TRANSIENT TAMER™ MOV

High Energy Thermally Protected TTxxxMOV
VOLTAGE-150 to 690 Volts AC
Integrated Transient Surge Protector

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 3rd 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>
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</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>
<td>360</td>
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<td>430</td>
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<td>20</td>
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<td>910</td>
<td>40</td>
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<td>2500</td>
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<td>1100</td>
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</table>
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)