BOURNS®

NEW PRODUCT RELEASE

RESISTORS



Bourns Releases New AEC-Q200 Compliant, Automotive Grade Thin Film Precision Chip Resistors

Model CRT-A Series

Riverside, California – August 22, 2024 – Bourns is pleased to announce the release of the Model CRT-A Series AEC-Q200 Compliant, Automotive Grade Thin Film Precision Chip Resistors.

The Model CRT-A Series is available in 0402, 0603, 0805 and 1206 sizes, supporting lower tolerances from ±0.1 % to ±1 %, with a wide TCR range from ±50 PPM/°C to ±10 PPM/°C.

This series is suitable for applications requiring a small package size with accurate resistance values, TCRs and resistance tolerances, such as mobile phones, SD cards, DDR memory modules, and automotive dash cameras, radios, etc.

The resistance range from 10 Ω to 1M Ω and TCR down to ±10 PPM/°C is equivalent to the supported resistance range of existing Bourns® thick film resistors, but the Model CRT-A Series provides higher resistance tolerance accuracy compared to thick film resistors. The Model CRT-A Series is a thin film automotive grade chip resistor delivering enhanced signal quality in an SMD package – an upgraded version of the CRT Series which can be designed into automotive applications.

Visit the Bourns Resistors Technical Library for application notes, white papers and other resistor technical documents: www.bourns.com/resources/technical-library/library-documents/resistors-technical-library. For further details on these exciting new models, please contact Customer Service / Inside Sales.

Features

- Tight tolerance
- Wide resistance range
- Four package sizes available
- Sulfur-resistant
- RoHS compliant*
- AEC-Q200 compliant
- AUTOMOTIVE GRADE

Applications

- Automotive
- Precision circuits
- DDR memory modules
- SD cards
- Automation equipment
- Navigation equipment

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

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