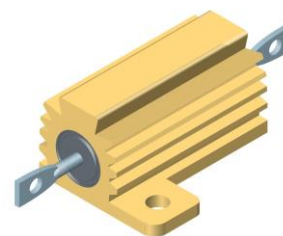


RHA Series AEC-Q200 Qualified, Chassis-Mount Wirewound Resistors Offer High Reliability, Accuracy, and Stability for Pre-Charge and Discharge Applications in EVs

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 Ω to 39.2 k Ω
- 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_{25} (W) | Resistance range (Ω) |
|-------------|---------------------------|-------------------------------|
| 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



Contact Information:

THE AMERICAS

David Venable
david.venable@vishay.com

EUROPE

Jens Walther
Jens.walther@vishay.com

ASIA/PACIFIC

Victor Goh
victor.goh@vishay.com