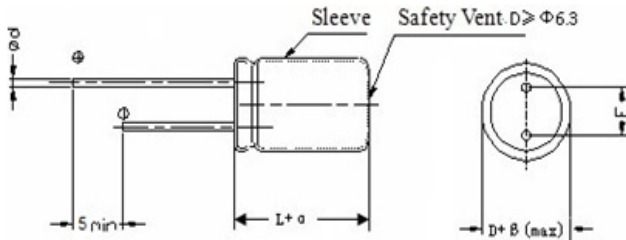


|                                     |  |          |
|-------------------------------------|--|----------|
| Huawei P/N:<br>LE2G101MM300A00CE0H5 | <b>CHANGZHOU HUAWEI ELECTRONICS CO.,LTD</b><br>LE 400V 100 μ F 18*30 | Page:1/1 |
|-------------------------------------|--|----------|

Customer : Ropla Elektronik Sp. z o.o.  
Customer P/N :

Diagram Of Dimensions




单位: mm



|       |      |        |      |
|-------|------|--------|------|
| D     | 18   | L      | 30   |
| βMax  | +0.5 | αMax   | +2.0 |
| F±0.5 | 7.5  | d±0.05 | 0.80 |

β为D值公差/α为L值公差

| Items  | Performance  |                    |   |  |                    |  |   |                 |                                   |   |      |      |      |
|--|--|--------------------|---|--|--------------------|--|---|-----------------|-----------------------------------|---|------|------|------|
| Operating Temperature Range  | -40℃ ~ +105℃   |                    |   |  |                    |  |   |                 |                                   |   |      |      |      |
| Capacitance Tolerance  | -20% ~ 20% (120Hz,20℃)   |                    |   |  |                    |  |   |                 |                                   |   |      |      |      |
| Surge Voltage  | 450VDC   |                    |   |  |                    |  |   |                 |                                   |   |      |      |      |
| Leakage Current  | LC ≤ 810μA After 2 minutes   |                    |   |  |                    |  |   |                 |                                   |   |      |      |      |
| Dissipation Factor (Tan δ)   | ≤ 0.20 (120Hz,20℃)   |                    |   |  |                    |  |   |                 |                                   |   |      |      |      |
| ESR  | 1.25 Ω (100KHz, 25℃)   |                    |   |  |                    |  |   |                 |                                   |   |      |      |      |
| Ripple Currents  | 1720mA (100KHz, +105℃)   |                    |   |  |                    |  |   |                 |                                   |   |      |      |      |
| Low Temperature Characteristics(120Hz)   | <table border="1"> <tr> <td>Z-40℃ / Z+20℃</td> <td>7</td> </tr> </table>   | Z-40℃ / Z+20℃      | 7                                       |  |                    |  |   |                 |                                   |   |      |      |      |
| Z-40℃ / Z+20℃  | 7  |                    |   |  |                    |  |   |                 |                                   |   |      |      |      |
| Ripple Current & Frequency Multipliers   | <table border="1"> <tr> <td>Frequency(Hz)</td> <td>50</td> <td>120</td> <td>1K</td> <td>10K</td> <td>100K</td> </tr> <tr> <td>Coefficient</td> <td>0.40</td> <td>0.50</td> <td>0.80</td> <td>0.90</td> <td>1.00</td> </tr> </table>  | Frequency(Hz)      | 50                                      | 120                                      | 1K                 | 10K  | 100K  | Coefficient     | 0.40                              | 0.50  | 0.80 | 0.90 | 1.00 |
| Frequency(Hz)  | 50   | 120                | 1K                                      | 10K                                      | 100K               |  |   |                 |                                   |   |      |      |      |
| Coefficient  | 0.40   | 0.50               | 0.80                                    | 0.90                                     | 1.00               |  |   |                 |                                   |   |      |      |      |
| Life Test:<br>Load Life Test:<br>After 10000 Hrs at 105℃<br>Shelf Life Test:<br>After 1000 Hrs at 105℃ | <table border="1"> <tr> <td rowspan="2">Capacitance Change</td> <td>Load Life: Within ±20% of initial value</td> </tr> <tr> <td>Shelf Life: Within ±20% of initial value</td> </tr> <tr> <td rowspan="2">Dissipation Factor</td> <td>Load Life: Less than 200% of specified value</td> </tr> <tr> <td>Shelf Life: Less than 200% of specified value</td> </tr> <tr> <td rowspan="2">Leakage current</td> <td>Load Life: Within specified value</td> </tr> <tr> <td>Shelf Life: Less than 200% of specified value</td> </tr> </table> | Capacitance Change | Load Life: Within ±20% of initial value | Shelf Life: Within ±20% of initial value | Dissipation Factor | Load Life: Less than 200% of specified value | Shelf Life: Less than 200% of specified value | Leakage current | Load Life: Within specified value | Shelf Life: Less than 200% of specified value |      |      |      |
| Capacitance Change   | Load Life: Within ±20% of initial value  |                    |   |  |                    |  |   |                 |                                   |   |      |      |      |
|  | Shelf Life: Within ±20% of initial value   |                    |   |  |                    |  |   |                 |                                   |   |      |      |      |
| Dissipation Factor   | Load Life: Less than 200% of specified value   |                    |   |  |                    |  |   |                 |                                   |   |      |      |      |
|  | Shelf Life: Less than 200% of specified value  |                    |   |  |                    |  |   |                 |                                   |   |      |      |      |
| Leakage current  | Load Life: Within specified value  |                    |   |  |                    |  |   |                 |                                   |   |      |      |      |
|  | Shelf Life: Less than 200% of specified value  |                    |   |  |                    |  |   |                 |                                   |   |      |      |      |
| Soldering  | 245 ± 5℃, 2 ± 0.5 seconds. soldering must cover more than 95%  |                    |   |  |                    |  |   |                 |                                   |   |      |      |      |
| Standards  | IEC-60384  |                    |   |  |                    |  |   |                 |                                   |   |      |      |      |
| Remarks  | RoHS Compliance & Halogen-Free   |                    |   |  |                    |  |   |                 |                                   |   |      |      |      |

|              |             |                      |  |   |  |
|--------------|-------------|----------------------|--|---|--|
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