**Type WMF Polyester Film Capacitors**

**Film/Foil Axial Leads**

| Voltage Range: 50—630 Vdc (35-250 Vac, 60 Hz) |
| Capacitance Range: .001—5 µF |
| Capacitance Tolerance: ±10% (K) standard ±5% (J) optional |
| Operating Temperature Range: –55 °C to 125 °C* |
| *Full-rated voltage at 85 °C–Derate linearly to 50%-rated voltage at 125 °C |
| Dielectric Strength: 250% (1 minute) |
| Dissipation Factor: .75% Max. (25 °C, 1 kHz) |
| Insulation Resistance: 30,000 MΩ x µF 100,000 MΩ Min. |

**Commercial, Industrial Applications**

Type WMF axial-led, polyester film/foil capacitors, available in a wide range of capacitance and voltage ratings, offer excellent moisture resistance capability with extended foil, non-inductive wound sections, epoxy sealed ends and a sealed outer wrapper. Like the Type DMT, Type WMF is an ideal choice for most applications, especially those with high peak currents.

**Specifications**

- **Cap. Catalog D L d dV/dt**

<table>
<thead>
<tr>
<th>Cap. (µF)</th>
<th>Part Number</th>
<th>D (inches)</th>
<th>L (mm)</th>
<th>d (inches)</th>
<th>(mm)</th>
<th>dV/dt V/µs</th>
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</thead>
<tbody>
<tr>
<td>0.0022</td>
<td>WMF1D22K-F</td>
<td>0.188</td>
<td>4.8</td>
<td>0.562</td>
<td>14.3</td>
<td>0.020</td>
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<tr>
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<td>0.562</td>
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<tr>
<td>0.0150</td>
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<td>20.6</td>
<td>0.024</td>
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<td>0.024</td>
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<td>27.0</td>
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**Ratings and Dimensions**

<table>
<thead>
<tr>
<th>Cap. (µF)</th>
<th>Part Number</th>
<th>D (inches)</th>
<th>L (mm)</th>
<th>d (inches)</th>
<th>(mm)</th>
<th>dV/dt V/µs</th>
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Complies with the EU Directive 2002/95/EC requirement restricting the use of Lead (Pb), Mercury (Hg), Cadmium (Cd), Hexavalent chromium (Cr(VI)), Poly-Brominated Biphenyls (PBB) and PolyBrominated Diphenyl Ethers (PBDE).

NOTE: Other capacitance values, sizes and performance specifications are available. Contact us.
### Type WMF Polyester Film Capacitors

<table>
<thead>
<tr>
<th>Cap. (μF)</th>
<th>D (inches)</th>
<th>L (inches)</th>
<th>d (inches)</th>
<th>dV/dt</th>
<th>V/μs</th>
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<tbody>
<tr>
<td>WMF1P27K-F</td>
<td>0.375 (9.5)</td>
<td>1.187 (30.1)</td>
<td>0.024 (0.6)</td>
<td>1600</td>
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<tr>
<td>WMF1P33K-F</td>
<td>0.413 (10.5)</td>
<td>1.187 (30.1)</td>
<td>0.024 (0.6)</td>
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<tr>
<td>WMF1P39K-F</td>
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<td>WMF1P47K-F</td>
<td>0.492 (12.5)</td>
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<tr>
<td>WMF2P15K-F</td>
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<tr>
<td>WMF2P22K-F</td>
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<tr>
<td>WMF2P27K-F</td>
<td>0.260 (6.6)</td>
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<td>WMF2P33K-F</td>
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<td>WMF2P39K-F</td>
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<td>WMF2P47K-F</td>
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<td>WMF2P55K-F</td>
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<td>7500</td>
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<tr>
<td>WMF2P68K-F</td>
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<td>0.024 (0.6)</td>
<td>7500</td>
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<tr>
<td>WMF2P82K-F</td>
<td>0.300 (7.6)</td>
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<tr>
<td>WMF2P9K-F</td>
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<td>0.024 (0.6)</td>
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<tr>
<td>WMF2P15K-F</td>
<td>0.375 (9.5)</td>
<td>0.937 (23.8)</td>
<td>0.024 (0.6)</td>
<td>9000</td>
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<tr>
<td>WMF2P22K-F</td>
<td>0.413 (10.5)</td>
<td>1.187 (30.1)</td>
<td>0.024 (0.6)</td>
<td>9000</td>
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<tr>
<td>WMF2P27K-F</td>
<td>0.500 (12.7)</td>
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### Capacitor Details
- **Type**: WMF
- **Polyester Film Capacitors**
- **Voltage**: 400 Vdc
- **Note**: All capacitors are rated for 600/630 Vdc (250 Vac) and 400 Vdc (200 Vac) as specified by the manufacturer.