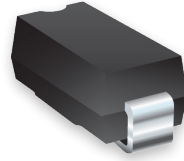




PRODUCT CHANGE NOTIFICATION

DIODES

REVISED FEBRUARY 23, 2023



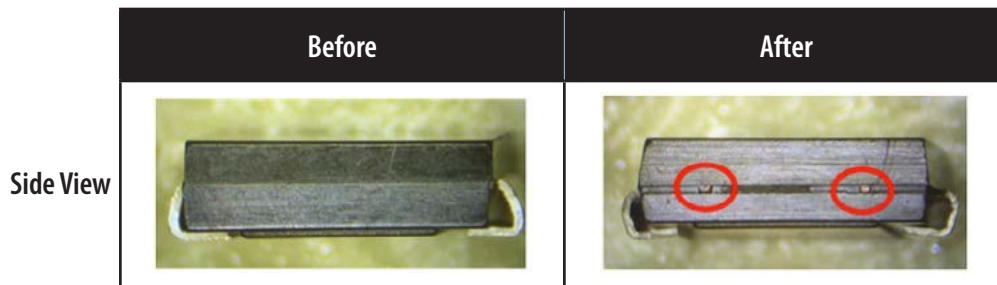
Select Bourns® Model SMCJ, ~~1.5SMC~~ & SMLJ Series Commercial Grade TVS Diodes

Automated Assembly Process and Uniform Die Size

Riverside California – February 21, 2023 – Effective June 30, 2023, Bourns will start using a uniform die size and automated assembly process to enhance the quality and production efficiency of select Bourns® Model [SMCJ](#), ~~1.5SMC~~ and [SMLJ](#) Series Commercial Grade TVS Diodes housed in an SMC package.

The electrical performance of the affected models will continue to meet the existing data sheet specifications for each model. The fit, function and reliability of the affected product will remain the same. Packaging dimensions for the affected products will remain the same.

The changes will affect the form of the product, as depicted below. With the new process, tie bars will be visible at the side of the package, but there is no internal connection between these tie bars.



A list of affected part numbers is provided below. Samples of the new model design are available upon request. Bourns recommends that customers test the affected part number in their specific applications for verification of satisfactory performance.

| Affected Part Numbers | | | |
|-------------------------|------------|------------|------------|
| 1.5SMC440A | SMCJ85CA-H | SMLJ12CA | SMLJ48CA-H |
| 1.5SMC440A-H | SMLJ28A | SMLJ12CA-H | SMLJ58CA |
| SMCJ13A | SMLJ28A-H | SMLJ28CA | SMLJ58CA-H |
| SMCJ13A-H | SMLJ58A | SMLJ28CA-H | SMLJ70CA |
| SMCJ85CA | SMLJ58A-H | SMLJ48CA | SMLJ70CA-H |

Implementation dates are as follows:

Date that manufacturing of existing products will cease: **June 30, 2023**

Date that deliveries of modified products will begin: **July 3, 2023**

First date code using the above changes: **2327**

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.

ESD2303REV