



## Bourns Announces New 01005-Size Thick Film Chip Resistor Series

### *Model CR01005 Series*

Riverside, California – May 12, 2020 – Bourns is pleased to announce the introduction of its new [Model CR01005 series thick film chip resistor](#). This extra small 01005 inch (0402 metric) CR01005 series broadens the general purpose thick film chip resistor family to eight different footprints up to 2512 (6431 metric).

The Model CR01005 series meets the current downsizing market trend and helps strengthen the already broad range of surface mount chip resistors being offered by Bourns. This new series is suitable for use in mobile devices, consumer electronics, industrial automation, power supplies, LED lighting applications and communication base stations.

This new chip resistor is made using a thick film element printed onto a ceramic substrate and 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 [bourns.com](#). Please view [bourns.com/products/fixed-resistors/thick-film-chip-resistors](#) for more information on Bourns<sup>®</sup> thick film chip resistors.

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

#### Features

- RoHS compliant\*
- Tight tolerance of bottom electrode width
- 1 % and 5 % tolerance options
- Three layer termination process with nickel barrier helps prevent leaching and provides excellent solderability
- Tape and reel packaging

#### Applications

- Mobile devices
- Consumer electronics
- Industrial automation
- Power supplies
- LED lighting
- Communication base stations

\*RoHS Directive 2015/863, Mar 31, 2015 and Annex.