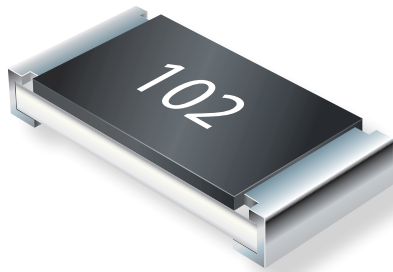


New Product Release

CHIP RESISTORS



Bourns Fixed Resistor Product Line Announces New Ultra-low Lead Content Thick Film Chip Resistor Series

Model CR-PF Series

Riverside, California - March 19, 2018 - Bourns is pleased to announce the introduction of its new [Model CR-PF Series Ultra-Low Lead Content* Thick Film Chip Resistors](#). This new surface mount series is RoHS compliant** without exemptions and offers a higher level of environmental consciousness for general purpose applications in the consumer, industrial and telecommunication markets. The new resistors help strengthen the already broad range of surface mount chip resistors offered by Bourns.

The Bourns® Model CR-PF resistors are made using thick film elements, printed onto a ceramic substrate and are compatible with all soldering processes. They are available in four different footprints from small 0402 (1050 Metric) up to 1206 (3116 Metric). The rated powers are from 1/16 watt to 1/4 watt with a resistance range from 1 ohm to 10 megohms.

This new family complements the other circuit conditioning components that Bourns offers such as [power inductors](#) and [rectifier diodes](#).

For further details on these exciting new models, please contact your nearest [Bourns representative](#).

Features

- Ultra-low lead content*
- RoHS compliant** without exemptions
- Green technology
- Halogen free***
- High reliability and stability
- Thick film paste on high grade ceramic substrate
- Paper tape on plastic reel
- Zero ohm jumper available

Applications

- General purpose
- Consumer
- Industrial
- Telecommunication
- Computer technology

* Such products may contain trace amounts of lead of less than 100 ppm.

** 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.