## FEATURES

- High Capacitance
- High Voltage
- Low Profile

## APPLICATIONS

- Induction Heaters
- DC link
- AC/DC motor Drives
- Solar and Wind inverters

### Operating Temperature Range

-40°C to +85°C

### Capacitance Tolerance

- ±10% at 1 kHz, 25°C

<table>
<thead>
<tr>
<th>VDC (µF)</th>
<th>800</th>
<th>1000</th>
<th>1200</th>
<th>1400</th>
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</thead>
<tbody>
<tr>
<td>VAC (µF)</td>
<td>230</td>
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</table>

### Dissipation Factor

- Tan δ at 100 Hz and 25°C
- 0.0002 MAX

### Insulation Resistance

- ≤5000 MΩxµF
  - After 1 minute of 100VDC applied between the terminals at 25°C

### Self Inductance

- See part listing

### Dielectric Strength

- Terminal to Terminal
  - 150% of VDC applied for 10 Seconds and 25°C
  - 4KVAC at 50/60 Hz applied between the terminals and case for 60 Seconds and 25°C
- Terminal to case

### Construction

- Metallized Polypropylene film

### Electrodes

- Vacuum deposited Metal layers

### Coating

- Flame retardant Solvent resistant plastic case (UL 94V-0) with epoxy end fill

### Impregnant

- Silicone oil

### Lead terminations

- Lead free tinned brass leads
Lead style

Lead Style: T8

Lead Style: SM5

Tinned Brass

M5x8mm
## MPTS

Metallized Polypropylene round tube with screw terminals

<table>
<thead>
<tr>
<th>WVDC</th>
<th>Capacitance (µF)</th>
<th>IC PART NUMBER</th>
<th>Resonant Frequency (kHz)</th>
<th>Maximum RMS Ripple Current (A)</th>
<th>Typical ESR (mΩ)</th>
<th>Thermal Resistance (°C/W)</th>
<th>Dims Dxl (mm)</th>
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