



PRODUCT CHANGE NOTIFICATION

VARISTORS



Select Bourns® Metal Oxide Varistors

Terminal Type Change

Riverside, California – September 14, 2021 – Effective October 15, 2021, Bourns will change the terminals of select Bourns® Metal Oxide Varistors from straight leads to kinked leads. To comply with UL requirements, the thickness of the MOV ceramic disc was increased in the parts listed below.

Affected Part Numbers

[MOV-14D152K](#)

[MOV-14D182K](#)

[MOV-20D152K](#)

[MOV-20D182K](#)

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. However, the lead space between the connecting leads will not change so the same mounting pads can be used as before. The function, quality and reliability of the varistors will remain the same. The images below show the changes.

BEFORE

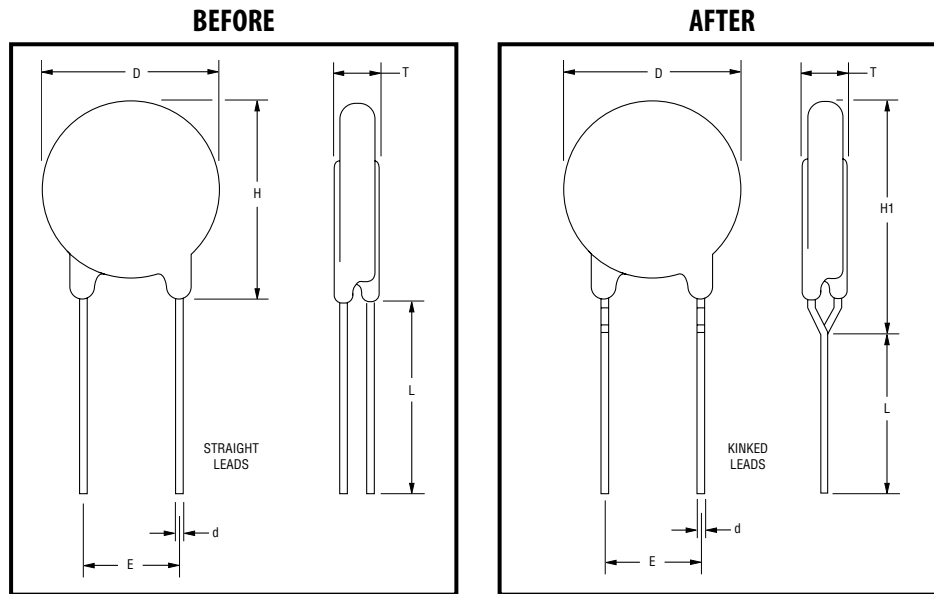


AFTER



Users should verify that the described changes will not impact the performance of the product in their specific applications.

GDT2136



Bourns Part Number	D	H / H1	T	d	E	L
	Max.	Max.	Max.	± 0.1 (± 0.004)	± 0.8 (± 0.315)	Min.
MOV-14D152K Before (Straight Leads)	$\frac{16.5}{(.650)}$	$\frac{22}{(.866)}$	$\frac{9.5}{(.374)}$	$\frac{0.8}{(.315)}$	$\frac{7.5}{(.295)}$	$\frac{20}{(.787)}$
MOV-14D152K After (Kinked Leads)	$\frac{16.5}{(.650)}$	$\frac{23}{(.906)}$	$\frac{11.0}{(.433)}$	$\frac{0.8}{(.315)}$	$\frac{7.5}{(.295)}$	$\frac{20}{(.787)}$
MOV-14D182K Before (Straight Leads)	$\frac{16.5}{(.650)}$	$\frac{22}{(.866)}$	$\frac{11.7}{(.461)}$	$\frac{0.8}{(.315)}$	$\frac{7.5}{(.295)}$	$\frac{20}{(.787)}$
MOV-14D182K After (Kinked Leads)	$\frac{16.5}{(.650)}$	$\frac{23}{(.906)}$	$\frac{12.6}{(.496)}$	$\frac{0.8}{(.315)}$	$\frac{7.5}{(.295)}$	$\frac{20}{(.787)}$
MOV-20D152K Before (Straight Leads)	$\frac{23}{(.906)}$	$\frac{28}{(1.102)}$	$\frac{10.2}{(.402)}$	$\frac{1.0}{(.039)}$	$\frac{10}{(.394)}$	$\frac{20}{(.787)}$
MOV-20D152K After (Kinked Leads)	$\frac{23}{(.906)}$	$\frac{30}{(1.181)}$	$\frac{11.4}{(.449)}$	$\frac{1.0}{(.039)}$	$\frac{10}{(.394)}$	$\frac{20}{(.787)}$
MOV-20D182K Before (Straight Leads)	$\frac{23}{(.906)}$	$\frac{28}{(1.102)}$	$\frac{12.2}{(.480)}$	$\frac{1.0}{(.039)}$	$\frac{10}{(.394)}$	$\frac{20}{(.787)}$
MOV-20D182K After (Kinked Leads)	$\frac{23}{(.906)}$	$\frac{30}{(1.181)}$	$\frac{13.0}{(.512)}$	$\frac{1.0}{(.039)}$	$\frac{10}{(.394)}$	$\frac{20}{(.787)}$

 DIMENSIONS: MM
(INCHES)

New Metal Oxide Varistor samples will be available September 27, 2021.

Implementation dates are as follows:

Date that products in existing design will cease: **October 15, 2021**

Date that deliveries of products in modified design will begin: **October 31, 2021**

First date code using the above changes: **2141**

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