



High Power Sample Kit Wirebondable Thin Film Chip Resistors



The sample kit contains 3 values of each PWA, PWB, IGBRC, and IGBRD part family with 10 pieces each.

FEATURES

- PWA - power resistor 0503
- PWB - power resistor 0707
- IGBRC - high power back contact resistor 0606
- IGBRD - high power back contact resistor 0808
- High power sample kit components are useful in applications such as IGBT modules, LED lighting, alternative energy, amplifiers with increased power loads in industrial, automotive, and military industries
- Material categorization: for definitions of compliance please see www.vishay.com/doc?99912



RoHS
COMPLIANT
HALOGEN
FREE
GREEN
(5-2008)
Available

| RESISTOR PART FAMILY DESCRIPTIONS | | |
|-----------------------------------|---------------------------------------|--|
| PART FAMILY | DESCRIPTION | DATASHEET |
| PWA | Power resistor 0503 | www.vishay.com/doc?61019 |
| PWB | Power resistor 0707 | www.vishay.com/doc?61021 |
| IGBRC | High power back contact resistor 0606 | www.vishay.com/doc?61107 |
| IGBRD | High power back contact resistor 0808 | |

| RESISTOR PART NUMBER LIST | | | | | | |
|---------------------------|-----------|---------------|---------------|------------------|-------------------|----------------------------------|
| PART NUMBER | VALUE (Ω) | TOLERANCE (%) | TCR (ppm/°C) | POWER RATING (W) | DIMENSIONS (mils) | TECHNOLOGY |
| PWA1000CJZANHWS | 1 | 5 | + 600 / - 100 | 0.5 | 30.0 x 45.0 | Power resistor |
| PWA1000AFKGNHWS | 100 | 1 | ± 100 | 0.5 | 30.0 x 45.0 | Power resistor |
| PWA10000FKANHWS | 1000 | 1 | ± 100 | 0.5 | 30.0 x 45.0 | Power resistor |
| PWB1000BFKGNHWS | 10 | 1 | ± 100 | 1 | 70.0 x 70.0 | Power resistor |
| PWB5000BFKGNHWS | 50 | 1 | ± 100 | 1 | 70.0 x 70.0 | Power resistor |
| PWB7500AJKGNHWS | 750 | 5 | ± 100 | 1 | 70.0 x 70.0 | Power resistor |
| IGBRC1800CKAPHWS | 1.8 | 10 | ± 1000 | 2 | 60.0 x 60.0 | High power back contact resistor |
| IGBRC1000BJJPCWS | 10 | 5 | ± 500 | 2 | 60.0 x 60.0 | High power back contact resistor |
| IGBRC2500BJJPCWS | 10 | 5 | ± 500 | 2 | 60.0 x 60.0 | High power back contact resistor |
| IGBRD3000CJJPHWS | 3 | 5 | ± 500 | 4 | 80.0 x 80.0 | High power back contact resistor |
| IGBRD5000CJWNHWS | 5 | 5 | ± 350 | 4 | 80.0 x 80.0 | High power back contact resistor |
| IGBRD1800BJONHWS | 18 | 5 | ± 300 | 4 | 80.0 x 80.0 | High power back contact resistor |

| GLOBAL PART NUMBER INFORMATION | | |
|---|-------------------|------------------|
| VEFI-HIPW-KIT - VEFI High Power Sample Kit | | |
| MODEL | TYPE | PACKAGING CODE |
| VEFI | HIPW - High power | KIT - Sample Kit |