



New CRHP Series High Voltage Thick Film Chip Resistors Deliver Power to 1.5 W, Voltages to 3000 V, and Stability of < 0.5 % in Variety of Styles, Termination Materials, and Configurations

Product Benefits:

- High power ratings up to 1.5 W
- Working voltages to 3000 V
- Available in five compact case sizes ranging from 1206 to 2512
- Outstanding stability of < 0.5 %
- Wide resistance range from 2 M Ω to 50 G Ω
- Tolerances down to \pm 0.5 %
- Temperature coefficients of \pm 100 ppm/ $^{\circ}$ C
- RoHS-compliant and halogen-free
- Flow-solderable and epoxy- or wire-bondable



Market Applications:

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

Buy It Now:

[Check distributor stock on the Vishay website](#)

The News:

Vishay Intertechnology introduces a new series of high voltage thick film chip resistors that offer high power ratings up to 1.5 W and working voltages to 3000 V in five compact case sizes ranging from 1206 to 2512.

- Available in a variety of styles, termination materials, configurations, and custom sizes for increased design flexibility
 - Standard devices feature solder-coated nickel barrier or solder-coated non-magnetic terminations in three-side wraparound or single-termination flip chip configurations
 - Also available with gold, palladium silver, platinum gold, platinum silver, or platinum palladium gold terminations, and a five-sided wraparound configuration

The Key Specifications:

Part #	Case size	P _{70 °C} (W)	Max. working voltage (V)	Resistance range (Ω)
CRHP1206	1206	0.50	1675	2 M to 8 G
CRHP1210	1210	0.70	1870	4 M to 10 G
CRHP2010	2010	1.0	2000	6 M to 35 G
CRHP2510	2510	1.2	2500	10 M to 40 G
CRHP2512	2512	1.5	3000	10 M to 50 G



NEW PRODUCT INFORMATION



Product Group: Vishay Resistors, Thick Film / **February 2019**

Availability:

Samples of the CRHP series are available now. Production quantities will be available in Q1 2019, with lead times of 13 to 15 weeks.

To access the product datasheet on the Vishay Website, go to <http://www.vishay.com/ppg?68045> (CRHP)

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