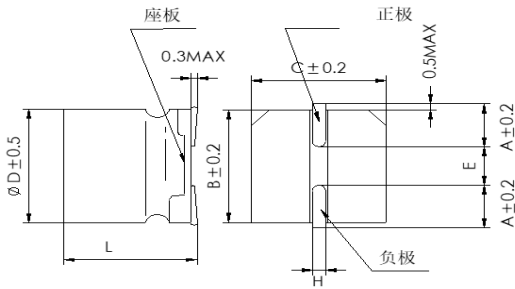


|                                   |  |          |
|-----------------------------------|--|----------|
| Huawei P/N:<br>EM1C470ME058000CR0 | <b>CHANGZHOU HUAWEI ELECTRONICS CO.,LTD</b><br>EM 16V 47 μ F 6.3*5.8 | Page:1/1 |
|-----------------------------------|--|----------|

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

Diagram Of Dimensions

unit: mm



|      |         |      |      |
|------|---------|------|------|
| D    | 6.3     | L    | 5.8  |
| βMax | ±0.5    | αMax | ±0.3 |
| C    | 6.6     | E    | 2.2  |
| A    | 2.4     | B    | 6.6  |
| H    | 0.5~0.8 |      |      |

β为D值公差/α为L值公差

| Items   | Performance  |   |                 |                  |               |
|---|--|---|-----------------|------------------|---------------|
| Operating Temperature Range   | -55°C ~ +125°C   |   |                 |                  |               |
| Capacitance Tolerance   | -20% ~ +20% (120Hz, 20°C)                                      |   |                 |                  |               |
| Surge Voltage   | 18.40VDC   |   |                 |                  |               |
| Leakage Current   | LC ≤ 75.2μA After 2 minutes                                    |   |                 |                  |               |
| Dissipation Factor (Tan δ)  | ≤ 0.14 (120Hz, 20°C)   |   |                 |                  |               |
| ESR   | 55mΩ (100KHz, 25°C)  |   |                 |                  |               |
| Ripple Currents   | 390mA (100KHz, +125°C)   |   |                 |                  |               |
| Low Temperature Characteristics(120Hz)  | Z-25°C / Z+20°C  |   | ≤ 1.5           |                  |               |
|   | Z-55°C / Z+20°C  |   | ≤ 2.0           |                  |               |
| Ripple Current & Frequency Multipliers  | Frequency(Hz)  | 0.1 ≤ Freq ≤ 0.5                                  | 0.5 < Freq ≤ 1  | 1 < Freq ≤ 5     | 5 < Freq ≤ 10 |
|   | Coefficient  | 0.10  | 0.30            | 0.40             | 0.60          |
|   | Frequency(Hz)  | 10 < Freq ≤ 50                                    | 50 < Freq < 100 | 100 ≤ Freq ≤ 300 |               |
|   | Coefficient  | 0.75  | 0.90            | 1.00             |               |
| Life Test:<br>Load Life Test:<br>After 1500 Hrs at 125°C<br>Shelf Life Test:<br>After 1000 Hrs at 125°C | Capacitance Change   | Within ±20% of initial value                      |                 |                  |               |
|   | Dissipation Factor   | Not to exceed 150% of the initial specified value |                 |                  |               |
|   | Leakage current  | Not to exceed the value specified                 |                 |                  |               |
|   | ESR  | Not to exceed 150% of the initial specified value |                 |                  |               |
| Soldering   | 260 ± 5°C, 2 ± 0.5 seconds. soldering must cover more than 95% |   |                 |                  |               |
| Standards   | IEC-60384  |   |                 |                  |               |
| Remarks   | RoHS Compliance & Halogen-Free                                 |   |                 |                  |               |

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