

## EG Series

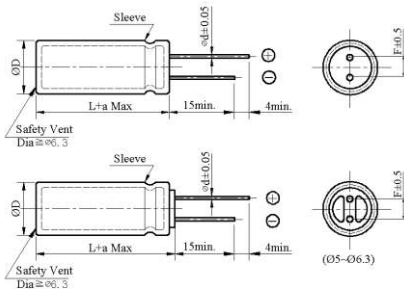
- Low impedance and High ripple current
- Load life 3,000 to 6,000 hours at 105°C



### ◆ SPECIFICATIONS

| Item   | Performance Characteristics  |                               |                             |                          |                               |                          |                               |        |       |                   |                   |       |       |       |       |      |      |         |       |
|--|--|-------------------------------|-----------------------------|--------------------------|-------------------------------|--------------------------|-------------------------------|--------|-------|-------------------|-------------------|-------|-------|-------|-------|------|------|---------|-------|
| Category Temperature Range                           | -55~ +105°C  |                               |                             |                          |                               |                          |                               |        |       |                   |                   |       |       |       |       |      |      |         |       |
| Working Voltage Range                                | 6.3 ~ 63Vdc  |                               |                             |                          |                               |                          |                               |        |       |                   |                   |       |       |       |       |      |      |         |       |
| Capacitance Range                                    | 10 ~ 10,000µF  |                               |                             |                          |                               |                          |                               |        |       |                   |                   |       |       |       |       |      |      |         |       |
| Capacitance Tolerance                                | ±20% (at 25°C and 120Hz)   |                               |                             |                          |                               |                          |                               |        |       |                   |                   |       |       |       |       |      |      |         |       |
| Dissipation Factor (tanδ) (at 25°C, 120Hz)           | <table border="1"> <tr> <td>Rated Voltage (V)</td> <td>6.3</td> <td>10</td> <td>16</td> <td>25</td> <td>35</td> <td>50</td> <td>63</td> </tr> <tr> <td>tanδ(Max)</td> <td>0.22</td> <td>0.19</td> <td>0.16</td> <td>0.14</td> <td>0.12</td> <td>0.10</td> <td>0.09</td> </tr> </table>   | Rated Voltage (V)             | 6.3                         | 10                       | 16                            | 25                       | 35                            | 50     | 63    | tanδ(Max)         | 0.22              | 0.19  | 0.16  | 0.14  | 0.12  | 0.10 | 0.09 |         |       |
|  | Rated Voltage (V)  | 6.3                           | 10                          | 16                       | 25                            | 35                       | 50                            | 63     |       |                   |                   |       |       |       |       |      |      |         |       |
| tanδ(Max)  | 0.22   | 0.19                          | 0.16                        | 0.14                     | 0.12                          | 0.10                     | 0.09                          |        |       |                   |                   |       |       |       |       |      |      |         |       |
| The above values should be increased                 |  |                               |                             |                          |                               |                          |                               |        |       |                   |                   |       |       |       |       |      |      |         |       |
| Leakage Current                                      | I=0.01CV or 3µA whichever is greater<br>I : Leakage current (µA) C : Rated capacitance (µF) V : Rated voltage (V)<br>Impress the rated voltage for 2 minutes   |                               |                             |                          |                               |                          |                               |        |       |                   |                   |       |       |       |       |      |      |         |       |
| Low Temperature Characteristics Impedance Ratio(MAX) | <table border="1"> <tr> <td>Rated voltage (V)</td> <td>6.3</td> <td>10</td> <td>16</td> <td>25</td> <td>35</td> <td>50</td> <td>63</td> </tr> <tr> <td>Z(-55°C)/Z(+20°C)</td> <td>4</td> <td>3</td> <td>3</td> <td>3</td> <td>3</td> <td>3</td> <td>3</td> </tr> </table>  | Rated voltage (V)             | 6.3                         | 10                       | 16                            | 25                       | 35                            | 50     | 63    | Z(-55°C)/Z(+20°C) | 4                 | 3     | 3     | 3     | 3     | 3    | 3    |         |       |
|  | Rated voltage (V)  | 6.3                           | 10                          | 16                       | 25                            | 35                       | 50                            | 63     |       |                   |                   |       |       |       |       |      |      |         |       |
| Z(-55°C)/Z(+20°C)                                    | 4  | 3                             | 3                           | 3                        | 3                             | 3                        | 3                             |        |       |                   |                   |       |       |       |       |      |      |         |       |
| (at 120Hz)   |  |                               |                             |                          |                               |                          |                               |        |       |                   |                   |       |       |       |       |      |      |         |       |
| Endurance  | The following specifications shall be satisfied when the capacitors are restored to 25°C after subjected to DC voltage with the rated ripple current is applied for 3,000~6,000 hours at 105°C   |                               |                             |                          |                               |                          |                               |        |       |                   |                   |       |       |       |       |      |      |         |       |
|  | <table border="1"> <tr> <td>Capacitance change</td> <td>≅ ±25% of the initial value</td> <td>Size</td> <td>Life time (hours)</td> </tr> <tr> <td>Dissipation factor(tanδ)</td> <td>≅ 200% of the specified value</td> <td>≅ 6.3Φ</td> <td>3,000</td> </tr> <tr> <td rowspan="2">Leakage current</td> <td rowspan="2">≅ specified value</td> <td>≅ 8 Φ</td> <td>4,000</td> </tr> <tr> <td>≅ 10Φ</td> <td>5,000</td> </tr> <tr> <td></td> <td></td> <td>≅ 12.5Φ</td> <td>6,000</td> </tr> </table> | Capacitance change            | ≅ ±25% of the initial value | Size                     | Life time (hours)             | Dissipation factor(tanδ) | ≅ 200% of the specified value | ≅ 6.3Φ | 3,000 | Leakage current   | ≅ specified value | ≅ 8 Φ | 4,000 | ≅ 10Φ | 5,000 |      |      | ≅ 12.5Φ | 6,000 |
|  | Capacitance change   | ≅ ±25% of the initial value   | Size                        | Life time (hours)        |                               |                          |                               |        |       |                   |                   |       |       |       |       |      |      |         |       |
|  | Dissipation factor(tanδ)   | ≅ 200% of the specified value | ≅ 6.3Φ                      | 3,000                    |                               |                          |                               |        |       |                   |                   |       |       |       |       |      |      |         |       |
| Leakage current                                      | ≅ specified value  | ≅ 8 Φ                         | 4,000                       |                          |                               |                          |                               |        |       |                   |                   |       |       |       |       |      |      |         |       |
|  |  | ≅ 10Φ                         | 5,000                       |                          |                               |                          |                               |        |       |                   |                   |       |       |       |       |      |      |         |       |
|  |  | ≅ 12.5Φ                       | 6,000                       |                          |                               |                          |                               |        |       |                   |                   |       |       |       |       |      |      |         |       |
| Shelf Life   | The following requirements shall be satisfied when the capacitor are restored to 25°C after exposing them for 1,000 hours at 105°C without voltage applied.  |                               |                             |                          |                               |                          |                               |        |       |                   |                   |       |       |       |       |      |      |         |       |
|  | <table border="1"> <tr> <td>Capacitance change</td> <td>≅ ±25% of the initial value</td> </tr> <tr> <td>Dissipation factor(tanδ)</td> <td>≅ 200% of the specified value</td> </tr> <tr> <td>Leakage current</td> <td>≅ 200% of the specified value</td> </tr> </table>   | Capacitance change            | ≅ ±25% of the initial value | Dissipation factor(tanδ) | ≅ 200% of the specified value | Leakage current          | ≅ 200% of the specified value |        |       |                   |                   |       |       |       |       |      |      |         |       |
|  | Capacitance change   | ≅ ±25% of the initial value   |                             |                          |                               |                          |                               |        |       |                   |                   |       |       |       |       |      |      |         |       |
| Dissipation factor(tanδ)                             | ≅ 200% of the specified value  |                               |                             |                          |                               |                          |                               |        |       |                   |                   |       |       |       |       |      |      |         |       |
| Leakage current                                      | ≅ 200% of the specified value  |                               |                             |                          |                               |                          |                               |        |       |                   |                   |       |       |       |       |      |      |         |       |
| Others   | Conforms to JIS-C-5101-4 (1998), characteristic W  |                               |                             |                          |                               |                          |                               |        |       |                   |                   |       |       |       |       |      |      |         |       |

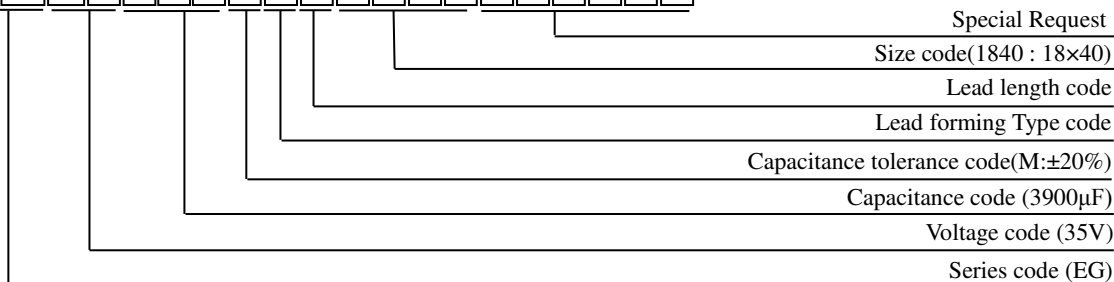
### ◆ DIMENSIONS (mm)



| ΦD | 5            | 6.3 | 8   | 10  | 12.5                            | 16          | 18  |
|----|--------------|-----|-----|-----|---------------------------------|-------------|-----|
| ΦD | ΦD + 0.5 Max |     |     |     |                                 |             |     |
| Φd | 0.5          | 0.5 | 0.6 | 0.6 | 0.6                             | 0.8         | 0.8 |
| F  | 2.0          | 2.5 | 3.5 | 5.0 | 5.0                             | 7.5         | 7.5 |
| a  | L + 1.5 Max  |     |     |     | ≅ 35 L+1.5Max<br>≅ 40 L+2.0 Max | L + 1.5 Max |     |

### ◆ PART NUMBER SYSTEM( Example : 35V 3900µF )

E G I V 3 9 2 M N N I 8 4 0



## Aluminum Electrolytic Capacitor

| Customer | Digi-Key | SERIES | EG | NO.: | PUBLISH DATE | 2022-03-25 |
|----------|----------|--------|----|------|--------------|------------|
|----------|----------|--------|----|------|--------------|------------|

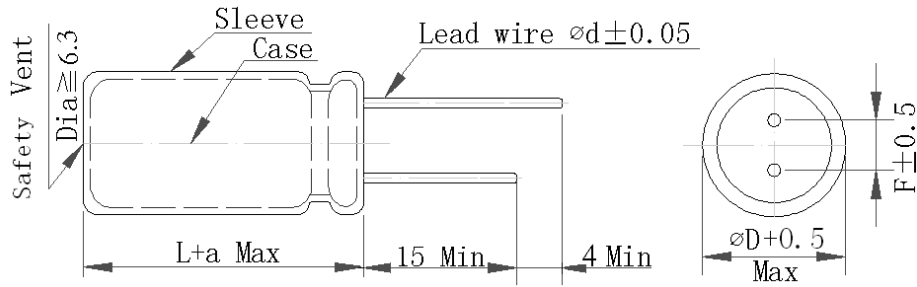


FIG-1

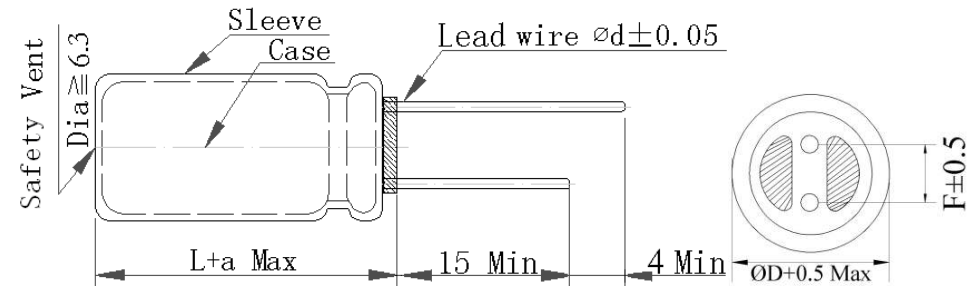


FIG-2

| No. | CHINSAN Part No.  | Customer Part No. | Capacitance (uF) | Tolerance On rated Capacitance (%) | Working Voltage (Vdc) | Surge Voltage (Vdc) | Category Temp Range (°C) | Tanδ @ 25°C (120Hz) (Max) | Leakage Current (uA) (2 min.) | Rated Ripple Current (mA rms) @ 105°C 100kHz | ESR @ 25°C (mΩ max/ 120Hz) | Impedance @ 20°C (mΩ max/ 100kHz) | Endurance @ 105°C (Hours) | Dimensions (mm) |    |   |   |     | Appearance Drawing No |
|-----|-------------------|-------------------|------------------|------------------------------------|-----------------------|---------------------|--------------------------|---------------------------|-------------------------------|--|----------------------------|-----------------------------------|---------------------------|-----------------|----|---|---|-----|-----------------------|
|     |                   |                   |                  |                                    |                       |                     |                          |                           |                               |  |                            |                                   |                           | DΦ              | L  | a | d | F   |                       |
| 1   | EG1C100MNN0511U   | /                 | 10 μF            | ±20%                               | 16 V                  | /                   | -55~+105                 | /                         | /                             | 50   | /                          | 2500                              | 3000                      | 5               | 11 | / | / | 2.0 | FIG-2                 |
| 2   | EG1E4R7MNN0511U   | /                 | 4.7 μF           | ±20%                               | 25 V                  | /                   | -55~+105                 | /                         | /                             | 120  | /                          | 1200                              | 3000                      | 5               | 11 | / | / | 2.0 | FIG-2                 |
| 3   | EG1E101MNN6311U   | /                 | 100 μF           | ±20%                               | 25 V                  | /                   | -55~+105                 | /                         | /                             | 340  | /                          | 250                               | 3000                      | 6.3             | 11 | / | / | 2.5 | FIG-2                 |
| 4   | EG1V560MNN6311U   | /                 | 56 μF            | ±20%                               | 35 V                  | /                   | -55~+105                 | /                         | /                             | 230  | /                          | 770                               | 3000                      | 6.3             | 11 | / | / | 2.5 | FIG-2                 |
| 5   | EG1H470MNN6311U   | /                 | 47 μF            | ±20%                               | 50 V                  | /                   | -55~+105                 | /                         | /                             | 220  | /                          | 400                               | 3000                      | 6.3             | 11 | / | / | 2.5 | FIG-2                 |
| 6   | EG1V221MNN0816    | /                 | 220 μF           | ±20%                               | 35 V                  | /                   | -55~+105                 | /                         | /                             | 840  | /                          | 130                               | 4000                      | 8               | 16 | / | / | 3.5 | FIG-1                 |
| 7   | EG1J471MNN1225EF7 | /                 | 470 μF           | ±20%                               | 63 V                  | /                   | -55~+105                 | /                         | /                             | 1720   | /                          | 70                                | 7000                      | 12.5            | 25 | / | / | 5   | FIG-1                 |
| 8   | EG1E222MNN1625EF8 | /                 | 2200 μF          | ±20%                               | 25 V                  | /                   | -55~+105                 | /                         | /                             | 2555   | /                          | 22                                | 8000                      | 16              | 25 | / | / | 7.5 | FIG-1                 |
| 9   | EG1V182MNN1625EF8 | /                 | 1800 μF          | ±20%                               | 35 V                  | /                   | -55~+105                 | /                         | /                             | 3080   | /                          | 22                                | 8000                      | 16              | 25 | / | / | 7.5 | FIG-1                 |



# Taiwan Chinsan Electronic Ind., Co., Ltd.

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TEL: +886 2 2995 0535 <http://www.chinsan.com/products/>

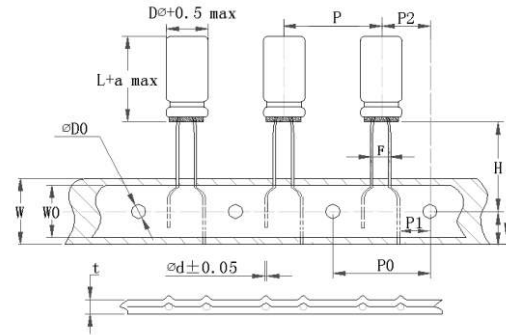
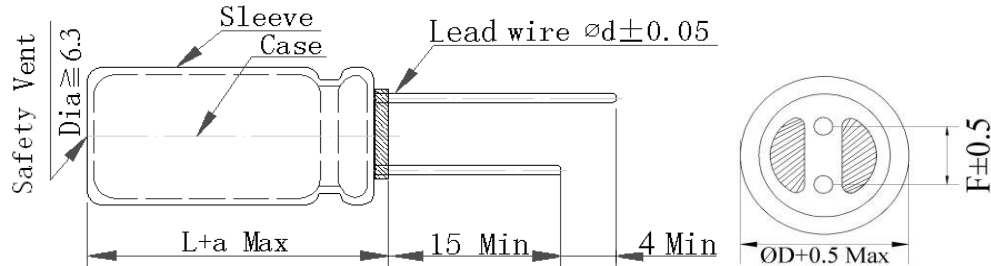
|    |                   |   |              |            |      |   |          |   |   |      |   |    |      |    |      |   |   |     |       |
|----|-------------------|---|--------------|------------|------|---|----------|---|---|------|---|----|------|----|------|---|---|-----|-------|
| 10 | EG1H102MNN1625EF8 | / | 1000 $\mu$ F | $\pm 20\%$ | 50 V | / | -55~+105 | / | / | 2555 | / | 34 | 8000 | 16 | 25   | / | / | 7.5 | FIG-1 |
| 11 | EG1H222MNN18P1EF8 | / | 2200 $\mu$ F | $\pm 20\%$ | 50 V | / | -55~+105 | / | / | 3100 | / | 23 | 8000 | 18 | 35.5 | / | / | 7.5 | FIG-1 |

※Test leakage current before testing dissipation factor and capacitance during the electric characteristic test.

| REMARKS:  | APPROVED BY | CHECKED BY | PREPARED BY |
|---|-------------|------------|-------------|
| 1.Sleeve Color: Brown.<br>2.Suffix U indicates convex rubber cover.<br>3.Suffix F7 indicates the life of the capacitor is 7000 hrs.<br>4.Suffix F8 indicates the life of the capacitor is 8000 hrs. | 张洪斌         | 曾爱娥        | 梁慧妍         |

## Aluminum Electrolytic Capacitor

| Customer | Digi-Key | SERIES | EG | NO.: | PUBLISH DATE | 2022-03-25 |
|----------|----------|--------|----|------|--------------|------------|
|----------|----------|--------|----|------|--------------|------------|



Unit (mm):  
P=12.7±1.0 H=18.5±0.5  
P0=12.7±0.2 P1=3.85±0.5  
P2=6.35±1.0 W =18.0±0.5  
W1=9.0±0.5 F=2.5+0.8/-0.2  
W0=12.5MIN ΦD0=4.0±0.2  
Φd=0.5±0.05 t=0.7±0.2

**Original**

**FIG-1**

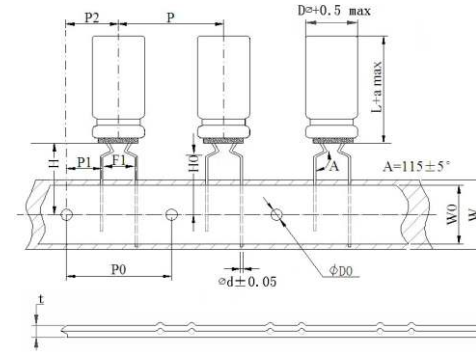
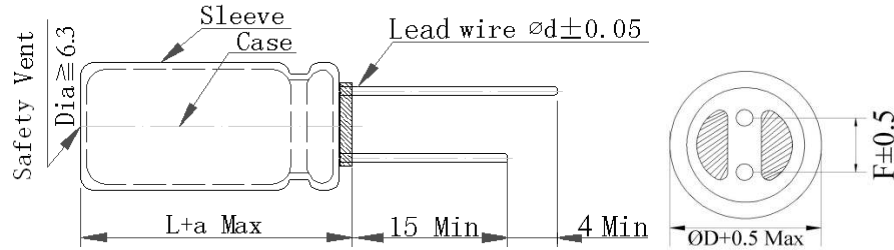
| No. | CHINSAN Part No. | Customer Part No. | Capacitance (uF) | Tolerance On rated Capacitance (%) | Working Voltage (Vdc) | Surge Voltage (Vdc) | Category Temp Range (°C) | Tanδ @ 25°C (120Hz) (Max) | Leakage Current (uA) (2 min.) | Rated Ripple Current (mA rms) @ 105°C 100kHz | ESR @25°C (mΩ max/ 120Hz) | Impedance @20°C (mΩ max/ 100kHz) | Endurance @ 105°C (Hours) | Dimensions (mm) |    |   |   |     | Appearance Drawing No |
|-----|------------------|-------------------|------------------|------------------------------------|-----------------------|---------------------|--------------------------|---------------------------|-------------------------------|--|---------------------------|----------------------------------|---------------------------|-----------------|----|---|---|-----|-----------------------|
|     |                  |                   |                  |                                    |                       |                     |                          |                           |                               |  |                           |                                  |                           | DΦ              | L  | a | d | F   |                       |
| 1   | EG1C470MP20511U  | /                 | 47 μF            | ±20%                               | 16 V                  | /                   | -55~+105                 | /                         | /                             | 120  | /                         | 900                              | 3000                      | 5               | 11 | / | / | 2.5 | FIG-1                 |
| 2   | EG1H100MP20511EU | /                 | 10 μF            | ±20%                               | 50 V                  | /                   | -55~+105                 | /                         | /                             | 105  | /                         | 1500                             | 3000                      | 5               | 11 | / | / | 2.5 | FIG-1                 |
| 3   | EG1H4R7MP20511EU | /                 | 4.7 μF           | ±20%                               | 50 V                  | /                   | -55~+105                 | /                         | /                             | 70   | /                         | 1500                             | 3000                      | 5               | 11 | / | / | 2.5 | FIG-1                 |
| 4   | EG1H220MP20511U  | /                 | 22 μF            | ±20%                               | 50 V                  | /                   | -55~+105                 | /                         | /                             | 180  | /                         | 1200                             | 3000                      | 5               | 11 | / | / | 2.5 | FIG-1                 |

※Test leakage current before testing dissipation factor and capacitance during the electric characteristic test.

| REMARKS:  | APPROVED BY | CHECKED BY | PREPARED BY |
|---|-------------|------------|-------------|
| 1.Sleeve Color: Brown.<br>2.Suffix U indicates convex rubber cover. | 张洪斌         | 曾爱娥        | 梁慧妍         |

## Aluminum Electrolytic Capacitor

|                 |                 |               |           |             |                     |                   |
|-----------------|-----------------|---------------|-----------|-------------|---------------------|-------------------|
| <b>Customer</b> | <b>Digi-Key</b> | <b>SERIES</b> | <b>EG</b> | <b>NO.:</b> | <b>PUBLISH DATE</b> | <b>2022-03-25</b> |
|-----------------|-----------------|---------------|-----------|-------------|---------------------|-------------------|



Unit(mm):  
P=12.7±1.0 H0=16.0±0.5  
P0=12.7±0.2 W =18.0±0.5  
P1=3.85±0.5 W0=12.5MIN  
P2=6.35±1.0 ΦD0=4.0±0.2  
F1=5.0+0.8/-0.2 H=18.5±0.5  
t=0.7±0.2

### Original

### FIG-1

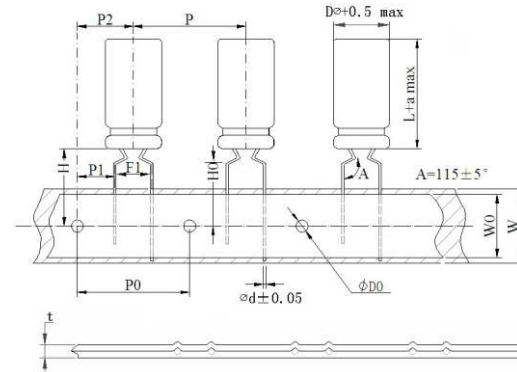
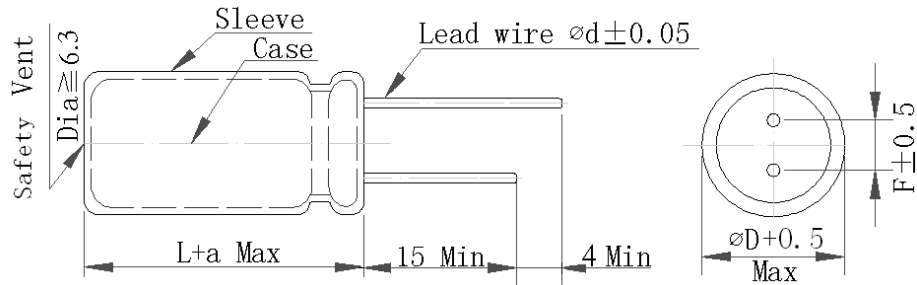
| No. | CHINSAN Part No.   | Customer Part No. | Capacitance (uF) | Tolerance On rated Capacitance (%) | Working Voltage (Vdc) | Surge Voltage (Vdc) | Category Temp Range (°C) | Tanδ @ 25°C (120Hz) (Max) | Leakage Current (uA) (2 min.) | Rated Ripple Current (mA rms) @ 105°C 100kHz | ESR @25°C (mΩ max/ 120Hz) | Impedance @20°C (mΩ max/ 100kHz) | Endurance @ 105°C (Hours) | Dimensions (mm) |    |   |   |   | Appearance Drawing No |
|-----|--------------------|-------------------|------------------|------------------------------------|-----------------------|---------------------|--------------------------|---------------------------|-------------------------------|--|---------------------------|----------------------------------|---------------------------|-----------------|----|---|---|---|-----------------------|
|     |                    |                   |                  |                                    |                       |                     |                          |                           |                               |  |                           |                                  |                           | DΦ              | L  | a | d | F |                       |
| 1   | EG2A330MP50812ERSU | /                 | 33 μF            | ±20%                               | 100 V                 | /                   | -55~+105                 | /                         | /                             | 724  | /                         | 680                              | 4000                      | 8               | 12 | / | / | 5 | FIG-1                 |

※Test leakage current before testing dissipation factor and capacitance during the electric characteristic test.

| REMARKS:  | APPROVED BY | CHECKED BY | PREPARED BY |
|---|-------------|------------|-------------|
| 1.Sleeve Color: Brown.<br>2.Suffix U indicates convex rubber cover. | 张洪斌         | 曾爱娥        | 梁慧妍         |

## Aluminum Electrolytic Capacitor

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Unit(mm):

|                 |             |
|-----------------|-------------|
| P=12.7±1.0      | H0=16.0±0.5 |
| P0=12.7±0.2     | W =18.0±0.5 |
| P1=3.85±0.5     | W0=12.5MIN  |
| P2=6.35±1.0     | ΦD0=4.0±0.2 |
| F1=5.0+0.8/-0.2 | H=18.5±0.5  |
| t=0.7±0.2       |             |

**Original**

**FIG-1**

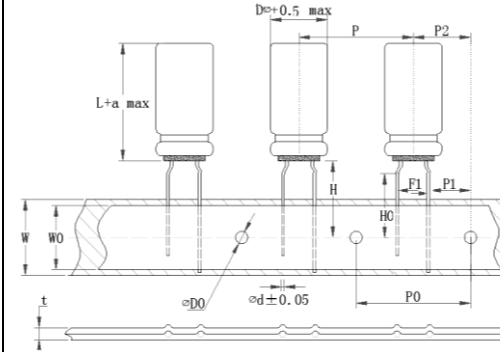
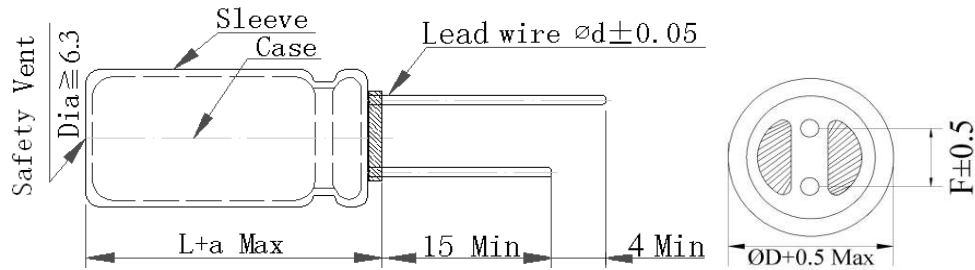
| No. | CHINSAN Part No. | Customer Part No. | Capacitance (uF) | Tolerance On rated Capacitance (%) | Working Voltage (Vdc) | Surge Voltage (Vdc) | Category Temp Range (°C) | Tanδ @ 25°C (120Hz) (Max) | Leakage Current (uA) (2 min.) | Rated Ripple Current (mA rms) @ 105°C 100kHz | ESR @25°C (mΩ max/ 120Hz) | Impedance @20°C (mΩ max/ 100kHz) | Endurance @ 105°C (Hours) | Dimensions (mm) |    |   |   |    | Appearance Drawing No |
|-----|------------------|-------------------|------------------|------------------------------------|-----------------------|---------------------|--------------------------|---------------------------|-------------------------------|--|---------------------------|----------------------------------|---------------------------|-----------------|----|---|---|----|-----------------------|
|     |                  |                   |                  |                                    |                       |                     |                          |                           |                               |  |                           |                                  |                           | DΦ              | L  | a | d | F1 |                       |
| 1   | EG1H121MP50816F5 | /                 | 120 μF           | ±20%                               | 50 V                  | /                   | -55~+105                 | /                         | /                             | 690  | /                         | /                                | 5000                      | 8               | 16 | / | / | 5  | FIG-1                 |

※Test leakage current before testing dissipation factor and capacitance during the electric characteristic test.

| REMARKS:  | APPROVED BY | CHECKED BY | PREPARED BY |
|---|-------------|------------|-------------|
| 1.Sleeve Color: Brown.<br>2.Suffix U indicates convex rubber cover.<br>3.Suffix F5 indicates the life of the capacitor is 5000 hrs. | 张洪斌         | 曾爱娥        | 梁慧妍         |

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Unit (mm):

|                 |             |
|-----------------|-------------|
| P=12.7±1.0      | H0=16.0±0.5 |
| P0=12.7±0.2     | W =18.0±0.5 |
| P1=3.85±0.5     | W0=12.5MIN  |
| P2=6.35±1.0     | ΦD0=4.0±0.2 |
| F1=5.0+0.8/-0.2 | t=0.7±0.2   |
| H=18.5±0.5      |             |

**Original**

**FIG-1**

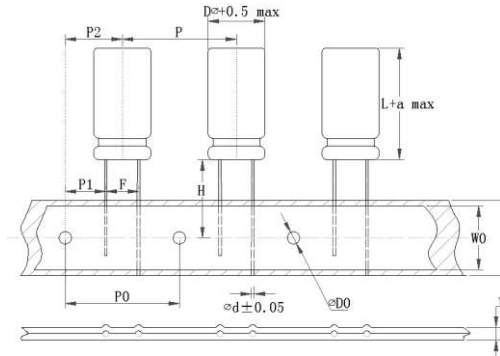
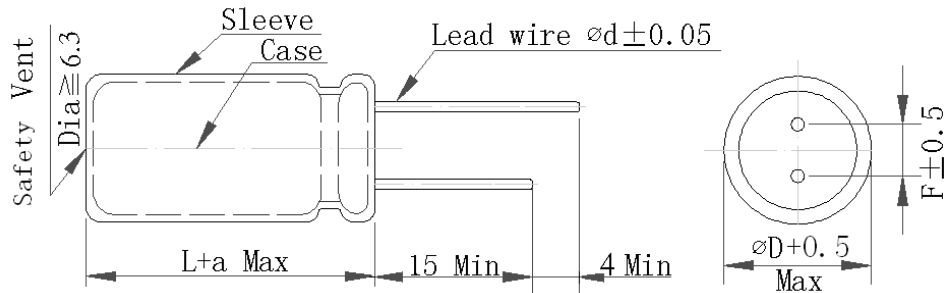
| No. | CHINSAN Part No. | Customer Part No. | Capacitance (uF) | Tolerance On rated Capacitance (%) | Working Voltage (Vdc) | Surge Voltage (Vdc) | Category Temp Range (°C) | Tanδ @ 25°C (120Hz) (Max) | Leakage Current (uA) (2 min.) | Rated Ripple Current (mA rms) @ 105°C 100kHz | ESR @25°C (mΩ max/ 120Hz) | Impedance @20°C (mΩ max/ 100kHz) | Endurance @ 105°C (Hours) | Dimensions (mm) |    |   |   |    | Appearance Drawing No |
|-----|------------------|-------------------|------------------|------------------------------------|-----------------------|---------------------|--------------------------|---------------------------|-------------------------------|--|---------------------------|----------------------------------|---------------------------|-----------------|----|---|---|----|-----------------------|
|     |                  |                   |                  |                                    |                       |                     |                          |                           |                               |  |                           |                                  |                           | D Φ             | L  | a | d | F1 |                       |
| 1   | EG1H100MPN0511U  | /                 | 10 μF            | ±20%                               | 50 V                  | /                   | -55~+105                 | /                         | /                             | 115  | /                         | 1450                             | 3000                      | 5               | 11 | / | / | 5  | FIG-1                 |

※Test leakage current before testing dissipation factor and capacitance during the electric characteristic test.

| REMARKS:  | APPROVED BY | CHECKED BY | PREPARED BY |
|---|-------------|------------|-------------|
| 1.Sleeve Color: Brown.<br>2.Suffix U indicates convex rubber cover. | 张洪斌         | 曾爱娥        | 梁慧妍         |

## Aluminum Electrolytic Capacitor

| Customer | Digi-Key | SERIES | EG | NO.: | PUBLISH DATE | 2022-03-25 |
|----------|----------|--------|----|------|--------------|------------|
|----------|----------|--------|----|------|--------------|------------|



Unit(mm):

P=12.7±1.0

H=18.5±0.5

P0=12.7±0.2

W =18.0±0.5

P1=3.85±0.5

W0=12.5MIN

P2=6.35±1.0

ΦD0=4.0±0.2

F=5.0+0.8/-0.2

t=0.7±0.2

**Original**

**FIG-1**

| No. | CHINSAN Part No. | Customer Part No. | Capacitance (uF) | Tolerance On rated Capacitance (%) | Working Voltage (Vdc) | Surge Voltage (Vdc) | Category Temp Range (°C) | Tanδ @ 25°C (120Hz) (Max) | Leakage Current (uA) (2 min.) | Rated Ripple Current (mA rms) @ 105°C 100kHz | ESR @25°C (mΩ max/ 120Hz) | Impedance @20°C (mΩ max/ 100kHz) | Endurance @ 105°C (Hours) | Dimensions (mm) |    |   |   |   | Appearance Drawing No |
|-----|------------------|-------------------|------------------|------------------------------------|-----------------------|---------------------|--------------------------|---------------------------|-------------------------------|--|---------------------------|----------------------------------|---------------------------|-----------------|----|---|---|---|-----------------------|
|     |                  |                   |                  |                                    |                       |                     |                          |                           |                               |  |                           |                                  |                           | DΦ              | L  | a | d | F |                       |
| 1   | EG1E681MPN1020E  | /                 | 680 μF           | ±20%                               | 25 V                  | /                   | -55~+105                 | /                         | /                             | 1400   | /                         | 70                               | 5000                      | 10              | 20 | / | / | 5 | FIG-1                 |

※Test leakage current before testing dissipation factor and capacitance during the electric characteristic test.

| REMARKS:             | APPROVED BY | CHECKED BY | PREPARED BY |
|----------------------|-------------|------------|-------------|
| Sleeve Color: Brown. | 张洪斌         | 曾爱娥        | 梁慧妍         |