

## GBR-253 Series

### Characteristic

The GBR-253 series high voltage resistors are made with 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 MΩ
Tolerance	10 - 20 %
Rated power	1,7 W
Max. operating voltage	29 kV
Max. voltage (3s)	60 kV
Temperature coefficient of resistance	100 ppm/°C
Operating temperature	-20 ... +70 °C

### Typical values

Resistance	Tolerance
0,1 MΩ	10%
1 MΩ	10%
10 MΩ	10%
100 MΩ	10%
200 MΩ	10%
500 MΩ	10%

### Product marking

<b>GBR-253 - 500 - 10%</b>		
Serie	Resistance	Tolerance
	0,1 - 500 MΩ	10 - 20 %