

## GBR-250 Series

### Characteristic

GBR-250 series high voltage resistors are made in a thick film technology on ceramic substrates ( $\text{Al}_2\text{O}_3$  96%). These elements are used in high voltage applications requiring high stability and resistance. Other values of resistance are available on request.

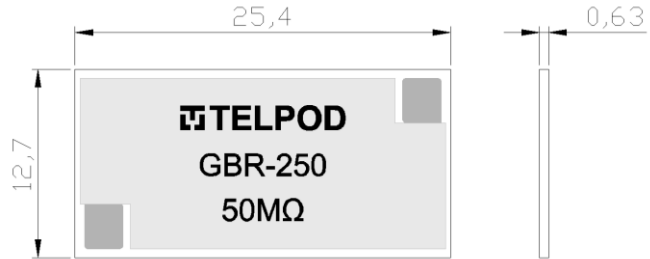


Fig. 1. Preview with dimensions [mm]

Parameter	Value
Range of available resistance	0,1 - 500 M $\Omega$
Tolerance	10 - 20 %
Rated power	2 W
Max. operating voltage	23 kV
Max. voltage (3s)	50 kV
Temperature coefficient of resistance	100 ppm/ $^{\circ}\text{C}$
Operating temperature	-20 ... +70 $^{\circ}\text{C}$

### Typical values

Resistance	Tolerance
10 M $\Omega$	10 %
50 M $\Omega$	10 %
100 M $\Omega$	10 %
150 M $\Omega$	10 %
200 M $\Omega$	10 %
500 M $\Omega$	10 %

### Product marking

