



## 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](http://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	<a href="http://www.vishay.com/doc?61019">www.vishay.com/doc?61019</a>
PWB	Power resistor 0707	<a href="http://www.vishay.com/doc?61021">www.vishay.com/doc?61021</a>
IGBRC	High power back contact resistor 0606	<a href="http://www.vishay.com/doc?61107">www.vishay.com/doc?61107</a>
IGBRD	High power back contact resistor 0808	

### RESISTOR PART NUMBER LIST

PART NUMBER	VALUE ( $\Omega$ )	TOLERANCE (%)	TCR (ppm/ $^{\circ}$ C)	POWER RATING (W)	DIMENSIONS (mils)	TECHNOLOGY
PWA1000CJKANHWS	1	5	$\pm 100$	0.5	30.0 x 45.0	Power resistor
PWA1000AFKGNHWS	100	1	$\pm 100$	0.5	30.0 x 45.0	Power resistor
PWA10000FKANHWS	1000	1	$\pm 100$	0.5	30.0 x 45.0	Power resistor
PWB1000BFKGNHWS	10	1	$\pm 100$	1	70.0 x 70.0	Power resistor
PWB5000BFKGNHWS	50	1	$\pm 100$	1	70.0 x 70.0	Power resistor
PWB7500AJKGNHWS	750	5	$\pm 100$	1	70.0 x 70.0	Power resistor
IGBRC1800CKAPHWS	1.8	10	$\pm 1000$	2	60.0 x 60.0	High power back contact resistor
IGBRC1000BJJPCWS	10	5	$\pm 500$	2	60.0 x 60.0	High power back contact resistor
IGBRC2500BJJPCWS	10	5	$\pm 500$	2	60.0 x 60.0	High power back contact resistor
IGBRD3000CJJPHWS	3	5	$\pm 500$	4	80.0 x 80.0	High power back contact resistor
IGBRD5000CJWNHWS	5	5	$\pm 350$	4	80.0 x 80.0	High power back contact resistor
IGBRD1800BJONHWS	18	5	$\pm 300$	4	80.0 x 80.0	High power back contact resistor

### GLOBAL PART NUMBER INFORMATION

#### VEFI-HIPW-KIT - VEFI High Power Sample Kit

MODEL

VEFI

TYPE

HIPW - High power

PACKAGING CODE

KIT - Sample Kit