**MLCC MULTILAYER CERAMIC CAPACITORS
CE SERIES**

<table>
<thead>
<tr>
<th>RCD Type</th>
<th>Max VDC Voltage</th>
<th>COG (NPO)</th>
<th>X7R</th>
<th>X5R</th>
<th>X6S</th>
<th>X5Y5V (Z5U)</th>
</tr>
</thead>
<tbody>
<tr>
<td>CE0201</td>
<td>10000-2.2uF</td>
<td>0.1uF-100pF</td>
<td>1uF-10uF</td>
<td>100pF-1uF</td>
<td>10uF-100uF</td>
<td>100uF-1kF</td>
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<tr>
<td>CE0402</td>
<td>25000-22uF</td>
<td>0.1uF-100pF</td>
<td>1uF-10uF</td>
<td>100pF-1kF</td>
<td>10kF-100kF</td>
<td>100kF-1M</td>
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<tr>
<td>CE0603</td>
<td>30000-22uF</td>
<td>0.1uF-100pF</td>
<td>1uF-10uF</td>
<td>100pF-1kF</td>
<td>10kF-100kF</td>
<td>100kF-1M</td>
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<tr>
<td>CE0805</td>
<td>40000-22uF</td>
<td>0.1uF-100pF</td>
<td>1uF-10uF</td>
<td>100pF-1kF</td>
<td>10kF-100kF</td>
<td>100kF-1M</td>
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<tr>
<td>CE1200</td>
<td>60000-22uF</td>
<td>0.1uF-100pF</td>
<td>1uF-10uF</td>
<td>100pF-1kF</td>
<td>10kF-100kF</td>
<td>100kF-1M</td>
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<tr>
<td>CE1210</td>
<td>100000-22uF</td>
<td>0.1uF-100pF</td>
<td>1uF-10uF</td>
<td>100pF-1kF</td>
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<tr>
<td>CE1812</td>
<td>150000-22uF</td>
<td>0.1uF-100pF</td>
<td>1uF-10uF</td>
<td>100pF-1kF</td>
<td>10kF-100kF</td>
<td>100kF-1M</td>
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<tr>
<td>CE2220</td>
<td>220000-22uF</td>
<td>0.1uF-100pF</td>
<td>1uF-10uF</td>
<td>100pF-1kF</td>
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<td>CE3035</td>
<td>330000-22uF</td>
<td>0.1uF-100pF</td>
<td>1uF-10uF</td>
<td>100pF-1kF</td>
<td>10kF-100kF</td>
<td>100kF-1M</td>
</tr>
</tbody>
</table>

**DIELECTRIC CHARACTERISTICS**

- **Available Tolerances:** ±1%, ±2%, ±5%, ±10%, ±15%, ±20%, ±22%, ±50%.
- **Temperature Characteristic:** ±30ppm/°C.
- **Aging (cap loss/decade h):** 0%, 2%, 5%, 10%, 20%.
- **Voltage Coef (at max V):** ±5%, ±10%, ±20%, ±50%, ±100%.
- **Disipation Factor, typ.:** 0.1%.
- **Insul. Resis. (VDC):** 10GΩ or 1GΩ, whichever is less.
- **Dielectric Strength:** 2.5x rated VDC.
- **Test Conditions:** 100V, 1mA.

**Typical Packaging Quantity**

- **Size:** 0201, 0402, 0603, 0805, 1206, 1812, 2220, 3335
- **Max Info:** 0.036±.02 [9.±.5]
- **Values:** typ.

**P/N DESIGNATION:**

- **CE1206**

**High capacitance and high voltage MLCC's are an RCD specialty!**

- **Low cost and the industry’s widest range:** 0.1pF to 47uf, 4V to 4KV.
- **Wide range available from stock or manufactured on quick-turn program.
- **Options:** flex-term, non-magnetic, SnPb termination, high Q, ESR, high-temp

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**Resistors, Capacitors, Cables, Delays Lines**

**RoHS Compliant**

**Terminals:** W = Lead-free (standard), S = PdAg, Q = Tin/Lead

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FA054E Sale of this product is in accordance with GF-061. Specifications subject to change without notice.

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*Expanded range avilable. Applies to Y5V, consult factory for Z5U. Not all combinations of voltage & dielectric are available in all E12 values.*