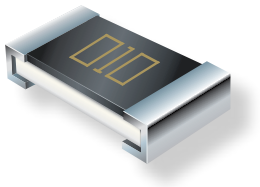
BOURNS®

NEW PRODUCT RELEASE

FIXED RESISTORS



Bourns Fixed Resistor Product Line Announces New AEC-Q200 Compliant Metal Foil Chip Resistors

Model CFN-A Series

Riverside, California – June 18, 2021 – Bourns is pleased to announce the introduction of its new AEC-Q200 compliant Model CFN-A Metal Foil Chip Resistor Series. This new surface mount series helps strengthen the already broad range of surface mount chip resistors offered by Bourns.

The new Model CFN-A metal foil chip resistor series is produced by using a metal foil resistive element mounted on a ceramic substrate with excellent heat conductivity.

The CFN-A series is available in four different footprints: 0402 (1005 metric), 0603 (1608 metric), 0805 (2012 metric) and 1206 (3216 Metric).

The metal foil resistive element of these chip resistors provides very low inductance, low noise, excellent reliability and very low resistance values down to five milliohms. The low resistance value makes them ideal for current sensing in consumer and telecommunication electronics and industrial automation applications.

This new family complements the other circuit conditioning components available from Bourns such as power inductors and rectifier diodes.

The product data sheet with detailed specifications can be viewed on the Bourns website at www.bourns.com. Please view www.bourns.com/products/resistors/metal-strip-chip-resistors for more information on Bourns® thick film chip resistors.

Should you have any questions or need additional information, please contact Customer Service/Inside Sales.

Features

- Metal foil
- High power density
- High reliability and stability
- RoHS compliant* and halogen free**
- AEC-Q200 compliant
- AUTOMOTIVE GRADE

Applications

- Current sensing
- Power supplies
- Stepper motor drives
- Input amplifiers

* 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.

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