

## GBR-601 Series

### Characteristic

GBR-601 series heating elements are made in a thick film technology, on ceramic substrates ( $\text{Al}_2\text{O}_3$  - 96%). Its characteristic is high power at compact size. GBR-601 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.

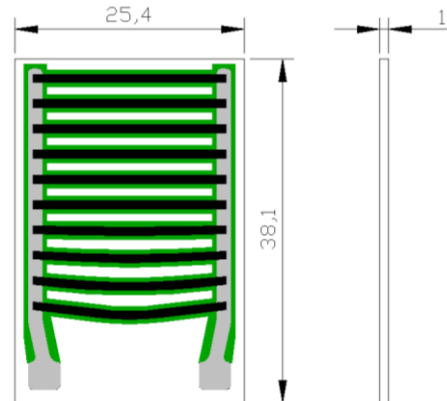


Fig. 1. Preview with dimensions [mm]

<u>Parameter</u>	<u>Value</u>
Rated power (on heatsink)	10 - 150 W
Pulse power (3s) (on heatsink)	160 W
Power tolerance	±5 %
Supply voltage	12 - 240 V
Temperature coefficient of resistance	±50 ppm/°C
Max. element temperature	300 °C

### Typical values

Supply voltage	Rated power
230 V	45 W
230 V	60 W
230 V	75 W
230 V	100 W

### Product marking

GBR-601 - 230 - 60 - 1			
Serie	Supply voltage 12 - 240 V	Power 10 - 150 W	Insulation 1 - not overglazed 2 - overglazed

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