          | 7.0         | 2.78      | DLW406K1MX5*C4M000 |
| 45.0                | 1100                   | 10         | 57.0           | 55.0 | 35.0 | 52.5 | -    | 1.2         | 20              | 900                      | 0.28          | 16.0                          | 7.7         | 3.00      | DLW456K1MX5*C2A000 |
| 45.0                | 1100                   | 10         | 57.0           | 55.0 | 35.0 | 52.5 | 20.3 | 1.2         | 20              | 900                      | 0.28          | 16.5                          | 7.0         | 2.78      | DLW456K1MX5*C4M000 |
| 50.0                | 1100                   | 10         | 57.0           | 55.0 | 40.0 | 52.5 | 20.3 | 1.2         | 20              | 1000                     | 0.28          | 18.5                          | 5.6         | 2.78      | DLW506K1MX5*C4M000 |
|                     |                        |            |                |      |      |      |      |             |                 |                          |               |                               |             |           |                    |
|                     |                        |            |                |      |      |      |      |             |                 |                          |               |                               |             |           |                    |
|                     |                        |            |                |      |      |      |      |             |                 |                          |               |                               |             |           |                    |
|                     |                        |            |                |      |      |      |      |             |                 |                          |               |                               |             |           |                    |
|                     |                        |            |                |      |      |      |      |             |                 |                          |               |                               |             |           |                    |
|                     |                        |            |                |      |      |      |      |             |                 |                          |               |                               |             |           |                    |

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| Type : DLW | Specification | Dimension |
|------------|---------------|-----------|
|------------|---------------|-----------|

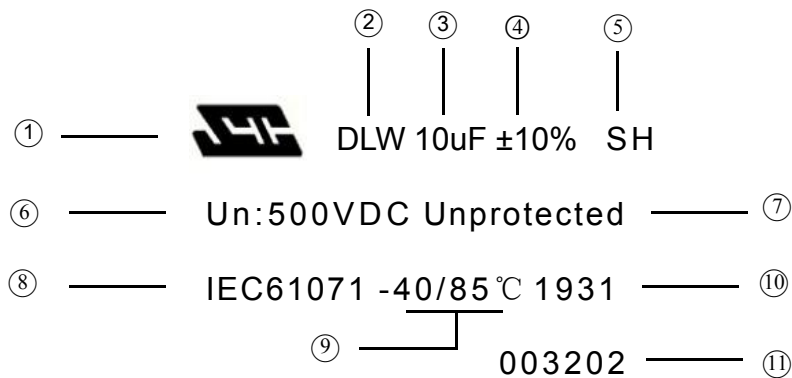


| CAP.<br>( $\mu F$ ) | VR (70<br>°C)<br>(VDC) | TOL.<br>±% | Dimensions(mm) |      |      |      |      |             | dv/dt<br>(v/ $\mu s$ ) | I <sub>peak</sub><br>(A) | 1KHzD<br>F<br>(%) | 10KHz                         |             |       | SCC<br>P/N         |
|---------------------|------------------------|------------|----------------|------|------|------|------|-------------|------------------------|--------------------------|-------------------|-------------------------------|-------------|-------|--------------------|
|                     |                        |            | W              | H    | T    | P    | P1   | dφ<br>±0.05 |                        |                          |                   | I <sub>rms</sub> (A)<br>@70°C | ESR<br>(mΩ) | DF(%) |                    |
| 0.82                | 1300                   | 10         | 32.0           | 18.5 | 10.0 | 27.5 | -    | 0.8         | 95                     | 77.9                     | 0.10              | 2.7                           | 69.0        | 0.68  | DLW824K2MX2*A2A000 |
| 1.0                 | 1300                   | 10         | 32.0           | 20.0 | 11.0 | 27.5 | -    | 0.8         | 95                     | 95                       | 0.10              | 3.0                           | 54.6        | 0.68  | DLW105K2MX2*A2A000 |
| 1.5                 | 1300                   | 10         | 32.0           | 22.0 | 13.0 | 27.5 | -    | 0.8         | 95                     | 142.5                    | 0.10              | 4.0                           | 42.0        | 0.68  | DLW155K2MX2*A2A000 |
| 2.0                 | 1300                   | 10         | 32.0           | 25.0 | 14.0 | 27.5 | -    | 0.8         | 95                     | 190                      | 0.10              | 4.5                           | 27.6        | 0.6   | DLW205K2MX2*A2A000 |
| 3.0                 | 1300                   | 10         | 32.0           | 26.0 | 18.0 | 27.5 | -    | 0.8         | 95                     | 285                      | 0.10              | 6.0                           | 18.6        | 0.68  | DLW305K2MX2*A2A000 |
| 4.0                 | 1300                   | 10         | 32.0           | 30.5 | 20.0 | 27.5 | -    | 0.8         | 95                     | 380                      | 0.10              | 8.0                           | 13.8        | 0.68  | DLW405K2MX2*A2A000 |
| 4.0                 | 1300                   | 10         | 32.0           | 30.5 | 20.0 | 27.5 | 10.2 | 0.8         | 95                     | 380                      | 0.10              | 9.0                           | 12.6        | 0.68  | DLW405K2MX2*A4K000 |
| 4.0                 | 1300                   | 10         | 32.0           | 33.0 | 18.0 | 27.5 | -    | 0.8         | 95                     | 380                      | 0.10              | 9.0                           | 12.6        | 0.68  | DLW405K2MX2*A2A001 |
| 5.0                 | 1300                   | 10         | 32.0           | 35.0 | 21.0 | 27.5 | -    | 0.8         | 95                     | 475                      | 0.10              | 9.0                           | 11.4        | 0.68  | DLW505K2MX2*A2A000 |
| 5.0                 | 1300                   | 10         | 32.0           | 35.0 | 21.0 | 27.5 | 10.2 | 0.8         | 95                     | 475                      | 0.10              | 9.5                           | 10.8        | 0.68  | DLW505K2MX2*A4K000 |
| 2.0                 | 1300                   | 10         | 42.5           | 26.0 | 14.5 | 37.5 | -    | 1.0         | 45                     | 90                       | 0.15              | 4.0                           | 48.0        | 1.35  | DLW205K2MX3*B2A000 |
| 3.0                 | 1300                   | 10         | 42.5           | 26.0 | 14.5 | 37.5 | -    | 1.0         | 45                     | 135                      | 0.15              | 5.0                           | 32.4        | 1.35  | DLW305K2MX3*B2A000 |
| 4.0                 | 1300                   | 10         | 42.5           | 28.5 | 16.0 | 37.5 | -    | 1.0         | 45                     | 180                      | 0.15              | 6.0                           | 26.4        | 1.35  | DLW405K2MX3*B2A000 |
| 5.0                 | 1300                   | 10         | 42.5           | 30.0 | 17.0 | 37.5 | -    | 1.0         | 45                     | 225                      | 0.15              | 6.5                           | 21.6        | 1.35  | DLW505K2MX3*B2A000 |
| 6.0                 | 1300                   | 10         | 42.5           | 36.0 | 19.0 | 37.5 | -    | 1.0         | 45                     | 270                      | 0.15              | 7.0                           | 18.0        | 1.35  | DLW605K2MX3*B2A000 |
| 7.0                 | 1300                   | 10         | 42.5           | 36.0 | 19.0 | 37.5 | -    | 1.0         | 45                     | 315                      | 0.15              | 8.0                           | 15.6        | 1.35  | DLW705K2MX3*B2A000 |
| 8.0                 | 1300                   | 10         | 42.5           | 37.0 | 22.0 | 37.5 | -    | 1.0         | 45                     | 360                      | 0.15              | 9.0                           | 14.3        | 1.35  | DLW805K2MX3*B2A000 |
| 8.0                 | 1300                   | 10         | 42.5           | 37.0 | 22.0 | 37.5 | 10.2 | 1.2         | 45                     | 360                      | 0.15              | 9.5                           | 13.0        | 1.20  | DLW805K2MX3*C4K000 |
| 9.0                 | 1300                   | 10         | 42.5           | 39.0 | 22.0 | 37.5 | -    | 1.0         | 45                     | 405                      | 0.15              | 10.0                          | 13.0        | 1.35  | DLW905K2MX3*B2A000 |
| 9.0                 | 1300                   | 10         | 42.5           | 39.0 | 22.0 | 37.5 | 10.2 | 1.2         | 45                     | 405                      | 0.15              | 10.5                          | 11.7        | 1.20  | DLW905K2MX3*C4K000 |
| 10.0                | 1300                   | 10         | 42.5           | 37.0 | 28.0 | 37.5 | -    | 1.0         | 45                     | 450                      | 0.15              | 10.5                          | 13.0        | 1.35  | DLW106K2MX3*B2A001 |
| 10.0                | 1300                   | 10         | 42.5           | 37.0 | 28.0 | 37.5 | 10.2 | 1.2         | 45                     | 450                      | 0.15              | 11.0                          | 11.7        | 1.20  | DLW106K2MX3*C4K001 |
| 10.0                | 1300                   | 10         | 42.5           | 44.0 | 24.0 | 37.5 | -    | 1.0         | 45                     | 450                      | 0.15              | 10.5                          | 12.6        | 1.35  | DLW106K2MX3*B2A000 |
| 10.0                | 1300                   | 10         | 42.5           | 44.0 | 24.0 | 37.5 | 10.2 | 1.2         | 45                     | 450                      | 0.15              | 11.0                          | 11.2        | 1.20  | DLW106K2MX3*C4K000 |
| 12.0                | 1300                   | 10         | 42.5           | 45.0 | 30.0 | 37.5 | -    | 1.0         | 45                     | 540                      | 0.15              | 12.5                          | 10.5        | 1.35  | DLW126K2MX3*B2A000 |
| 12.0                | 1300                   | 10         | 42.5           | 45.0 | 30.0 | 37.5 | 20.3 | 1.2         | 45                     | 540                      | 0.15              | 13.5                          | 9.1         | 1.20  | DLW126K2MX3*C4M000 |
| 14.0                | 1300                   | 10         | 42.5           | 45.0 | 30.0 | 37.5 | -    | 1.0         | 45                     | 630                      | 0.15              | 13.5                          | 10.5        | 1.35  | DLW146K2MX3*B2A000 |

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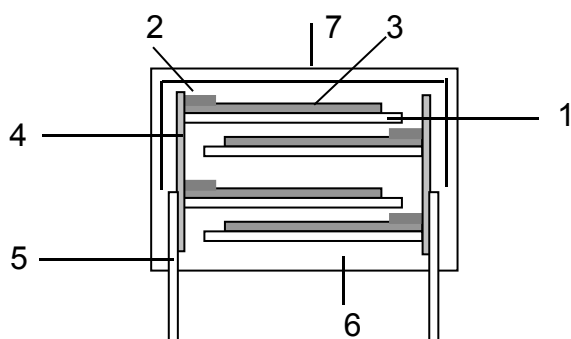


## Marking



- ① Company Logo: **SCC**   
- ② Part Name
- ③ Rated Capacitance
- ④ Capacitance Tolerance
- ⑤ Self-healing
- ⑥  $V_R (70^\circ\text{C})$
- ⑦ Without protective device
- ⑧ standard
- ⑨ Operating temperature
- ⑩ Date Code (1931; week 31 of 2019)
- ⑪ Production batch number

## Construction



- 1.Plain polypropylene
- 2.Zn
- 3.Al
4. Metal spray (Zn+ Tin/Zn)
5. Lead wire (Tin-plated copper wire)
6. Epoxy resin. (UL94V-0、B)
7. PBT Case. (UL94V-0、B)

| Type : DLW Specification |                                       |                                                            |                                                                                                                                                                                                                                                                                                        | Electrical Characteristics |                                                                                                                  |                       |          |     |                            |     |      |      |                 |     |     |     |      |      |                   |     |     |     |     |      |                       |  |
|--------------------------|---------------------------------------|------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------|------------------------------------------------------------------------------------------------------------------|-----------------------|----------|-----|----------------------------|-----|------|------|-----------------|-----|-----|-----|------|------|-------------------|-----|-----|-----|-----|------|-----------------------|--|
| No                       | 項 目<br>Item                           |                                                            | 性 能<br>Performance                                                                                                                                                                                                                                                                                     |                            | 條 件<br>Test Conditions                                                                                           |                       |          |     | 參考標準<br>Reference Standard |     |      |      |                 |     |     |     |      |      |                   |     |     |     |     |      |                       |  |
| 1                        | 使用溫度範圍<br>Operating Temperature Range |                                                            | -40℃ ～ +110℃<br>(+85℃ to 110℃:decreasing<br>Factor 1.5% per℃ for Undc at 85℃                                                                                                                                                                                                                           |                            |                                                                                                                  |                       |          |     | IEC61071:20<br>17 4.1.2    |     |      |      |                 |     |     |     |      |      |                   |     |     |     |     |      |                       |  |
| 2                        | 額 定 電 壓<br>Rated voltage              |                                                            | <table><tr><td>VR (VDC)</td><td>500</td><td>800</td><td>900</td><td>1100</td><td>1300</td></tr><tr><td>VR at 70℃ (*DC)</td><td>500</td><td>800</td><td>900</td><td>1100</td><td>1300</td></tr><tr><td>Undc at 85℃ (*DC)</td><td>450</td><td>700</td><td>800</td><td>900</td><td>1100</td></tr></table> |                            |                                                                                                                  |                       | VR (VDC) | 500 | 800                        | 900 | 1100 | 1300 | VR at 70℃ (*DC) | 500 | 800 | 900 | 1100 | 1300 | Undc at 85℃ (*DC) | 450 | 700 | 800 | 900 | 1100 | IEC61071:20<br>17 3.0 |  |
| VR (VDC)                 | 500                                   | 800                                                        | 900                                                                                                                                                                                                                                                                                                    | 1100                       | 1300                                                                                                             |                       |          |     |                            |     |      |      |                 |     |     |     |      |      |                   |     |     |     |     |      |                       |  |
| VR at 70℃ (*DC)          | 500                                   | 800                                                        | 900                                                                                                                                                                                                                                                                                                    | 1100                       | 1300                                                                                                             |                       |          |     |                            |     |      |      |                 |     |     |     |      |      |                   |     |     |     |     |      |                       |  |
| Undc at 85℃ (*DC)        | 450                                   | 700                                                        | 800                                                                                                                                                                                                                                                                                                    | 900                        | 1100                                                                                                             |                       |          |     |                            |     |      |      |                 |     |     |     |      |      |                   |     |     |     |     |      |                       |  |
| 3                        | 耐電壓<br>Withstand voltage              | 端子間<br>Between Terminals                                   | 無 異 常<br>No abnormality.                                                                                                                                                                                                                                                                               |                            | Undc x 150% 10 sec                                                                                               |                       |          |     | IEC61071:20<br>17 5.5      |     |      |      |                 |     |     |     |      |      |                   |     |     |     |     |      |                       |  |
|                          |                                       | Undc x 200% +1000*,<br>10 sec                              |                                                                                                                                                                                                                                                                                                        |                            |                                                                                                                  | IEC61071:20<br>17 5.6 |          |     |                            |     |      |      |                 |     |     |     |      |      |                   |     |     |     |     |      |                       |  |
| 4                        | 絕 緣 阻 抗<br>Insulation Resistance      |                                                            | ≧ 10,000 S                                                                                                                                                                                                                                                                                             |                            | Charge time: 60 ±5sec.<br>Charge voltage: 100*DC<br>Test Temp: 20℃                                               |                       |          |     |                            |     |      |      |                 |     |     |     |      |      |                   |     |     |     |     |      |                       |  |
| 5                        | 靜 電 容 量<br>Capacitance                |                                                            | 於 指 定 範 圍 內<br>Within specified tolerance                                                                                                                                                                                                                                                              |                            | at 1 KHz ±10%<br>Measure voltage at 1 Vrms<br>Test temp: 20℃                                                     |                       |          |     | IEC61071:201<br>7 5.3.2    |     |      |      |                 |     |     |     |      |      |                   |     |     |     |     |      |                       |  |
| 6                        | 散 逸 因 數<br>Dissipation Factor         |                                                            | 參考 DIMENSION 表                                                                                                                                                                                                                                                                                         |                            | Measure voltage at 1 Vrms<br>Test temp: 20℃                                                                      |                       |          |     | IEC61071:201<br>7 5.4      |     |      |      |                 |     |     |     |      |      |                   |     |     |     |     |      |                       |  |
| 7                        | 端子強度<br>Terminal Strength             | 抗拉強度<br>Pull Strength                                      | 端 子 不 鬆 斷<br>No cutting or slack of terminals                                                                                                                                                                                                                                                          |                            | Wire diameter: 0.6&0.8 mm<br>Load: 1 kg, time: 10 sec.<br>Wire diameter: 1.0& 1.2mm<br>Load: 2 kg, time: 20 sec. |                       |          |     | IEC61071:20<br>17 5.14.1   |     |      |      |                 |     |     |     |      |      |                   |     |     |     |     |      |                       |  |
|                          |                                       | Wire diameter: 0.6 & 0.8 mm<br>1.0 & 1.2mm<br>90° x 4 time |                                                                                                                                                                                                                                                                                                        |                            |                                                                                                                  |                       |          |     |                            |     |      |      |                 |     |     |     |      |      |                   |     |     |     |     |      |                       |  |
| 8                        | 耐 震 性<br>Vibration Proof              |                                                            | 無 明 顯 異 常<br>No abnormality of the appearance                                                                                                                                                                                                                                                          |                            | Frequency range:10-55-10-55 Hz<br>Amplitude: 0.75mm,<br>2 hrs/direction for 3 directions                         |                       |          |     | IEC61071:201<br>7 5.14.3   |     |      |      |                 |     |     |     |      |      |                   |     |     |     |     |      |                       |  |
| 9                        | 穩態濕熱試驗<br>Damp heat<br>Steady state   | 外 觀<br>Appearance                                          | 無 明 顯 異 常<br>No abnormality on appearance                                                                                                                                                                                                                                                              |                            | Humidity: 93±3% RH<br>Temperature: +40 ±2℃<br>Duration: 1344 hrs +24/-0 hrs                                      |                       |          |     | IEC61071:201<br>7 5.13.2   |     |      |      |                 |     |     |     |      |      |                   |     |     |     |     |      |                       |  |
|                          |                                       | 耐 電 壓<br>Withstand voltage                                 | 依 項 目 3<br>Comply with item 3                                                                                                                                                                                                                                                                          |                            |                                                                                                                  |                       |          |     |                            |     |      |      |                 |     |     |     |      |      |                   |     |     |     |     |      |                       |  |
|                          |                                       | 絕緣阻抗<br>Insulation Resistance                              | 50% of minimum specified value                                                                                                                                                                                                                                                                         |                            |                                                                                                                  |                       |          |     |                            |     |      |      |                 |     |     |     |      |      |                   |     |     |     |     |      |                       |  |
|                          |                                       | 靜電容量變化率<br>Capacitance Change                              | △C/C≧± 2%<br>Within ±2%                                                                                                                                                                                                                                                                                |                            |                                                                                                                  |                       |          |     |                            |     |      |      |                 |     |     |     |      |      |                   |     |     |     |     |      |                       |  |
|                          |                                       | 散 逸 因 數<br>Dissipation Factor                              | 於 項 目 6 範 圍 以 內<br>Within spec of item 6 above.                                                                                                                                                                                                                                                        |                            |                                                                                                                  |                       |          |     |                            |     |      |      |                 |     |     |     |      |      |                   |     |     |     |     |      |                       |  |

| Type : DLW Specification      |                                                 |                                      |                                                 | Electrical Characteristics                                                                                                                                                                                                                                                                                                                                                                           |  |                            |      |      |   |        |    |   |        |    |                           |
|-------------------------------|-------------------------------------------------|--------------------------------------|-------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|----------------------------|------|------|---|--------|----|---|--------|----|---------------------------|
| No                            | 項 目<br>Item                                     |                                      | 性 能<br>Performance                              | 條 件<br>Test Conditions                                                                                                                                                                                                                                                                                                                                                                               |  | 參考標準<br>Reference Standard |      |      |   |        |    |   |        |    |                           |
| 10                            | 冷熱衝擊<br>Rapid change of Temp                    | 外 觀<br>Appearance                    | 無 明 顯 異 常<br>No abnormality on appearance       | <div>Total: 5 cycles</div> <table><tr><td>Step</td><td>temp</td><td>time</td></tr><tr><td>1</td><td>-40±3℃</td><td>3H</td></tr><tr><td>2</td><td>+85±3℃</td><td>3H</td></tr></table> <div>Measure after exposing at normal state for 1-2 hrs.</div>                                                                                                                                                  |  | Step                       | temp | time | 1 | -40±3℃ | 3H | 2 | +85±3℃ | 3H | IEC<br>61071:2017<br>5.13 |
|                               |                                                 | Step                                 | temp                                            |                                                                                                                                                                                                                                                                                                                                                                                                      |  | time                       |      |      |   |        |    |   |        |    |                           |
|                               |                                                 | 1                                    | -40±3℃                                          |                                                                                                                                                                                                                                                                                                                                                                                                      |  | 3H                         |      |      |   |        |    |   |        |    |                           |
|                               |                                                 | 2                                    | +85±3℃                                          |                                                                                                                                                                                                                                                                                                                                                                                                      |  | 3H                         |      |      |   |        |    |   |        |    |                           |
|                               |                                                 | 耐 電 壓<br>Withstand voltage           | 依 項 目 3 Comply with item 3                      |                                                                                                                                                                                                                                                                                                                                                                                                      |  |                            |      |      |   |        |    |   |        |    |                           |
| 絕緣阻抗<br>Insulation Resistance | 50% of minimum specified value                  |                                      |                                                 |                                                                                                                                                                                                                                                                                                                                                                                                      |  |                            |      |      |   |        |    |   |        |    |                           |
| 靜電容量變化率<br>Capacitance Change | △C/C≤±2%<br>Within ±2%                          |                                      |                                                 |                                                                                                                                                                                                                                                                                                                                                                                                      |  |                            |      |      |   |        |    |   |        |    |                           |
| 散逸因數<br>Dissipation Factor    | 於 項 目 6 範 圍 以 內<br>Within spec of item 6 above. |                                      |                                                 |                                                                                                                                                                                                                                                                                                                                                                                                      |  |                            |      |      |   |        |    |   |        |    |                           |
| 11                            | 自愈性<br>Self healing test                        | 外 觀<br>Appearance                    | 無 明 顯 異 常<br>No abnormality on appearance       | <div>Voltage: 1.5Undc<br/>Duration: 10s</div> <div>If fewer than five clearing occur during this time, the voltage shall be increased slowly until five clearings have occurred since the start of the test or until the voltage has reached 2.5Undc</div> <div>If fewer than five clearings ha*e occurred when the voltage has reached 2.5 Un , for a time of 10s,the test shall be finished.</div> |  | IEC<br>61071:2017<br>5.11  |      |      |   |        |    |   |        |    |                           |
|                               |                                                 | 耐 電 壓<br>Withstand voltage           | 依 項 目 3<br>Comply with item 3                   |                                                                                                                                                                                                                                                                                                                                                                                                      |  |                            |      |      |   |        |    |   |        |    |                           |
|                               |                                                 | 絕緣阻抗<br>Insulation Resistance        | 50% of minimum specified value                  |                                                                                                                                                                                                                                                                                                                                                                                                      |  |                            |      |      |   |        |    |   |        |    |                           |
|                               |                                                 | 靜電容量變化率<br>Capacitance Change        | △C/C ≤±0.5%<br>Within ±0.5%                     |                                                                                                                                                                                                                                                                                                                                                                                                      |  |                            |      |      |   |        |    |   |        |    |                           |
|                               |                                                 | 散逸因數<br>Dissipation Factor           | ≤ 1.1K initial tan + 0.01 %                     |                                                                                                                                                                                                                                                                                                                                                                                                      |  |                            |      |      |   |        |    |   |        |    |                           |
| 12                            | 衝擊放電試驗<br>Impact discharge test                 | 外 觀<br>Appearance                    | 無 明 顯 異 常<br>No abnormality on appearance       | <div>1.1 x Undc<br/>1.2 Number of discharges: 5<br/>Time lapse: e*ery 2 min (10 min total)</div>                                                                                                                                                                                                                                                                                                     |  | IEC<br>61071:2017<br>5.9   |      |      |   |        |    |   |        |    |                           |
|                               |                                                 | 耐 電 壓<br>Withstand voltage           | 依 項 目 3<br>Comply with item 3                   |                                                                                                                                                                                                                                                                                                                                                                                                      |  |                            |      |      |   |        |    |   |        |    |                           |
|                               |                                                 | 絕緣阻抗<br>Insulation Resistance        | 50% of minimum specified *alue                  |                                                                                                                                                                                                                                                                                                                                                                                                      |  |                            |      |      |   |        |    |   |        |    |                           |
|                               |                                                 | 靜電容量變化率<br>Capacitance Change        | △C/C≤±1%<br>Within ±1%                          |                                                                                                                                                                                                                                                                                                                                                                                                      |  |                            |      |      |   |        |    |   |        |    |                           |
|                               |                                                 | 散逸因數<br>Dissipation Factor           | ≤ 1.2 K initial tan + 0.01 %                    |                                                                                                                                                                                                                                                                                                                                                                                                      |  |                            |      |      |   |        |    |   |        |    |                           |
| 13                            | 高溫負荷<br>Endurance Test                          | 外 觀<br>Appearance                    | 無 明 顯 異 常<br>No abnormality on appearance       | <div>Temperature: +85 ±2℃<br/>Applied voltage 130%x Undc<br/>Duration: 1000 +48 /-0 hrs</div> <div>Measure after exposing at normal state for 4 hrs.</div>                                                                                                                                                                                                                                           |  | IEC<br>61071:2017<br>5.15  |      |      |   |        |    |   |        |    |                           |
|                               |                                                 | 耐 電 壓<br>Withstand voltage           | 依 項 目 3<br>Comply with item 3                   |                                                                                                                                                                                                                                                                                                                                                                                                      |  |                            |      |      |   |        |    |   |        |    |                           |
|                               |                                                 | 絕緣阻抗<br>Insulation Resistance        | 50% of minimum specified value                  |                                                                                                                                                                                                                                                                                                                                                                                                      |  |                            |      |      |   |        |    |   |        |    |                           |
|                               |                                                 | 靜電容量變化率<br>Capacitance Change        | △C/C≤±10%<br>Within ±10%                        |                                                                                                                                                                                                                                                                                                                                                                                                      |  |                            |      |      |   |        |    |   |        |    |                           |
|                               |                                                 | 散逸因數變化量<br>Dissipation Factor Change | 於 項 目 6 範 圍 以 內<br>Within spec of item 6 above. |                                                                                                                                                                                                                                                                                                                                                                                                      |  |                            |      |      |   |        |    |   |        |    |                           |

| Type : DLW Specification |                                         |                                      | Electrical Characteristics                                              |                                                                                                                                                                                                                       |                            |
|--------------------------|-----------------------------------------|--------------------------------------|-------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------|
| No                       | 項 目<br>Item                             |                                      | 性 能<br>Performance                                                      | 條 件<br>Test Conditions                                                                                                                                                                                                | 參考標準<br>Reference Standard |
| 14                       | 高濕/負荷<br>試驗<br>Humidity<br>Bias<br>Test | 耐 電 壓<br>Withstand Voltage           | 依 項 目 3<br>Comply with item 3                                           | Humidity:90~95%RH<br>Temperature:40±2℃<br>Applied voltage100%×UNDC<br>Duration:1000±24hrs<br><br>Through series resistor of<br>20~1000Ω/v to the Capacitor<br><br>Measure after exposing at<br>Normal state for 4 hrs | AEC-Q200                   |
|                          |                                         | 絕 緣 阻 抗<br>Insulation Resistance     | 50% of minimum specified *alue                                          |                                                                                                                                                                                                                       |                            |
|                          |                                         | 靜電容量變化率<br>Capacitance Change        | $\Delta C/C \leq \pm 10\%$<br>Within $\pm 10\%$                         |                                                                                                                                                                                                                       |                            |
|                          |                                         | 散逸因數變化量<br>Dissipation Factor Change | $\Delta DF \leq 0.5\% \text{max}$<br>at 1KHz(20℃)                       |                                                                                                                                                                                                                       |                            |
| 15                       | Over voltages                           |                                      | 30% of on-load-during                                                   | 1.1 *R                                                                                                                                                                                                                | IEC<br>61071:2017<br>6.1   |
|                          |                                         |                                      | 30 min/day                                                              | 1.15 *R                                                                                                                                                                                                               |                            |
|                          |                                         |                                      | 5 min/day                                                               | 1.2 *R                                                                                                                                                                                                                |                            |
|                          |                                         |                                      | 1 min/day                                                               | 1.3 *R                                                                                                                                                                                                                |                            |
|                          |                                         |                                      | 30ms every time,1000 times<br>during the whole life of the<br>capacitor | 1.5 *R                                                                                                                                                                                                                |                            |

電容儲存條件:

溫度: +5 ~ +35℃

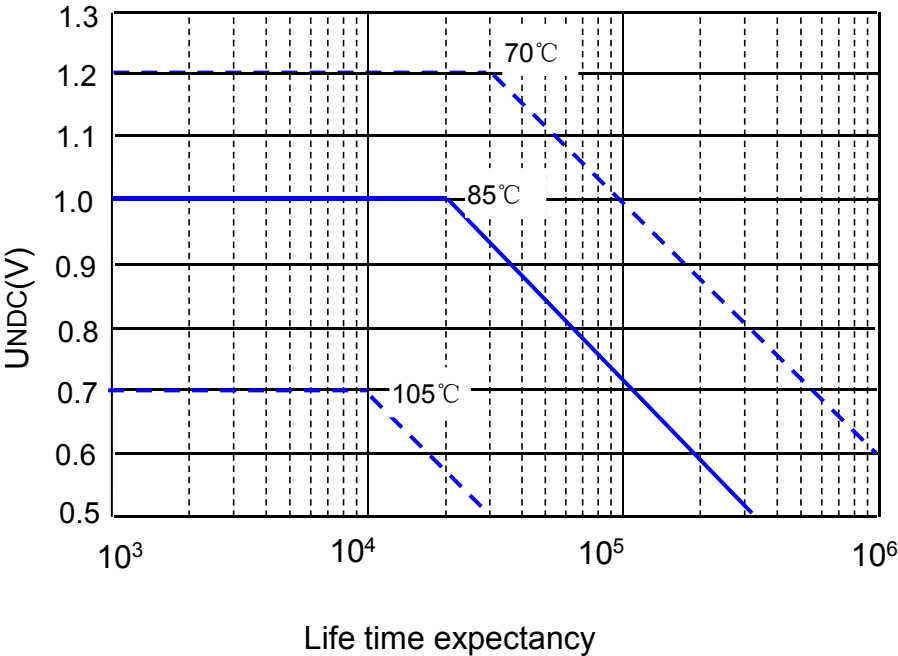
濕度:  $\leq 75\% \text{ RH}$

電容儲存時間:

依周期計算有效期: 兩年. (超出兩年產品電氣特性需重新選別及檢查產品外觀)

Strong Components Co.,Ltd

■ Life time expectancy    (typical curve)



■ Peak current and RMS current derating

Current derating

