**Data-Sheet - Fixed Vacuum Capacitor - SAMi-Cap Series**

**CFSA-1000BAC/15-CA-G**

Old Type Designation: CF1C-1000E

### Specifications

<table>
<thead>
<tr>
<th>Parameter</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Capacity $C_{\text{max}}$ (nominal)</td>
<td>1000 pF</td>
</tr>
<tr>
<td>Voltage (Peak Test $U_{\text{pt}}$ / Peak Working $U_{\text{pw}}$)</td>
<td>15 kV / 9 kV</td>
</tr>
<tr>
<td>Capacity Tolerance</td>
<td>5%</td>
</tr>
<tr>
<td>Max. Current $I_{\text{max}}$ at 13.56 MHz with</td>
<td>171 Arms</td>
</tr>
<tr>
<td>Conduction Cooling</td>
<td>50 W</td>
</tr>
<tr>
<td>Net Weight</td>
<td>2 kg</td>
</tr>
<tr>
<td>Mounting Flange (optional)</td>
<td>058-015</td>
</tr>
</tbody>
</table>

Imax at 25°C ambient and 125°C surface temp. for convection and conduction (50 W) cooling

### Graphs

- **Frequency [MHz], $U_{\text{pw}} = 9$ kV**
  - $I_{\text{max}}$ [Arms]
  - 13.56 MHz Conduction 50W
  - 1000 pF Convection

- **Frequency [MHz]**
  - **ESR [mΩ]**
    - 1.0
  - **EPR [mΩ]**
    - 100

- **Frequency [MHz]**
  - **tan δ**
    - 1.0
  - **EPR [mΩ]**
    - 10
  - **ESR [mΩ]**
    - 1.0

### Special Features:

- Capacity Tolerance 5%, RoHS Compliant

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Subject to change without prior notice

Note: Technical information in Service Bulletin

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SB-52 must be considered

Replaces: 15-Aug-2001

Issue: 26-Jan-2012