

#### THICK FILM **HEATING ELEMENT**

# **GBR-387** Series

### Characteristic

GBR-387 series heating elements are made in a thick film technology, on ceramic substrates (Al<sub>2</sub>O<sub>3</sub> - 96%). Its characteristic is high power at compact size. They are applicable as heating elements to a various types of heaters, precise surface heating, and high power resistors. Heaters have outputs in the form of solder fields.

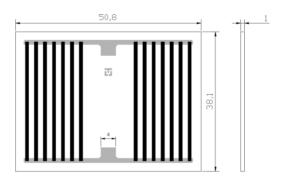


Fig. 1. Preview with dimensions [mm]

Parameter	Value
Rated power (on heatsink)	200 W
Pulse power (2s) (on heatsink)	360 W
Resistance	4 Ω 100 kΩ
Tolerance	±5 %
Supply voltage	230 V
Temperature coefficient of resistance (TCR)	+50 ppm/ <sup>0</sup> C
Maximum element temperature	300 °C

## **Connection method**

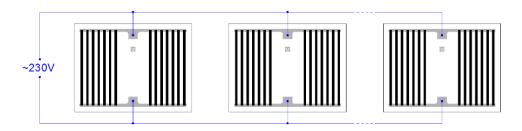


Fig. 2. Typical application

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