

GBR-387 Series

Characteristic

GBR-387 series heating elements are made in a thick film technology, on ceramic substrates (Al_2O_3 - 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.

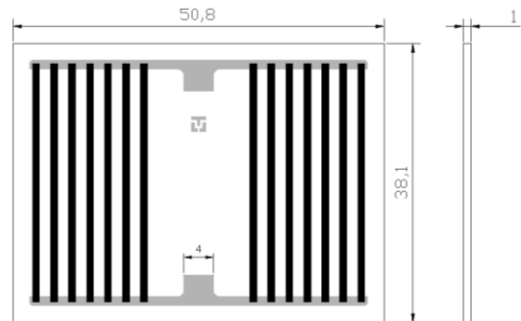


Fig. 1. Preview with dimensions [mm]

Parameter	Value
Rated power (on heatsink)	200 W
Pulse power (2s) (on heatsink)	360 W
Resistance	4 Ω ... 100 k Ω
Tolerance	± 5 %
Supply voltage	230 V
Temperature coefficient of resistance (TCR)	+50 ppm/ $^{\circ}\text{C}$
Maximum element temperature	300 $^{\circ}\text{C}$

Connection method

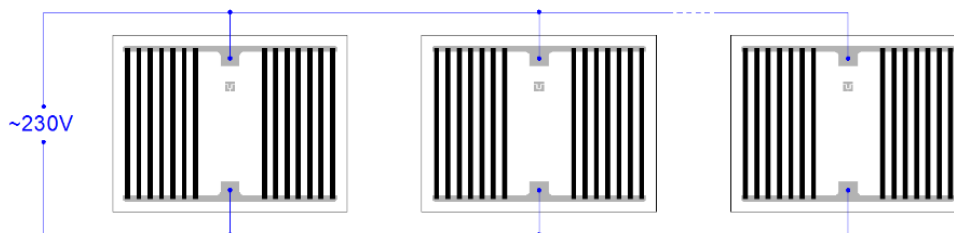


Fig. 2. Typical application