

GBR-395 Series

Characteristic

GBR-395 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.

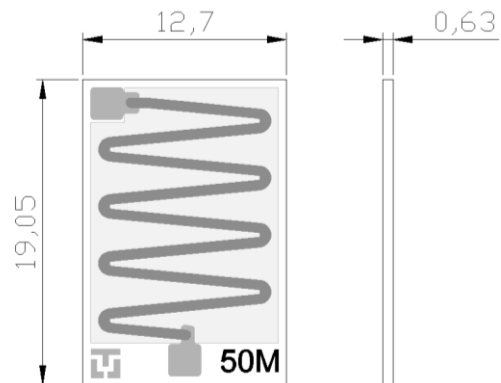


Fig. 1. Preview with dimensions [mm]

| Parameter | Value |
|---------------------------------------|--------------------------------|
| Range of available resistance | 0,1 - 500 M Ω |
| Tolerance | 10 % |
| Rated power | 1 W |
| Max. operating voltage | 22 kV |
| Max. voltage (3s) | 40 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% |
| 500 M Ω | 10% |

Product marking

| | | |
|---------------------------|------------------------------------|------------------------|
| GBR-395 - 50 - 10% | | |
| Serie | Resistance 0,1 - 500 M Ω | Tolerance 10 - 20 % |