BOURNS®

New Product Release

FIXED RESISTORS

ADVANCE NOTICE

Bourns Fixed Resistor Product Line Announces New Sulfur-Resistant, AEC-Q200 Compliant Series

Model CRxxxxA-AS Series

Riverside, California – TO BE RELEASED JUNE 14, 2019 – Bourns is pleased to announce the introduction of its new sulfur-resistant AEC-Q200 compliant thick film chip resistor series. This new surface mount series helps strengthen the already broad range of surface mount chip resistors being offered by Bourns.

The new sulfur-resistant AEC-Q200 compliant Model CRxxxxA-AS chip resistor series is available in eight different footprints from small 0201 (0603 metric) to 2512 (6432 metric) and offers rated power from 0.05 to 1 watt. The Model CRxxxxA-AS Series has a wide resistance range from 1 ohm to 20 megohms and is designed for general purpose applications.

These resistors are made using a thick film element printed onto a ceramic substrate, tested in accordance with ASTM B809-95 methods and are designed to operate in certain harsh environments exposed to high levels of sulfur contamination.

This new product family complements the other circuit conditioning components that Bourns offers 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 bourns.com/products/fixed-resistors/fixed-resistors-aec-q200-compliant-resistors for more information on Bourns® AEC-Q200 compliant fixed resistors.

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

Features

- Thick film technology
- Power rating up to 1 watt @ 70 °C
- RoHS compliant*
- Halogen free**
- Sulfur-resistant design (ASTM B-809)
- AEC-Q200 compliant

Applications

- General purpose applications

**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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