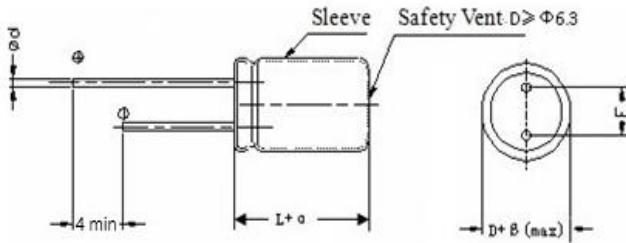


|                                   |   |          |
|-----------------------------------|---|----------|
| Huawei P/N:<br>LB2G6R8MG125A00CE0 | <b>CHANGZHOU HUAWEI ELECTRONICS CO.,LTD</b><br>LB 400V 6.80 μ F 10*12.5 | Page:1/1 |
|-----------------------------------|---|----------|

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

Diagram Of Dimensions

unit: mm



|       |      |        |      |
|-------|------|--------|------|
| D     | 10   | L      | 12.5 |
| βMax  | +0.5 | αMax   | +1.5 |
| F±0.5 | 5.0  | d±0.05 | 0.60 |

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 ≤ 64.4μA After 2 minutes                                   |   |      |      |      |      |
| Dissipation Factor (Tan δ)  | ≤ 0.20 (120Hz, 20℃)   |   |      |      |      |      |
| ESR   | 10.2 Ω (100KHz, 25℃)  |   |      |      |      |      |
| Ripple Currents   | 140mA (100KHz, +105℃)   |   |      |      |      |      |
| Low Temperature Characteristics(120Hz)  | Z-40℃ / Z+20℃   |   |      | 7    |      |      |
| Ripple Current & Frequency Multipliers  | Frequency(Hz)   | 120   | 50   | 10K  | 1K   | 100K |
|   | Coefficient   | 0.50  | 0.40 | 0.90 | 0.80 | 1.00 |
| Life Test:<br>Load Life Test:<br>After 6000 Hrs at 105℃<br>Shelf Life Test:<br>After 1000 Hrs at 105℃ | 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                 |   |      |      |      |      |
| Solder ability  | 245 ± 5℃, 2 ± 0.5 seconds. soldering must cover more than 95% |   |      |      |      |      |
| Standards   | IEC-60384   |   |      |      |      |      |
| Remarks   | RoHS Compliance & Halogen-Free                                |   |      |      |      |      |

|              |             |                      |   |             |              |
|--------------|-------------|----------------------|---|-------------|--------------|
| Publish Date | 18-Oct-2024 | Approval Signatures: | Approved                                  | Checked     | Designed     |
| Revise Date  |             |                      | 詹光耀<br>研发中心                               | 魏丽芳<br>研发中心 | 钱卢苏蒙<br>研发中心 |
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