**SPECIFICATIONS**

- **Voltage Rating**: 50 VDC (higher available)
- **Current Rating**: 3 Amps Max
- **Insulation Resistance**: Greater than 1.5 GΩ @ 25°C
- **Dissipation Factor**: Less than 3% (except 10K pF less than 4%)
- **Max. Temp.** / **Min. Temp.** / **Operating Range**: 250°C / -65°C / -55°C to +125°C
- **Leak Rate**: Less than 1 X 10⁻⁸ cc/sec @ 1 atm (He)

<table>
<thead>
<tr>
<th>CAPACITANCE VALUE</th>
<th>SERIES</th>
<th>PIN DIA.</th>
<th>L1 ± .005</th>
<th>L2 ± .005</th>
<th>PLATING CODE</th>
<th>GLASS</th>
<th>FERRULE</th>
<th>PIN</th>
</tr>
</thead>
<tbody>
<tr>
<td>Cxxxx</td>
<td>8820</td>
<td>.020</td>
<td>xxx</td>
<td>xxx</td>
<td>02</td>
<td>9013</td>
<td>Steel</td>
<td>Steel</td>
</tr>
</tbody>
</table>

Example Part No: C502-8820-125-075-02

**NOTES:**
1. Specify capacitance value. Enter first two digits of value then the number of zeros that follow. Example: C502 equals 5,000pF.
2. Standard plating is 50 microinches minimum GOLD per MIL-G-45204, Type III, Grade A over 200-400 microinches NICKEL per MIL-C-26074. Plating thickness is measured on pin. For overall pin lengths < .255 consult SHP for plating options.
4. Short term process temperature.
5. Storage temperature.
6. See Bulletin 200 for solder preforms.

All dimensions are inches.