

GBR-391 Series

Characteristic

GBR-391 series high-voltage resistive dividers are made in 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.

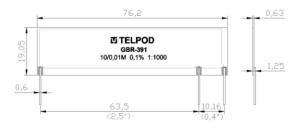
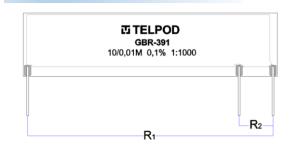


Fig. 1. Preview with dimensions [mm]

<u>Parameter</u>		<u>Value</u>
Resistance	R ₁	1 - 40 ΜΩ
	R_2	$R_1 / 1000 \text{ or } R_1 / 100$
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 ΜΩ	0,01 ΜΩ	1:1000
1 ΜΩ	0,01 ΜΩ	1:100

Product marking

