

## GBR-605 Series

### Characteristic

GBR-605 heating elements are made in a thick film technology, on ceramic substrates ( $\text{Al}_2\text{O}_3$  - 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.

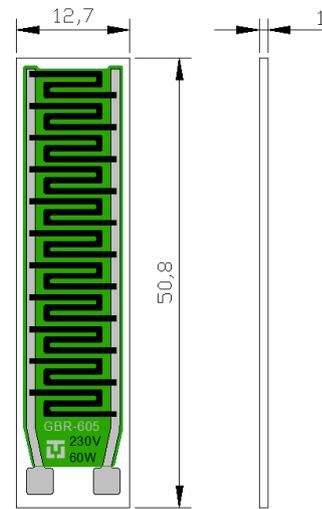


Fig. 1. Preview with dimensions [mm]

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	$\pm 50$ 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 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.

### TELPOD S.A.

str. Pilsudskiego 63A  
32-050 Skawina  
[www.telpod.pl](http://www.telpod.pl)

Technical division: +48 (0)12 257 10 12  
Sales division: +48 (0)12 257 10 35  
fax: +48 (0)12 257 10 13  
e-mail: [thickfilm@telpod.pl](mailto:thickfilm@telpod.pl)

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