# MEB(CL20X) Series
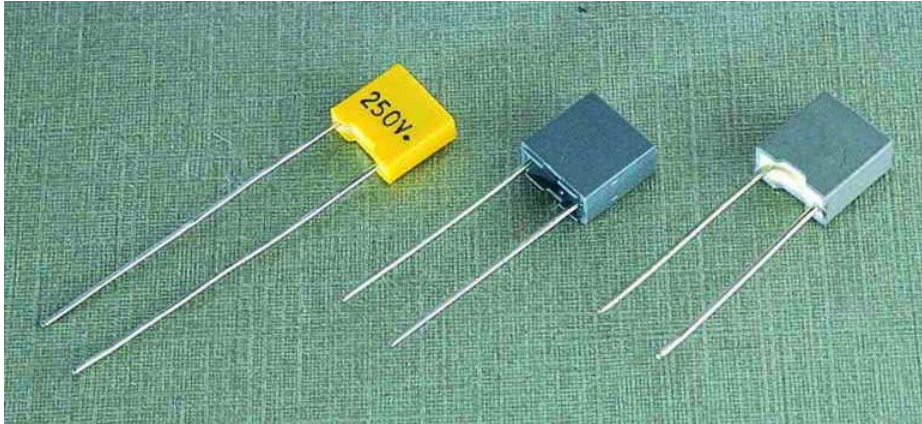


FEATURES:
* Small size can be compacted favourably with the stacked film capacitors
* Low loss and good stability
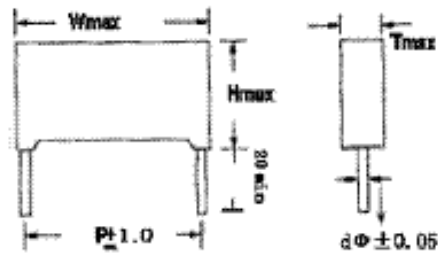* Long life due to excellent self-healing

APPLICATIONS:
* Widely used in coupling,filter,noise-suppression by-passing of DC and pulse circuits in all
  kinds of machines

SPECIFICATIONS:

* DIELECTRIC: Polyester film
* ELECTRODES: Vacuum evaporated metal
* COATING: Encapsulated in reinforced flame retardant plastic case sealed with epoxy resin
  meeting the requirement of UL94V-0
* LEADS: Radial leads of tinned wire
* REFRENCE
  STANDARD : GB7322;IEC60384-2
* CLIMATIC
  CATALOGUE: 40/85/21(From 85`C up to 105`C with derating voltage 1.25%/`C)
* CAPACITANCE VERSUS RATED VOLTAGE (UR):
  0.001uF-1.0uF/50V/63V 0.00uF-0.68uF/100VDC
  0.001uF-0.15uF/250VDC;
* CAPACITANCE TOLERANCE: M=±20% K=±10% J=±5%
* DISSIPATION FACTOR
  (TANGENT OF LOSS): DF≤1.0%(at 20`C,1KHz)
* VOLTAGE PROOF:1.6*Ur(5S at 20`C)

* INSULATION RESISTANCE: C≤0.33uF IR≥15000MΩ ;

  C>0.33uF IR*C≥3000S
  Ur≤100V Testing by 50V
  Ur>100V Testing by 100V
  (1 minute at 20`C and RH≤65%)
* ENDURANCE: 1000hours with 125% of rated voltage at 85`C.
  After the test:
  ΔC/C≤5%;ΔDF≤0.20%;
  C≤0.1uF IR≥9000MΩ C>1 uF
  IR≥50% of the specified value(20`C KHz)

★OUTLINE DRAWING 外观图          ★   PICTURE   实物图



★DIMENSIONS 尺寸                                    UNIT 单位:mm

| capacitance | | 50/63VDC | | | | | 100VDC | | | | | 250VDC | | | | |
| symbol | nF | W | H | T | P | dφ | W | H | T | P | dφ | W | H | T | P | dφ |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 102 | 0.0010 | 7.2 | 6.5 | 2.5 | 5.0 | 0.5 | 7.2 | 6.5 | 2.5 | 5.0 | 0.5 | 7.2 | 6.5 | 2.5 | 5.0 | 0.5 |
| 122 | 0.0012 | 7.2 | 6.5 | 2.5 | 5.0 | 0.5 | 7.2 | 6.5 | 2.5 | 5.0 | 0.5 | 7.2 | 6.5 | 2.5 | 5.0 | 0.5 |
| 152 | 0.0015 | 7.2 | 6.5 | 2.5 | 5.0 | 0.5 | 7.2 | 6.5 | 2.5 | 5.0 | 0.5 | 7.2 | 6.5 | 2.5 | 5.0 | 0.5 |
| 182 | 0.0018 | 7.2 | 6.5 | 2.5 | 5.0 | 0.5 | 7.2 | 6.5 | 2.5 | 5.0 | 0.5 | 7.2 | 6.5 | 2.5 | 5.0 | 0.5 |
| 222 | 0.0022 | 7.2 | 6.5 | 2.5 | 5.0 | 0.5 | 7.2 | 6.5 | 2.5 | 5.0 | 0.5 | 7.2 | 6.5 | 2.5 | 5.0 | 0.5 |
| 272 | 0.0027 | 7.2 | 6.5 | 2.5 | 5.0 | 0.5 | 7.2 | 6.5 | 2.5 | 5.0 | 0.5 | 7.2 | 6.5 | 2.5 | 5.0 | 0.5 |
| 332 | 0.0033 | 7.2 | 6.5 | 2.5 | 5.0 | 0.5 | 7.2 | 6.5 | 2.5 | 5.0 | 0.5 | 7.2 | 6.5 | 2.5 | 5.0 | 0.5 |
| 392 | 0.0039 | 7.2 | 6.5 | 2.5 | 5.0 | 0.5 | 7.2 | 6.5 | 2.5 | 5.0 | 0.5 | 7.2 | 6.5 | 2.5 | 5.0 | 0.5 |
| 472 | 0.0047 | 7.2 | 6.5 | 2.5 | 5.0 | 0.5 | 7.2 | 6.5 | 2.5 | 5.0 | 0.5 | 7.2 | 6.5 | 2.5 | 5.0 | 0.5 |
| 562 | 0.0056 | 7.2 | 6.5 | 2.5 | 5.0 | 0.5 | 7.2 | 6.5 | 2.5 | 5.0 | 0.5 | 7.2 | 6.5 | 2.5 | 5.0 | 0.5 |
| 682 | 0.0068 | 7.2 | 6.5 | 2.5 | 5.0 | 0.5 | 7.2 | 6.5 | 2.5 | 5.0 | 0.5 | 7.2 | 6.5 | 2.5 | 5.0 | 0.5 |
| 822 | 0.0082 | 7.2 | 6.5 | 2.5 | 5.0 | 0.5 | 7.2 | 6.5 | 2.5 | 5.0 | 0.5 | 7.2 | 6.5 | 2.5 | 5.0 | 0.5 |
| 103 | 0.010 | 7.2 | 6.5 | 2.5 | 5.0 | 0.5 | 7.2 | 6.5 | 2.5 | 5.0 | 0.5 | 7.2 | 6.5 | 2.5 | 5.0 | 0.5 |
| 123 | 0.012 | 7.2 | 6.5 | 2.5 | 5.0 | 0.5 | 7.2 | 6.5 | 2.5 | 5.0 | 0.5 | 7.2 | 6.5 | 2.5 | 5.0 | 0.5 |
| 153 | 0.015 | 7.2 | 6.5 | 2.5 | 5.0 | 0.5 | 7.2 | 6.5 | 2.5 | 5.0 | 0.5 | 7.2 | 6.5 | 2.5 | 5.0 | 0.5 |
| 183 | 0.018 | 7.2 | 6.5 | 2.5 | 5.0 | 0.5 | 7.2 | 6.5 | 2.5 | 5.0 | 0.5 | 7.2 | 6.5 | 2.5 | 5.0 | 0.5 |
| 223 | 0.022 | 7.2 | 6.5 | 2.5 | 5.0 | 0.5 | 7.2 | 6.5 | 2.5 | 5.0 | 0.5 | 7.2 | 7.5 | 3.5 | 5.0 | 0.5 |
| 273 | 0.027 | 7.2 | 6.5 | 2.5 | 5.0 | 0.5 | 7.2 | 6.5 | 2.5 | 5.0 | 0.5 | 7.2 | 7.5 | 3.5 | 5.0 | 0.5 |
| 333 | 0.033 | 7.2 | 6.5 | 2.5 | 5.0 | 0.5 | 7.2 | 6.5 | 2.5 | 5.0 | 0.5 | 7.2 | 7.5 | 3.5 | 5.0 | 0.5 |
| 393 | 0.039 | 7.2 | 6.5 | 2.5 | 5.0 | 0.5 | 7.2 | 6.5 | 2.5 | 5.0 | 0.5 | 7.2 | 7.5 | 3.5 | 5.0 | 0.5 |
| 473 | 0.047 | 7.2 | 6.5 | 2.5 | 5.0 | 0.5 | 7.2 | 6.5 | 2.5 | 5.0 | 0.5 | 7.2 | 9.5 | 4.5 | 5.0 | 0.6 |
| 563 | 0.056 | 7.2 | 6.5 | 2.5 | 5.0 | 0.5 | 7.2 | 6.5 | 2.5 | 5.0 | 0.5 | 7.2 | 9.5 | 4.5 | 5.0 | 0.6 |
| 683 | 0.068 | 7.2 | 6.5 | 2.5 | 5.0 | 0.5 | 7.2 | 6.5 | 2.5 | 5.0 | 0.5 | 7.2 | 9.5 | 4.5 | 5.0 | 0.6 |
| 823 | 0.082 | 7.2 | 6.5 | 2.5 | 5.0 | 0.5 | 7.2 | 6.5 | 2.5 | 5.0 | 0.5 | 7.2 | 10.0 | 5.0 | 5.0 | 0.6 |
| 104 | 0.10 | 7.2 | 6.5 | 2.5 | 5.0 | 0.5 | 7.2 | 7.5 | 3.5 | 5.0 | 0.5 | 7.2 | 10.0 | 5.0 | 5.0 | 0.6 |
| 124 | 0.12 | 7.2 | 6.5 | 2.5 | 5.0 | 0.5 | 7.2 | 9.5 | 4.5 | 5.0 | 0.6 | 7.2 | 11.0 | 6.0 | 5.0 | 0.6 |
| 154 | 0.15 | 7.2 | 7.5 | 3.5 | 5.0 | 0.5 | 7.2 | 9.5 | 4.5 | 5.0 | 0.6 | 7.2 | 11.0 | 6.0 | 5.0 | 0.6 |
| 184 | 0.18 | 7.2 | 7.5 | 3.5 | 5.0 | 0.5 | 7.2 | 9.5 | 4.5 | 5.0 | 0.6 | | | | | |
| 224 | 0.22 | 7.2 | 7.5 | 3.5 | 5.0 | 0.5 | 7.2 | 10.0 | 5.0 | 5.0 | 0.6 | | | | | |
| 274 | 0.27 | 7.2 | 9.5 | 4.5 | 5.0 | 0.6 | 7.2 | 10.0 | 5.0 | 5.0 | 0.6 | | | | | |
| 334 | 0.33 | 7.2 | 9.5 | 4.5 | 5.0 | 0.6 | 7.2 | 11.0 | 6.0 | 5.0 | 0.6 | | | | | |
| 394 | 0.39 | 7.2 | 9.5 | 4.5 | 5.0 | 0.6 | 7.2 | 11.0 | 6.0 | 5.0 | 0.6 | | | | | |
| 474 | 0.47 | 7.2 | 10.0 | 5.0 | 5.0 | 0.6 | 7.2 | 11.0 | 6.0 | 5.0 | 0.6 | | | | | |
| 564 | 0.56 | 7.2 | 10.0 | 5.0 | 5.0 | 0.6 | 7.2 | 11.0 | 6.0 | 5.0 | 0.6 | | | | | |
| 684 | 0.68 | 7.2 | 11.0 | 6.0 | 5.0 | 0.6 | 7.2 | 11.0 | 6.0 | 5.0 | 0.6 | | | | | |
| 824 | 0.82 | 7.2 | 11.0 | 6.0 | 5.0 | 0.6 | | | | | | | | | | |
| 105 | 1.0 | 7.2 | 11.0 | 6.0 | 5.0 | 0.6 | | | | | | | | | | |

**SPECIAL SIZE OR ITEMS ON REQUEST)可依需求制作特殊规格**