

GBR-605 Series

Characteristic

GBR-605 heating elements are made in a thick film technology, on ceramic substrates (Al_2O_3 - 96%). Heaters are characterized by high power at compact size, and very low inductance (below $3\mu\text{H}$). GBR-605 series elements are applicable as heating elements to a various types of heaters, precise surface heating, and as a high power resistors. Heaters have outputs in the form of solder fields.

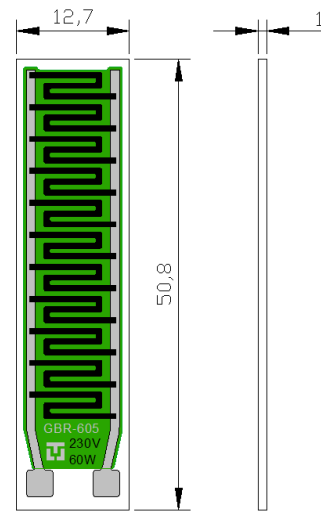


Fig. 1. Preview with dimensions [mm]

Parameter	Value
Rated power (on heatsink)	5 - 60 W
Pulse power (2s)	100 W
Power tolerance	$\pm 5\%$
Supply voltage	12 - 240 V
Temperature coefficient of resistance	$\pm 50 \text{ ppm}/^\circ\text{C}$
Max. element temperature	500 $^\circ\text{C}$

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	Power	Insulation
	12 - 240 V	5 - 60 W	1 - not overglazed 2 - overglazed

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