

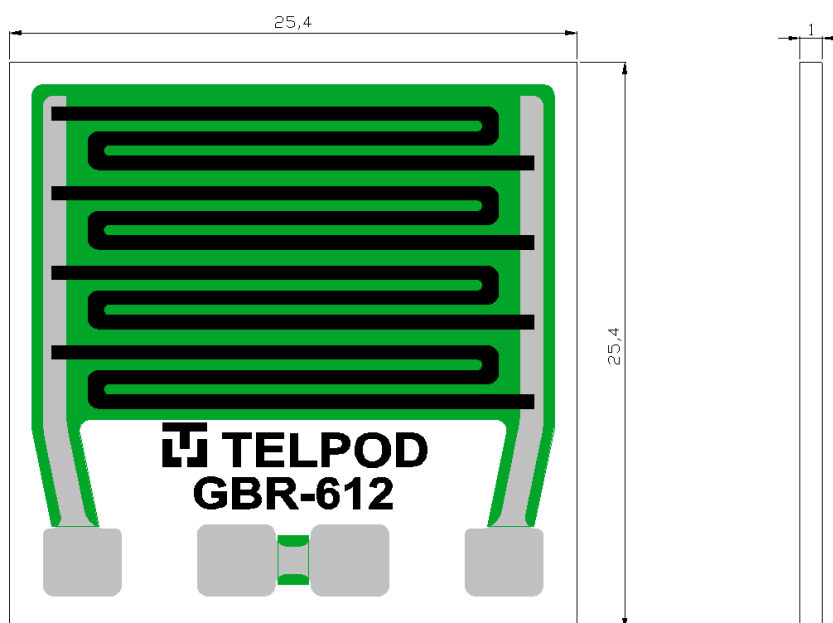
## GBR-612 Series

### Characteristic

GBR-612 series resistors are made in thick film technology, on ceramic substrates with thickness 1mm. They are characterized by high power at compact sizes and very small inductance (below 3μH). Heaters have outputs in the form of solder fields or soldered wires (on request).

### Applications

As heating elements for a different types of heaters, precise surface heating, and as a high power resistors.



**Pic. 1.** Preview with dimensions [mm]

## GBR-612 Series

| <u>Parameter</u>                            | <u>Value</u>     |
|---|------------------|
| Rated power (on heatsink)                   | 5 - 100W         |
| Pulse power (3s) (on heatsink)              | 150W             |
| Resistance                                  | 1,5Ω - 11,5kΩ    |
| Tolerance                                   | ±10%             |
| Supply voltage                              | 12 - 240V        |
| Temperature coefficient of resistance (TCR) | +50 ppm/°C       |
| Maximum element temperature                 | 300°C            |
| Operating temperature                       | -40°C ... +200°C |

### Product marking

