FEATURES

Surge Protective Device Component with thermal protection designed to open in the event of overheating due to an abnormal over-voltage, with High Fault Current.

- Quick response and MOV cutoff function with disconnector and arc extinguishing device (Patent Pending).
- Wide operating temperature range (-40°C to + 85°C).
- High surge current capability.
- Low leakage current.
- Two way failure indicator when TTxxxMOV has been disconnected from the circuit.
  1. The Isolated Normally Open switch terminals can be connected to a monitoring circuit.
  2. A red indicator extends thru the top and provides a visual indication
- Application in AC mains, service entrance, and heavy industrial etc.
- All products have a SCCR rating of 200 kA rms
- All products approved to UL1449 4th Edition, Type 4 tested to Type 1 or 2 Listed to UL and CSA file # E337840

Component for PCB Mounting

<table>
<thead>
<tr>
<th>Type</th>
<th>Continuous MCOV</th>
<th>Max Peak Current</th>
<th>Test Current</th>
<th>Rating</th>
<th>Energy (2ms)</th>
<th>Varistor Voltage</th>
<th>Max Clamping Voltage</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Vrms (V)</td>
<td>Vdc (V)</td>
<td>Imax (kA)</td>
<td>In (kA)</td>
<td>VPR rating</td>
<td>WTM (J)</td>
<td>V1mA (V)</td>
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<tr>
<td>TT150MOV</td>
<td>150</td>
<td>200</td>
<td>50</td>
<td>20</td>
<td>600</td>
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<td>900</td>
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<td>430</td>
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<td>1500</td>
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<td>910</td>
<td>40</td>
<td>20</td>
<td>2500</td>
<td>1100</td>
<td>1100</td>
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</tbody>
</table>
MDE Semiconductor, Inc.
TTxxxMOV
Mechanical layout

DIMENSIONS ARE IN inch (mm)
MDE Semiconductor, Inc.

TTxxxMOV

PCB Layout

BOARD LAYOUT DIMENSIONS
DIMENSIONS ARE IN inch (mm)

MONITOR LAYOUT DIMENSIONS
DIMENSIONS ARE IN inch (mm)