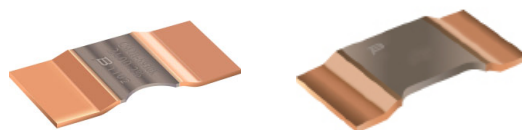




PRODUCT EXTENSION RELEASE

RESISTORS



Bourns® CSS2H-5930 and CSI2H-5930 Current Sense Resistor Extension

Riverside, California - August 20, 2026 – The Bourns® [CSS2H-5930](#) and [CSI2H-5930](#) Series now offer a 0.1 mΩ resistance value for current sensing applications. The surface mount resistors use an electron-beam-welded metal strip design and provide 15 W power rating, low inductance, low TCR, and low thermal EMF. The CSS2H-5930 Series is AEC-Q200 compliant and automotive grade. Both series are RoHS compliant* and halogen free**.

Characteristics:

Model	Power Rating @70 °C	Operating Temperature	Temperature Coefficient including Copper Terminals (20~60 °C)	Inductance	Resistance Tolerance
CSS2H-5930R-L100x	0.1 mΩ / 15 W	-55 to +170 °C	±275 ppm/°C	Material type R: < 3 nH Material type K: < 5 nH	±1 %, ±5 %
CSI2H-5930R-L100x	0.1 mΩ / 15 W	-55 to +170 °C	±275 ppm/°C	Material type R: < 3 nH Material type K: < 5 nH	±1 %, ±2 %, ±5 %

Please visit the Bourns website at www.bourns.com for additional product details and contact [Bourns Customer Service/Inside Sales](#) if you have any questions.

Features

- EB welded metal strip
- High power up to 15 W
- Excellent long-term stability
- Low resistance, low TCR
- Low thermal EMF
- RoHS compliant* and halogen free**
- AEC-Q200 compliant (CSS2H-5930)
-  **AUTOMOTIVE** (CSS2H-5930)

Applications

- Current sensing
- Voltage division
- Battery management systems (CSS2H-5930)
- Power modules
- Frequency converters
- Industrial

Additional Information

[DATA SHEET](#)[DATA SHEET](#)[PRODUCT SELECTOR](#)[TECHNICAL LIBRARY](#)[INVENTORY](#)[SAMPLES](#)[CONTACT](#)

* 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.

N2630