Charcroft Audio
Silver Mica Capacitors

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D1217-MAN : Issue 4 - 08.2017
Dipped Radial

These capacitors are specially designed for audio applications. Constructed from the finest Indian Ruby Mica plates which are cut by hand and then have silver electrodes printed on. The plates are stacked by hand to the required value, have their edges reinforced with silver paste and then sintered at 560°C. After firing they are cut into individual chips ready for lead attachment again by hand. To enhance their audio properties, solid silver lead wires are attached before final trimming and dipping in epoxy resin.

<table>
<thead>
<tr>
<th>Code</th>
<th>500V</th>
<th>W</th>
<th>H</th>
<th>T</th>
<th>D</th>
<th>S</th>
</tr>
</thead>
<tbody>
<tr>
<td>CA1D</td>
<td>1pF to 10,000pF</td>
<td>15.0</td>
<td>13.0</td>
<td>6.5</td>
<td>0.8</td>
<td>10.2 ± 0.1</td>
</tr>
<tr>
<td>CA2D</td>
<td>10,001pF to 50,000pF</td>
<td>27.0</td>
<td>18.0</td>
<td>8.0</td>
<td>0.8</td>
<td>20.2 ± 0.1</td>
</tr>
<tr>
<td>CA3D</td>
<td>50,001pF to 200,000pF</td>
<td>50</td>
<td>35</td>
<td>15.0</td>
<td>1.0</td>
<td>40.2 ± 0.1</td>
</tr>
</tbody>
</table>

L = 25mm MIN (Longer Lead Lengths Available)

Working Temperature Range: -55°C TO +100°C
Standard Tolerance: ±1% (except < 100pF ± 1pF, < 10pF ± 0.5pF)
Climatic Category: 55/100/04