

GBR-666 Series

Characteristic

GBR-666 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. GBR-666 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 contact/solder fields.

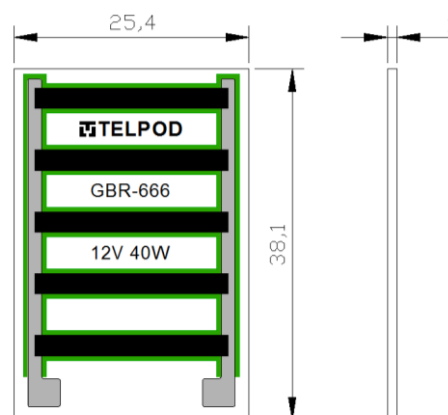


Fig. 1. Preview with dimensions [mm]

Parameter	Value
Rated power (on heatsink)	10 - 100 W
Pulse power (2s) (on heatsink)	200 W
Power tolerance	5%
Supply voltage	12 - 240 V
Temperature coefficient of resistance	+50 ppm/ $^{\circ}\text{C}$
Max. element temperature	300 $^{\circ}\text{C}$

Typical values

Supply voltage	Rated power
12 V	20 W
12 V	40 W
12 V	60 W
24 V	20 W
24 V	40 W
24 V	60 W

Product marking

GBR-666 - 12 - 40 - 1			
Serie	Supply voltage	Power	Insulation
	12 - 240 V	10 - 100 W	1 - not overglazed 2 - overglazed

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