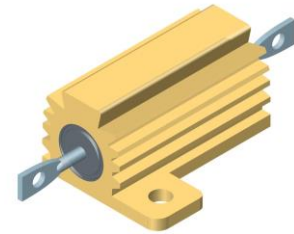


# RHA Series AEC-Q200 Qualified, Chassis-Mount Wirewound Resistors Offer High Reliability, Accuracy, and Stability for Pre-Charge and Discharge Applications in EVs

## Product Benefits:

- AEC-Q200 qualified
- Chassis-mount
- High reliability:
  - A completely welded and molded construction provides total environmental protection
  - Operating temperature range of -55 °C to +250 °C
- High power ratings up to 50 W in four small package sizes
- Tight tolerance down to  $\pm 1\%$
- TCR as low as 20 ppm/°C
- Wide resistance range from 0.1 k $\Omega$  to 39.2 k $\Omega$
- RoHS-compliant, halogen-free, and Vishay Green



## Market Applications:

- Pre-charge and discharge resistors in electric vehicles (EV)
- Voltage dividers in taillights and current limiters in dimming circuits for interior lighting

## The News:

Vishay Intertechnology introduces a new series of AEC-Q200 qualified, chassis-mount wirewound resistors targeted at the growing EV market.

- The resistors mount directly onto a chassis to utilize the heat-sink effect
- The devices' tight tolerances, low TCR, and wide resistance range enable higher accuracy and stability

## The Key Specifications:

Part number	Power rating P <sub>25</sub> (W)	Resistance range ( $\Omega$ )
RHA005	7.5	0.1 to 3.32 k
RHA010	12.5	0.1 to 5.62 k
RHA025	25	0.1 to 12.1 k
RHA050	50	0.1 to 39.2 k

## Availability:

Samples of the RHA series are available now. Production quantities will be available in April 2022, with lead times of eight to 12 weeks.

To access the product datasheet on the Vishay Website, go to <http://www.vishay.com/ppg?30406> (RHA)



## NEW PRODUCT INFORMATION

Product Group: Vishay Dale, Resistors / May 2022



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