



# CAPABILITIES AND CUSTOM OPTIONS

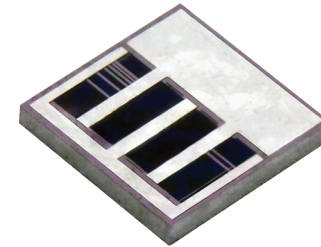
## IGBR THIN FILM, HIGH POWER BACK-CONTACT RESISTOR

### Application Examples

Gate resistor for SiC based power modules
Gate resistor for IGBT-based power converters
Current limiting for LED lighting applications
High power applications
Alternative energy
Hybrid assemblies

### Advantages

Noise reduction or elimination when used in SiC power modules
Sintering / Soldering / Epoxy attachment options
High power
Low inductance
One wire bond
Small size, high power density
Custom resistor values
Moisture resistant



Series: IGBRA / IGBRB / IGBRC / IGBRD

### CUSTOM OPTIONS

#### Mechanical

- IGBRA – 0202 case size
- IGBRB – 0404 case size
- IGBRC – 0606 case size
- IGBRD – 0808 case size

#### Backside Metal

- TiW / Pd / Au
- TiW / Ni / Au
- TiW / Au / Ni / Au

#### Electrical

- TCR from 300 ppm/°C to 500 ppm/°C
- All values available from 1.8 Ω to 25 Ω

For more information please visit: [www.vishay.com/ppg?61107](http://www.vishay.com/ppg?61107)