Bourns Multifuse Product Line Announces
New Series of High Temperature PPTC Resettable Fuses

Model MF-FSHT Series

Riverside, California – December 7, 2020 – The Bourns Multifuse Product Line is pleased to announce the release of the new Model MF-FSHT Series High Temperature Surface Mount Polymer Positive Temperature Coefficient (PPTC) Resettable Fuses. The new series provides $I_{\text{hold}}$ current ratings from 0.05 A to 0.16 A at the 12 V maximum rated voltage and a maximum operating temperature up to +125 °C.

The addition of the new Model MF-FSHT series provides a broader standard high temperature PPTC offering to customers with high working temperature requirements, particularly in industrial and other demanding applications. The new Bourns® Model MF-FSHT series utilizes Bourns’ innovative freeXpansion™ design that increases the performance of the resettable fuse with:

- Higher hold current ratings ($I_{\text{hold}}$)
- Higher maximum voltage ratings ($V_{\text{max}}$)
- Improved resistance stability
- Smaller footprints

<table>
<thead>
<tr>
<th>Series</th>
<th>Size (EIA)</th>
<th>$I_{\text{hold}}$ (A)</th>
<th>$I_{\text{max}}$ (A)</th>
<th>$V_{\text{max}}$ (V)</th>
<th>Operating Temperature</th>
<th>RoHS Compliant*</th>
<th>Agency Recognition</th>
</tr>
</thead>
<tbody>
<tr>
<td>MF-FSHT</td>
<td>0603</td>
<td>0.05 – 0.16</td>
<td>40</td>
<td>12</td>
<td>-40 °C to +125 °C</td>
<td>Yes</td>
<td>cUL and TÜV</td>
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</tbody>
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The new model MF-FSHT series Multifuse® PPTC products are RoHS compliant* and are produced in Bourns’ IATF 16949 certified facility in Xiamen, China.

**Features**
- Operating temperature range up to 125 °C
- Higher hold currents at elevated temperatures
- Low thermal derating factor
- Small 0603 footprint size with low profile for space-constrained applications
- Surface mount packaging for automated assembly
- RoHS compliant*
- cUL and TÜV recognized

**Applications**
- Overcurrent surge protection of electronic equipment required to operate at elevated temperatures
- Resettable fault protection for industrial and consumer electronic equipment

For additional information on Bourns® Multifuse® PPTC Resettable Fuses, please visit bourns.com/products/circuit-protection/resettable-fuses-multifuse-pptc. Should you have any questions, please feel free to contact Customer Service/Inside Sales.