

GBR-605 Series

Characteristic

The GBR-605 heating elements are crafted using thick film technology on ceramic substrates (Al₂O₃ - 96%). These heaters are known for their high power output within a compact size, as well as their remarkably low inductance (less than 3μH). The GBR-605 series elements find application as versatile heating components in various types of heaters, enabling precise surface heating, and functioning effectively as high-power resistors. These heaters feature outputs in the form of solder fields.

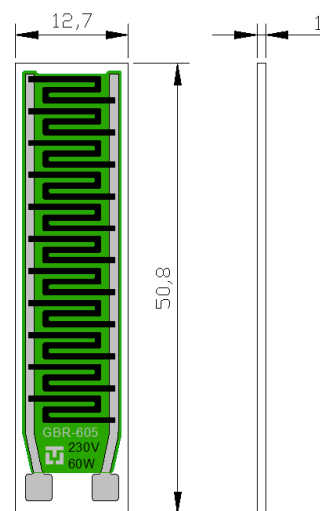


Fig. 1. Preview with dimensions [mm]

Parameter	Value
Rated power (on heatsink)	5 - 60 W
Pulse power (2s)	100 W
Power tolerance	±5 %
Supply voltage	12 - 240 V
Temperature coefficient of resistance	±50 ppm/°C
Max. element temperature	500 °C

Typical values

Supply voltage	Rated power
230 V	15 W
230 V	30 W
230 V	45 W
230 V	60 W

Product marking

GBR-605 - 230 - 60 - 1			
Serie	Supply voltage 12 - 240 V	Power 5 - 60 W	Insulation 1 - not overglazed 2 - overglazed

Other values of supply voltage and rated power are available on request.