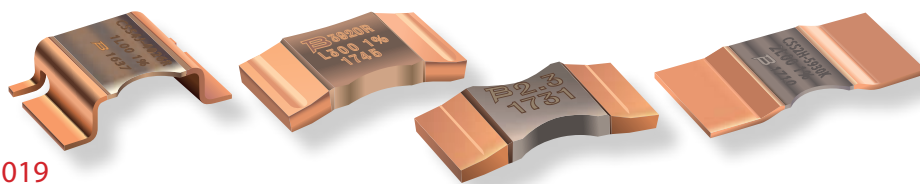


# PRODUCT CHANGE NOTIFICATION

## CURRENT SENSE RESISTORS



REVISED August 29, 2019

### Bourns® Model CSS Series Current Sense Resistors

#### *Change in Trimming*

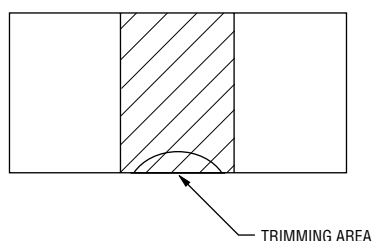
Riverside, California – August 21, 2019 – **Effective September 21, 2019**, Bourns is changing the way that it trims the resistive element in the Model CSS Series current sense resistors. Trimming allows for fine adjustments of the accurate nominal resistance value.

Previously, Bourns trimmed only one side of the resistive element. Bourns will now trim both sides of the resistive element symmetrically, if a larger trimming area is needed. In such cases, symmetrical trimming will help improve heat distribution for that resistor. Bourns will continue to trim only one side of the resistive element if a standard trimming area is needed.

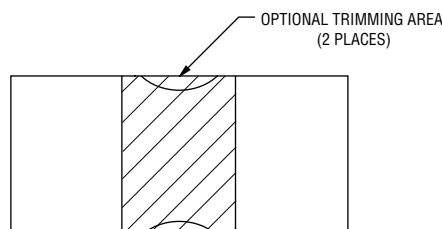
In one-sided trimming, a full radius is trimmed on one side of the resistor. When both sides of the resistor are trimmed, half of the full radius is trimmed on each side of the resistor symmetrically.

Trimming on both sides of a Model CSS Series current sense resistor does not affect the fit, function, quality or reliability of the resistor or the published specifications for the resistor. It does affect the form in that the radius is different for the two types of trimming.

**Drawing with Trimming on One Side**



**Drawing with Trimming on Both Sides**



Affected Model [CSS2H-2512](#), [CSS2H-3920](#), [CSS2H-5930](#) and [CSSS4J-4026](#) part numbers are listed on page 2.

| Affected Part Numbers |                    |
|-----------------------|--------------------|
| CSS2H-2512K-1L80F     | CSS2H-3920R-L200F  |
| CSS2H-2512K-1L80FE    | CSS2H-3920R-L200FE |
| CSS2H-2512K-2L00F     | CSS2H-3920R-L300F  |
| CSS2H-2512K-2L00FE    | CSS2H-3920R-L300FE |
| CSS2H-2512K-2L00J     | CSS2H-3920R-L500F  |
| CSS2H-2512K-2L30F     | CSS2H-3920R-L500FE |
| CSS2H-2512K-2L30FE    | CSS2H-3920R-L700F  |
| CSS2H-2512K-3L00F     | CSS2H-5930K-1L00F  |
| CSS2H-2512K-3L00FE    | CSS2H-5930K-1L00FE |
| CSS2H-2512K-3L50F     | CSS2H-5930K-2L00F  |
| CSS2H-2512K-3L50FE    | CSS2H-5930K-2L00FE |
| CSS2H-2512K-4L00F     | CSS2H-5930K-3L00F  |
| CSS2H-2512K-5L00F     | CSS2H-5930K-3L00FE |
| CSS2H-2512R-1L00F     | CSS2H-5930R-L200F  |
| CSS2H-2512R-1L00FE    | CSS2H-5930R-L300F  |
| CSS2H-2512R-1L00J     | CSS2H-5930R-L500F  |
| CSS2H-2512R-L300F     | CSS2H-5930R-L500FE |
| CSS2H-2512R-L500F     | CSS4J-4026K-2L00F  |
| CSS2H-2512R-L500FE    | CSS4J-4026K-2L00FE |
| CSS2H-3920K-2L00F     | CSS4J-4026K-3L00F  |
| CSS2H-3920K-2L00FE    | CSS4J-4026R-5L00F  |
| CSS2H-3920K-2L50F     | CSS4J-4026R-L500FE |
| CSS2H-3920K-3L00F     | CSS4J-4026R-1L00F  |
| CSS2H-3920K-3L00FE    | CSS4J-4026R-1L00FE |
| CSS2H-3920K-4L00F     | CSS4J-4026R-L200F  |
| CSS2H-3920K-5L00F     | CSS4J-4026R-L300F  |
| CSS2H-3920R-1L00F     | CSS4J-4026R-L500F  |
| CSS2H-3920R-1L00FE    | CSS4J-4026R-L500FE |

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