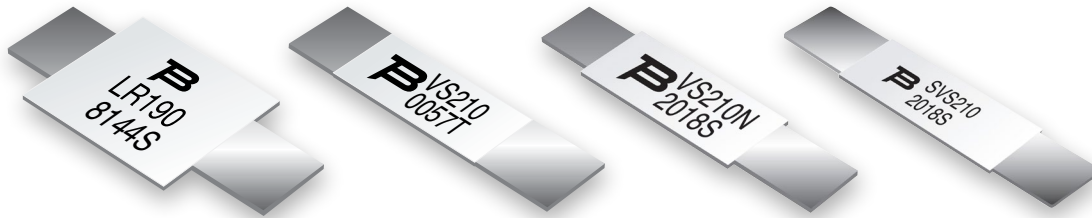




PRODUCT CHANGE NOTIFICATION

MULTIFUSE® PPTC RESETTABLE FUSES



Bourns® Model MF-LR, MF-VS, MF-VSN and MF-SVS Multifuse® PPTC Resettable Fuses *Change of Formulation*

Riverside, California – September 22, 2022 – Effective December 31, 2022, Bourns will change the formulation of the Model [MF-LR](#), [MF-VS](#), [MF-VSN](#) and [MF-SVS](#) PPTC Resettable Fuses due to the obsolescence of a material used in the current product formulation.

Bourns has completed its evaluation of the alternatives from the existing supplier and has selected a replacement material.

The fit, form, function, quality and reliability of the affected Multifuse® PPTC Resettable Fuses with the replacement formulation will remain the same. There will be no change to the specifications in the data sheets for the models with the replacement formulation. The Bourns® Multifuse® PPTC Resettable Fuse models with the replacement formulation will continue to be RoHS compliant* and halogen free**. Samples built with the new formulation and test reports are available upon request.

As with any change in materials, we highly recommend that customers test the affected part numbers made with the new formulation in their specific applications for verification of satisfactory performance.

Implementation dates are as follows:

Last time buy date for products with current formulation: **December 31, 2022**

Last time ship date for products with current formulation: **March 31, 2023**

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

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

* RoHS Directive 2015/863, Mar 31, 2015 and Annex.

** Bourns considers a product to be "halogen free" if (a) the Bromine (Br) content is 900 ppm or less; (b) the Chlorine (Cl) content is 900 ppm or less; and (c) the total Bromine (Br) and Chlorine (Cl) content is 1500 ppm or less.

MF2219