**Leaded Ceramic Capacitors**

**CK SERIES MULTILAYER CERAMIC CAPACITORS**

Features:
- High temperature filtering/decoupling.
- Other sizes and voltages available upon request.
- Solder.

Applications include input and output filters in switch mode power supplies, high capacitance discharge circuits, and leaded configuration safeguards the device against thermal and mechanical stresses, and is bonded with high temperature insulations.

**Specifications:**
- Operating Temperature Range: -55°C to 125°C
- Minimum voltage is 500 Vdc.

**CK05 Series**

For quantities greater than listed, call for quote.

<table>
<thead>
<tr>
<th>Mouser Stock No.</th>
<th>Mallory Part No.</th>
<th>Fig.</th>
<th>Volt (DC)</th>
<th>Value (µF)</th>
<th>Price Each</th>
</tr>
</thead>
<tbody>
<tr>
<td>CK05BX100K A</td>
<td>200</td>
<td>10</td>
<td>.94</td>
<td>.715</td>
<td>.462</td>
</tr>
</tbody>
</table>

**CK06 Series**

For quantities greater than listed, call for quote.

<table>
<thead>
<tr>
<th>Mouser Stock No.</th>
<th>Mallory Part No.</th>
<th>Fig.</th>
<th>Volt (DC)</th>
<th>Value (µF)</th>
<th>Price Each</th>
</tr>
</thead>
<tbody>
<tr>
<td>CK06BX150K B</td>
<td>200</td>
<td>10</td>
<td>.94</td>
<td>.715</td>
<td>.462</td>
</tr>
</tbody>
</table>

**3530 SERIES RADIAL LEDGED CAPACITOR**

**NOVACAP High Voltage Lead Capacitors are available in CK05 and X7R characteristics. Conformal coating and lead mounting provide a rugged configuration for optimum for commercial/industrial use to 10 kV, with application in power supply and voltage multiplier circuits. Minimum voltage is 500 Vdc.**

**Specifications:**
- Operating Temperature Range: -65°C to 125°C
- Dielectric Withstanding Voltage: 1200 VDC, or 750V
- Insulations Resistance, 25ºC: >100GΩ or >1000Ω F

**CAPACITOR ASSEMBLY**

**NOVACAP capacitor assembly with low equivalent series resistance (ESR) and low equivalent series inductance (ESL) are available for use in high power or high frequency applications, as replacements for tantalum and aluminum electrolytics. The leaded configuration safeguards the device against thermal and mechanical stresses, and is bonded with high temperature solder. Applications include input and output filters in switch mode power supplies, high capacitance discharge circuits, and temperature filtering/decoupling.**

**AY2 SERIES - AUTOMOTIVE GRADE SAFETY AC LINE RATED CERAMIC DISC CAPACITORS**

Features:
- High Reliability
- Operating Temperature Range: -55°C to +125°C
- Rated Voltage: 440~X1, 300~Y2

**Specifications:**
- Tol. ± (%) Dielectric Value
- Part No.
- Fig. Volt
- Price Each
- Case Diameter (D): mm
- RoHS Compliant

**AY2 Series**

For quantities greater than listed, call for quote.

<table>
<thead>
<tr>
<th>Mouser Stock No.</th>
<th>Vishay Part No.</th>
<th>Value (µF)</th>
<th>Tol. (%)</th>
<th>Dissipation Temperature Coefficient</th>
<th>Case Diameter (D): mm</th>
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</thead>
<tbody>
<tr>
<td>72-AY2100K29U2J63L7</td>
<td>AY2100K29U2J63L7</td>
<td>10</td>
<td>10</td>
<td>0.3 UUJ</td>
<td>7.5</td>
</tr>
</tbody>
</table>

**Sample Kit**

For quantities greater than listed, call for quote.

<table>
<thead>
<tr>
<th>Mouser Stock No.</th>
<th>Description</th>
<th>Price Each</th>
</tr>
</thead>
<tbody>
<tr>
<td>72-AY21-KIT-HF</td>
<td>10 Pieces of Each: AY2100K29U2J63L7, AY2200K29U2J63L7</td>
<td>36.00</td>
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