

GBR-351 „Bleeder” Series

Characteristic

GBR-351 series resistors are made in a thick film technology, on ceramic substrates (Al_2O_3 - 96%). High voltage resistors have an application as bleeders, which have a task to unload electric charge after disconnection of supply voltage.

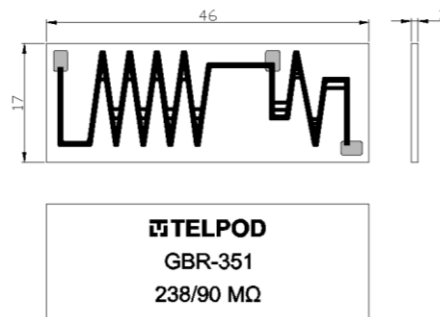
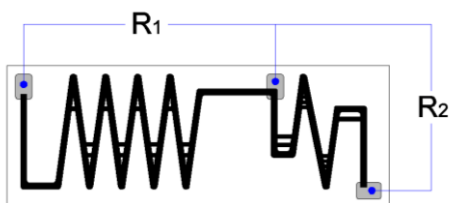


Fig. 1. Preview with dimensions [mm]

| Parameter | Value |
|---------------------------------------|-----------------------------------|
| Resistance tolerance | R_1 $\pm 5\%$ |
| | R_2 $\pm 3\%$ |
| Rated power | 2 W |
| Max. voltage | 33 kV |
| Temperature coefficient of resistance | ± 100 ppm/ $^{\circ}\text{C}$ |

Typical values



| Resistance R_1 | Resistance R_2 |
|------------------|------------------|
| 238 M Ω | 90 M Ω |
| 256 M Ω | 45 M Ω |
| 270 M Ω | 69 M Ω |
| 242 M Ω | 80 M Ω |
| 221 M Ω | 74 M Ω |
| 212 M Ω | 74 M Ω |

Product marking

| GBR-351 - 238 / 90 | | |
|--------------------|----------------------------------------|----------------------------------------|
| Serie | Resistance R_1 1 - 500 M Ω | Resistance R_2 1 - 500 M Ω |