HIGH FREQUENCY-HIGH POWER CAPACITORS
FOR AC LINE FILTERING OR HIGH POWER RF APPLICATIONS
TYPE N2200 DIELECTRIC

APPLICATIONS:
- AC line filtering, typically from 110-230 volts AC, 80 to 400 Hz
- High power RF at high voltages, 500 volts to 5,000 volts

FEATURES:
- Low dissipation factor (DF)
- Low self-heating
- Low ESR over a wide frequency range
- High reliability
- Stable capacitance vs frequency
- No aging rate

CERAMIC TYPE:
- Type N2200, NTC dielectric (combines the high K of an X7R dielectric with the stability of an NPO dielectric)
- Temperature coefficient: -55°C to 25°C: -3330 ppm/°C max. change, no min.
- 25°C to 125°C: -2700 ppm/°C max. change, no min.
- N2200 Dielectric code is “N2T”

POPULAR PART NUMBERS

<table>
<thead>
<tr>
<th>Capacitance</th>
<th>Voltage</th>
<th>Part Number</th>
</tr>
</thead>
<tbody>
<tr>
<td>.068 µF</td>
<td>500 V</td>
<td>RL2422N2T683K6E250</td>
</tr>
<tr>
<td>.330 µF</td>
<td>500 V</td>
<td>RL3941N2T334K6E400</td>
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<tr>
<td>1 µF</td>
<td>500 V</td>
<td>S405N2T105K6N4</td>
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<tr>
<td>.050 µF</td>
<td>1000 V</td>
<td>RL3736N2T503K9E375</td>
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<tr>
<td>.015 µF</td>
<td>5000 V</td>
<td>RL8557N2T153K15E850</td>
</tr>
</tbody>
</table>

Notes: 1. Capacitors available as radial leaded or stacked.
2. Other sizes, capacitances, and voltage ratings are available. Consult factory.