Select Bourns® Metal Oxide Varistors

Part Number and Lead Style Change

Riverside California – December 9, 2022 – Effective immediately, Bourns will update select Bourns® Metal Oxide Varistor (MOV) part numbers to comply with the part number naming rules for our expanded MOV product offering. Bourns will also change the kinked lead style of select Bourns® Metal Oxide Varistors from “Outward” to “In-line” to improve the integrity of tape and reel packing.

The form of the MOV will change due to the change in appearance of the new terminals. The fit of the varistors will change because of the change in the type of terminals. The function, quality and reliability of the varistors will remain the same. The product drawing provided below shows the changes as well as a list of the affected part numbers.

1. Updating Select MOV Part Numbers

<table>
<thead>
<tr>
<th>Affected Part Number</th>
<th>Old Part Number</th>
<th>New Part Number</th>
</tr>
</thead>
<tbody>
<tr>
<td>MOV-14D152K</td>
<td></td>
<td>MOV-14D152KK</td>
</tr>
<tr>
<td>MOV-14D182K</td>
<td></td>
<td>MOV-14D182KK</td>
</tr>
<tr>
<td>MOV-20D152K</td>
<td></td>
<td>MOV-20D152KK</td>
</tr>
<tr>
<td>MOV-20D182K</td>
<td></td>
<td>MOV-20D182KK</td>
</tr>
</tbody>
</table>

* Note: There is no straight lead option for MOV part numbers MOV-14D152K, MOV-14D182K, MOV-20D152K, and MOV-20D182K.

Users should verify that the described changes will not impact the performance of the product in their specific applications.
2. Changing the Kinked Lead Style

<table>
<thead>
<tr>
<th>Affected Part Number</th>
<th>MOV-14D821KK</th>
</tr>
</thead>
<tbody>
<tr>
<td>MOV-14D911KK</td>
<td></td>
</tr>
<tr>
<td>MOV-14D102KK</td>
<td></td>
</tr>
<tr>
<td>MOV-14D112KK</td>
<td></td>
</tr>
</tbody>
</table>

Under the new MOV naming scheme, MOV-14Dnn(n)K, with one “K” at the end, represents the straight leads and MOV-14Dnn(n)KK, with two “KK” at the end, represents kinked leads. Please refer to the complete MOV naming rules provided below for more details.

**MOV Naming Rules**

- **Model Designator**
  - **MOV** = Metal Oxide Varistor

- **Disc Diameter**
  - 14D = 14 mm

- **Nominal Varistor Voltage**
  - See Electrical Characteristics Table

- **Multiplier of Voltage Digits**
  - 0 = No multiplier
  - 1 = 
n 10^1
  - 2 = 
n 10^2

- **Varistor Voltage Tolerance**
  - K = 10 %

- **Lead Style**
  - Blank = Straight Leads
  - K = Kinked Leads

- **Packaging**
  - Blank = Bulk
  - TR = Tape & Reel*

* Models MOV-14D911K, 102K, 112K, 152K and 182K are not available in Tape & Reel packaging.

If you have any questions or need additional information, please feel free to contact Customer Service/Inside Sales.