

GBR-253 Series

Characteristic

GBR-253 series high voltage resistors are made in a thick film technology on ceramic substrates (Al_2O_3 96%). These elements are used in high voltage applications requiring high stability and resistance. Other values of resistance are available on request.

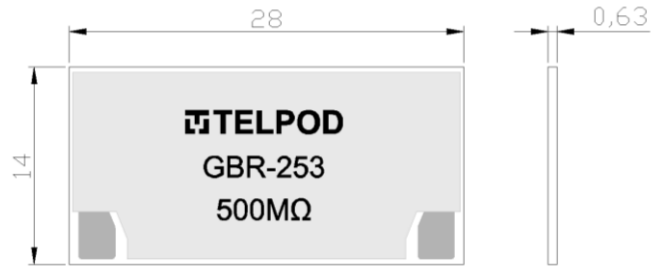


Fig. 1. Preview with dimensions [mm]

Parameter	Value
Range of available resistance	0,1 - 500 M Ω
Tolerance	10 - 20 %
Rated power	1,7 W
Max. operating voltage	29 kV
Max. voltage (3s)	60 kV
Temperature coefficient of resistance	100 ppm/ $^{\circ}\text{C}$
Operating temperature	-20 ... +70 $^{\circ}\text{C}$

Typical values

Resistance	Tolerance
0,1 M Ω	10%
1 M Ω	10%
10 M Ω	10%
100 M Ω	10%
200 M Ω	10%
500 M Ω	10%

Product marking

GBR-253 - 500 - 10%		
Serie	Resistance	Tolerance
	0,1 - 500 M Ω	10 - 20 %

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