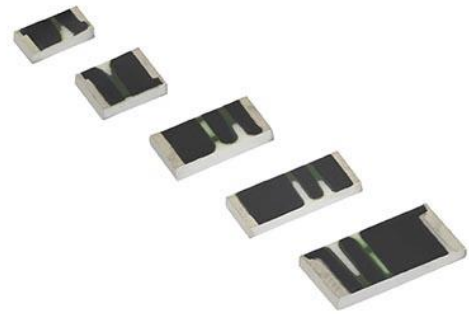


New CRHA Series AEC-Q200 Qualified High Voltage Thick Film Chip Resistors Offer Voltages to 3000 V and Stability of 1.0 % in Five Compact Case Sizes From 1206 to 2512 to Reduce Component Counts and PCB Size

Product Benefits:

- AEC-Q200 qualified
- Working voltages to 3000 V
- Stability of 1.0 %
- Power ratings up to 1.0 W
- Five compact case sizes from 1206 to 2512
- Wide resistance range from 2 M Ω to 500 M Ω
- Tolerances down to ± 1.0 %
- Temperature coefficients of ± 100 ppm/ $^{\circ}$ C
- Solder-coated nickel barrier terminations in a three-sided wraparound configuration
- RoHS-compliant with exemption, and halogen-free



Market Applications:

- Battery management and voltage monitoring, division, and regulation in power inverters and high voltage power supplies for automotive, industrial, and medical applications

The News:

Vishay Intertechnology introduces a new series of AEC-Q200 qualified high voltage thick film chip resistors. Offering working voltages to 3000 V, stability of 1.0 %, and power ratings up to 1.0 W, the Vishay Techno CRHA series is available in five compact case sizes ranging from 1206 to 2512.

- Better accuracy and stability than most standard thick film chip resistors
- Enable designers to reduce component counts, placement costs, and PCB size

The Key Specifications:

Part #	Case size	P _{70 °C} (W)	Max. working voltage (V)	Resistance range (Ω)
CRHA1206	1206	0.30	1500	2 M to 100 M
CRHA1210	1210	0.45	1750	4 M to 100 M
CRHA2010	2010	0.50	2000	6 M to 100 M
CRHA2510	2510	0.60	2500	10 M to 500 M
CRHA2512	2512	1.0	3000	10 M to 500 M

Availability: Samples and production quantities of the CRHA series are available now, with lead times of 8 to 12 weeks.



NEW PRODUCT INFORMATION

Product Group: Vishay Resistors, Thick Film / **March 2021**



To access the product datasheet on the Vishay Website, go to <http://www.vishay.com/ppg?68048> (CRHA)

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