# Features
- Multiple Case Sizes - High Voltage – High Current

# Applications
- Bulk Filtering – Switching Power Supplies

## Operating Temperature Range
-40°C to +105°C (<100WVDC)
-25°C to +105°C (≥160WVDC)

## Capacitance Tolerance
+20% at 120 Hz, 20°C

<table>
<thead>
<tr>
<th>Surge Voltage</th>
<th>WVDC</th>
<th>10</th>
<th>16</th>
<th>25</th>
<th>35</th>
<th>50</th>
<th>63</th>
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<th>100</th>
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For capacitances above 33000uF, add to DF value (Capacitance-33000) *0.1/10000

## Surge Voltage
- WVDC | 10 | 16 | 25 | 35 | 50 | 63 | 80 | 100 | 160 | 200 | 250 | 350 | 400 | 450 |
| SVDC | 13 | 20 | 32 | 44 | 63 | 79 | 100| 120 | 200 | 250 | 300 | 400 | 450 | 500 |

## Dissipation Factor tan δ (120 Hz)

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## Leakage Current @20°C, Rated WVDC applied

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<th>Time</th>
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<tr>
<td>5 Minutes</td>
<td>5000 hours at 105°C with rated WVDC and ripple current applied</td>
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## Impedance Ratio (120 Hz)

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<th>50</th>
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<td>-40°C/+20°C</td>
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## Load Life
1000 hours at 105°C with no voltage applied
- Capacitance Change ≤20% of initial measured value
- Dissipation Factor ≤200% of maximum specified value
- Leakage Current ≤100% of maximum specified value

## Shelf Life
1000 hours at 105°C with no voltage applied
- Capacitance Change ≤20% of initial measured value
- Dissipation Factor ≤200% of maximum specified value
- Leakage Current ≤100% of maximum specified value

## Ripple Current Multipliers

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Americas / EU
Phone: 1-508-996-8561
Email: cdena@cede.com

Asia
Phone: 852-2793-0931
Email: cdeasia@cede.com

Sep-20
Lead Style Options

<table>
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<th>Code 2 (standard)</th>
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<td><img src="image2" alt="Code W diagram" /></td>
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<tr>
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<td>Maximum RMS Ripple Current (A) @ 120 Hz, 20°C</td>
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<tr>
<td>WVDC</td>
<td>Capacitance (µF)</td>
<td>IC PART NUMBER</td>
<td>Maximum ESR (Ω) @ 120 Hz, +20°C</td>
<td>Maximum RMS Ripple Current (A) @ 120 Hz, +105°C</td>
<td>Dims DxL (mm)</td>
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