

GBR-391 Series

Characteristic

The GBR-391 series of high-voltage resistive dividers are made with a thick film technology on ceramic substrates (Al_2O_3 - 96%) with leads for through-hole mounting. Dividers are characterized by very high maximum voltage, and standard voltage division. Other values of resistance, and tolerance (up to 0,1%) are available on request.

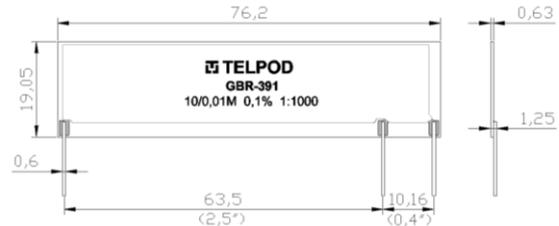
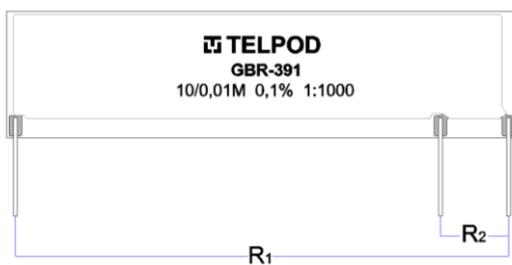


Fig. 1. Preview with dimensions [mm]

Parameter	Value
Resistance	R ₁ 1 - 40 MΩ
	R ₂ R ₁ / 1000 or R ₁ / 100
Tolerance	±0,1% ... ±5%
Rated power	13 W
Max. operating voltage	11 kV
Max. voltage (5s)	50 kV
Temperature coefficient of temperature (TWR)	±40 ppm/°C
Operating temperature	-25 ... +70 °C

Typical values



Resistance R ₁	Resistance R ₂	Ratio R ₂ : R ₁
10 MΩ	0,01 MΩ	1:1000
1 MΩ	0,01 MΩ	1:100

Product marking

