

GBR-164 Series

Characteristic

GBR-164 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 - 200 M Ω
Tolerance	10 - 20 %
Rated power	1 W
Max. operating voltage	13 kV
Max. voltage (3s)	34 kV
Temperature coefficient of resistance	100 ppm/ $^{\circ}\text{C}$
Operating temperature	-20 ... +70 $^{\circ}\text{C}$

Typical values

Resistance	Tolerance
10 M Ω	10 %
50 M Ω	10 %
100 M Ω	10 %
150 M Ω	10 %
200 M Ω	10 %

Product marking

GBR-164 - 50 - 10%		
Serie	Resistance 0,1 - 200 M Ω	Tolerance 10 - 20 %