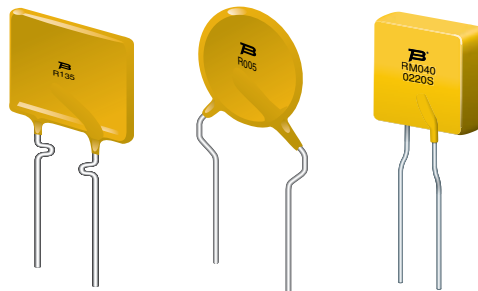


BOURNS®

Product Change Notification

MULTIFUSE® PPTC RESETTABLE FUSES



December 18, 2018

Bourns® Radial Leaded Multifuse® Polymer PTC Resettable Fuses

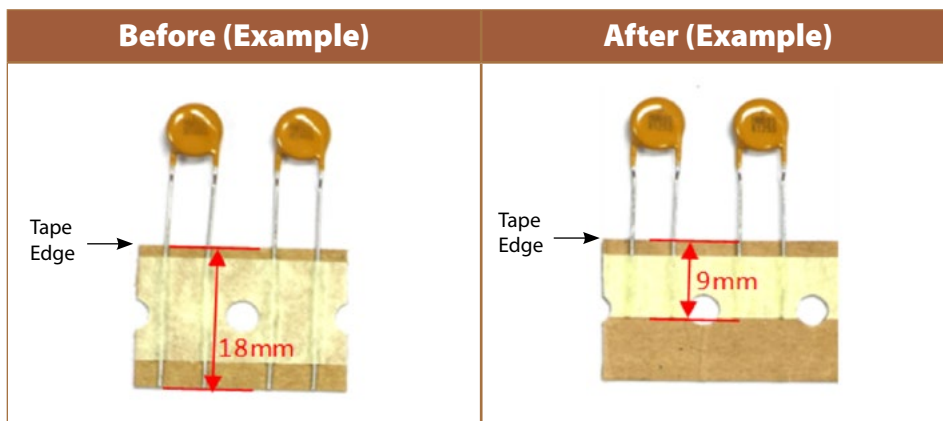
Changes to Tape and Reel Packaging

The tape and reel packaging for a variety of Bourns® Radial Leaded [Multifuse® Polymer PTC Resettable Fuses](#) is being improved. This PCN covers the following two changes:

- 1) Reduction in lead length scrap material for tape and reel packaging
- 2) Change in reeling direction to conform to EIA-468 requirements

Lead Length Scrap Reduction

For the Multifuse® models listed in the “Affected Part Numbers” table in this PCN, the total length of the leads will be shortened as shown in the example pictures below. The actual dimension changes will vary between models. However, assuming the components are removed from the tape and reel packaging by cutting the leads at the tape edge, the form, fit and function of the components are not affected. Only the length of the scrap lead material remaining in the tape will change. There is no change in the mechanical, electrical or material properties, and the components’ performance and agency recognition remains the same. Changed products can be identified by date code according to the implementation timeline outlined in this PCN. Samples are available upon request.

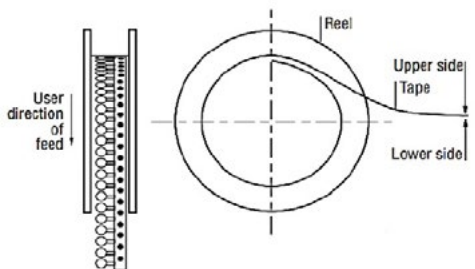
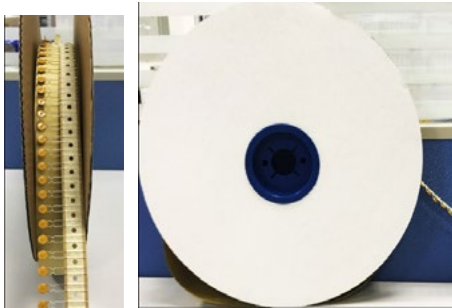
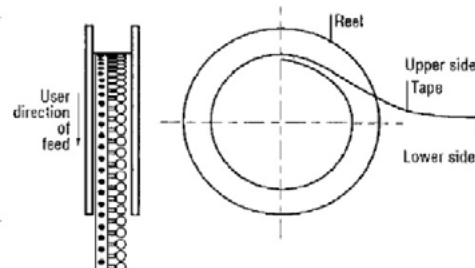
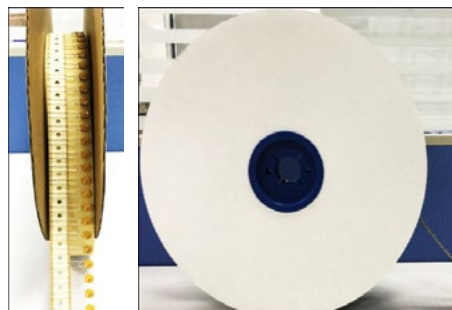


Users should verify that the described changes will not impact the performance of the product in their specific applications.

MF1818

Reeling Direction

The reeling direction of the Multifuse® models listed in the “Affected Part Numbers” table will be changed according to the drawings and packaging photos below. The current reeling direction for the affected Multifuse® models is not in compliance with EIA-468 requirements, so Bourns is taking this opportunity to improve its packaging method by bringing the reeling direction in line with the EIA-468 standard. There are no other changes to the packaging materials or the tape or reel dimensions. Customers who wish to continue receiving the current non-conforming reeling direction may elect to do so by contacting their local Bourns sales or customer service representative. In such cases, a special suffix may be added to the end of the part number in order to ensure compliance with the customer’s desire for the non-EIA-468 compliant reeling direction going forward. (Note: The Bourns Multifuse product line recommends that customers elect to stay with the current non-conforming reeling direction only under very special circumstances, and ideally only temporarily).

	Drawing	Actual Packaging Photos
Current Reeling Direction (not EIA-468 compliant)		
New Reeling Direction (EIA-468 compliant)		

Implementation dates are as follows:

- *Effective date:* **March 3, 2019**
- *First date codes:*
 - 9065 (for 4-digit date codes)
 - 9J (for 2-digit date codes)
- Finished goods stock prior to the change will continue to be shipped until depleted

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

Bourns® Radial Leaded Multifuse® Polymer PTC Resettable Fuses - Changes to Tape and Reel Packaging

December 18, 2018

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Affected Products

MF-R005-2	MF-R065-AP	MF-R250U-2	MF-RG1100-2	MF-RX014/250U-2
MF-R005-2-H5	MF-R065-AP-99	MF-R300-2	MF-RG1100-AP	MF-RX018/250-2
MF-R005-AP	MF-R075-2	MF-R300-2-14	MF-RHT050-2	MF-RX018/250U-2
MF-R005-AP-99	MF-R075-2-99	MF-R300-2-99	MF-RHT070-2	MF-RX018/250F-2
MF-R010-2	MF-R075-AP	MF-R300-2-X4	MF-RHT100-2	MF-RX018/250FU-2
MF-R010-2-17	MF-R075-AP-99	MF-R300-AP	MF-RHT100-AP	MF-RX020/72-2
MF-R010-2-99	MF-R090-2	MF-R300-AP-14	MF-RHT200/32-2	MF-RX020/72-AP
MF-R010-AP	MF-R090-2-17	MF-R300-AP-99	MF-RHT200-2	MF-RX025/72-2
MF-R010-AP-99	MF-R090-2-9	MF-R400-2	MF-RHT200-2-AA	MF-RX030/72-2
MF-R017-2	MF-R090-2-99	MF-R400-2-14	MF-RHT300-2	MF-RX040/72-2
MF-R017-2-99	MF-R090-2-9-99	MF-R400-2-14-99	MF-RHT300-AP	MF-RX050/72-2
MF-R017-2-H5	MF-R090-AP	MF-R400-2-99	MF-RHT400-2	MF-RX050/72-AP
MF-R017-2-X4	MF-R090-AP-9	MF-R400-AP	MF-RHT400-AP	MF-RX065/72-2
MF-R017-AP	MF-R090-AP-99	MF-R400-AP-99	MF-RHT450-2	MF-RX075/72-2
MF-R017-AP-99	MF-R090-AP-9-99	MF-R055/90-2	MF-RHT450-AP	MF-RX090/72-2
MF-R020-2	MF-R110-2	MF-R055/90U-2	MF-RHT500-2	MF-RX110/72-2
MF-R020-2-99	MF-R110-2-99	MF-R055/90U-AP	MF-RHT500-AP	MF-RX110/72-AP
MF-R020-2-X4	MF-R110-AP	MF-R075/90-2	MF-RHT550-2	MF-RX135/72-2
MF-R020-AP	MF-R110-AP-99	MF-R075/90-2-17	MF-RHT550-AP	MF-RX135/72-AP
MF-R020-AP-99	MF-R135-2	MF-R075/90-AP	MF-RHT600-2	MF-RX135/72-AP-14
MF-R025-2	MF-R135-2-99	MF-RG300-2	MF-RHT600-AP	MF-RX160/72-2
MF-R025-2-99	MF-R135-AP	MF-RG300-2-14	MF-RHT650-2	MF-RX160/72-2-14
MF-R025-AP	MF-R135-AP-99	MF-RG400-2	MF-RHT650-AP	MF-RX160/72-AP
MF-R025-AP-99	MF-R160-2	MF-RG400-2-14	MF-RHT700-2	MF-RX185/72-2
MF-R030-2	MF-R160-2-99	MF-RG400-AP	MF-RHT700-AP	MF-RX185/72-2-14
MF-R030-2-99	MF-R160-AP	MF-RG500-2	MF-RHT750-2	MF-RX185/72-AP
MF-R030-2-X4	MF-R160-AP-99	MF-RG500-AP	MF-RHT800-2	MF-RX110-2
MF-R030-AP	MF-R185-2	MF-RG600-2	MF-RHT800-AP	MF-RX110-2-14
MF-R030-AP-99	MF-R185-2-99	MF-RG600-2-14	MF-RHT900-2	MF-RX110-2-99
MF-R040-2	MF-R185-AP	MF-RG600-AP	MF-RHT900-AP	MF-RX135-2
MF-R040-2-99	MF-R185-AP-99	MF-RG650-2	MF-RM005/240-2	MF-RX135-2-14
MF-R040-2-X4	MF-R250-2	MF-RG650-AP	MF-RM008/240-2	MF-RX135-2-99
MF-R040-AP	MF-R250-2-10	MF-RG700-2	MF-RM012/240-2	MF-RX160-2
MF-R040-AP-99	MF-R250-2-10-99	MF-RG800-2	MF-RM016/240-2	MF-RX160-2-99
MF-R050-2	MF-R250-2-14	MF-RG800-2-14	MF-RM025/240-2	MF-RX160-AP
MF-R050-2-99	MF-R250-2-99	MF-RG800-AP	MF-RM033/240-2	MF-RX185-2
MF-R050-AP	MF-R250-AP	MF-RG900-2	MF-RM040/240-2	MF-RX185-2-14
MF-R050-AP-99	MF-R250-AP-10	MF-RG900-AP	MF-RM040/240-2-T4	MF-RX185-2-14-99
MF-R065-2	MF-R250-AP-10-99	MF-RG1000-2	MF-RM055/240-2	MF-RX185-2-99
MF-R065-2-99	MF-R250-AP-99	MF-RG1000-AP	MF-RX012/250U-2	