

THICK FILM PASSIVE ELEMENT

GBR-183 Series

Characteristic

GBR-183 series resistors are made in a thick film technology, on ceramic substrates (Al₂O₃ - 96%). Thick film resistors are characterized by a higher stability, and lower noises than a typical carbon resistors. The whole of resistor encapsulated with epoxy resin by is fluidization GBR-183 process. series elements are used both for general, and professional applications. Other values of resistance, and tolerance (up to 0,1%) are available on request.

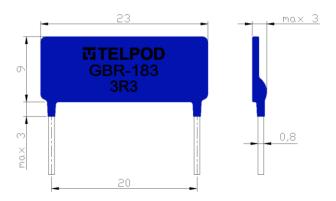


Fig. 1. Preview with dimensions [mm]

Parameter		Value
Nominal resistance		E24 series
Range of available resistance		0,1 Ω 20 ΜΩ
Resistance tolerance		2%, 5%
Rated power		2 W
Temperature coefficient of resistance (TCR)	R < 1Ω	±100 ppm/ ^o C
	R > 1Ω	±50 ppm/ ^o C
Operating temperature		-25 +85 °C

Product marking



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