Capacitor Discharge Resistors, 10-16 Watt

Series CD, CDF

- Designed for mounting on high-power capacitors with industry-standard .875” & 1.25” terminal spacing (non-standard Mounting spans available from 0.5” to 2.5”)
- New CDF Series offers low profile design at a price below conventional CD Series
- Volt Rating up to 1.2KV
- Temperature Range: -55°C to + 350°C
- 1KΩ to 100KΩ standard, (non-standard values available)
- Performance per Mil-R-26
- Multiple resistor strings available for use on capacitor banks

**Standard Resistance Values (±5%):**
1KΩ, 5KΩ, 10KΩ, 15KΩ, 18KΩ, 22KΩ, 27KΩ, 33KΩ, 47KΩ, 68KΩ, 82KΩ, 100KΩ
Non-standard resistance values (as low as 0.005Ω) and tolerances to ± 0.1% available

**Temperature Coefficient:** 30 ppm/°C
available to 5ppm

**Dielectric Strength:** 500 Vdc
(for 750V specify opt.91, for 1KV specify opt.33)

**Insulation resistance:** 10,000 Mohms minimum dry,
100 Mohms minimum after moisture test.

**Short time overload:** 10 times rated power, 5Sec,
not to exceed volt rating

**Low Inductance models available:** (specify option ‘X’)

<table>
<thead>
<tr>
<th>RCD Type</th>
<th>Wattage</th>
<th>Voltage</th>
<th>A</th>
<th>B Max</th>
<th>C Max</th>
</tr>
</thead>
<tbody>
<tr>
<td>CD170, CDF170</td>
<td>10W</td>
<td>700V</td>
<td>.875&quot;</td>
<td>1.58&quot;</td>
<td>.407&quot;</td>
</tr>
<tr>
<td>CD175, CDF175</td>
<td>13W</td>
<td>1000V</td>
<td>1.25&quot;</td>
<td>2.00&quot;</td>
<td>.407&quot;</td>
</tr>
<tr>
<td>CD180, CDF180</td>
<td>16W</td>
<td>1200V</td>
<td>1.25&quot;</td>
<td>2.40&quot;</td>
<td>.545&quot;</td>
</tr>
</tbody>
</table>

**P/N DESIGNATION:**
- **CD175**
- **RCD Type (CD/CD170, 175, 180)**
- **Options:** 91.33 (leave blank if std)
- **Resist Code:** 0.1% ± 20% (leave blank if std)
- **Tolerance Code:** 10%, ±5% (leave blank if std)
- **Packaging:** B = Bulk (standard)
- **TC (leave blank if std):** 0.05% ± 20ppm
- **Termination:** W= Lead-free (standard), G= Tin/Lead