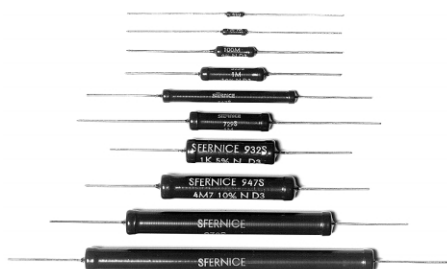


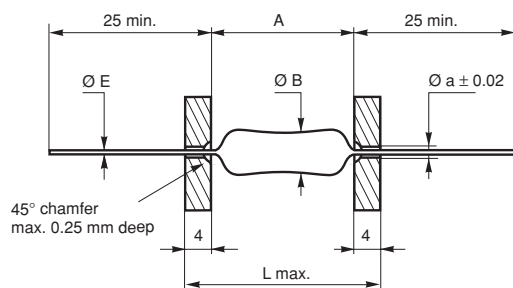
High Ohmic Values, High Voltage Resistors Thick Film Technology



FEATURES

- Core: high purity ceramic
- Coating: epoxy
- Termination: standard lead material is solder coated copper
- Climatic category: $-55^{\circ}\text{C}/+155^{\circ}\text{C}/56$ days
- Stability: 1%

DIMENSIONS in millimeters



DIM. \ STYLE	58	63	68	523	547	729	747	923	932	947	972	9100
A	7 ± 0.2	8.5 ± 0.5	14 ± 1	23 ± 2	47 ± 2	29 ± 2	47 ± 2	23 ± 2	32 ± 2	47 ± 2	72 ± 2	100 ± 2
Ø B	1.8 ± 0.2	2.5 ± 0.2	4 ± 0.3	5 ± 0.3	5 ± 0.3	7 ± 0.5	7 ± 0.5	9 ± 0.5				
Ø E ± 0.1	0.6			0.8								
Weight in g	0.24	0.29	0.67	1.23	2.22	2.68	4.4	4.7	5.27	7.18	11	14.5

TECHNICAL SPECIFICATIONS

SERIES AND STYLES	HTS 58	HTS 63	HTS 68	HTS 523	HTS 547	HTS 729	HTS 747	HTS 923	HTS 932	HTS 947	HTS 972	HTS 9100
Power Rating at $+70^{\circ}\text{C}$	0.25W	0.5W	1W	1W	1.5W	2W	2.5W	2W	2.5W	3W	4W	5W
Ohmic Range in Relation to • Temperature Coefficient ± 100ppm/ $^{\circ}\text{C}$ • Tolerance	± 0.5%	1k Ω	1k Ω 100M Ω	1k Ω 100M Ω	1k Ω 100M Ω	1k Ω 100M Ω	1k Ω 100M Ω	1k Ω 100M Ω	1k Ω 100M Ω	1k Ω 100M Ω	1k Ω 100M Ω	1k Ω 100M Ω
	± 1%	100M Ω	1k Ω 250M Ω	1k Ω 500M Ω	1k Ω 1G Ω	1k Ω 1G Ω	1k Ω 1G Ω	1k Ω 1G Ω	1k Ω 1G Ω	1k Ω 1G Ω	1k Ω 1G Ω	1k Ω 1G Ω
	± 2%	1k Ω	1k Ω	1k Ω	1k Ω 10G Ω	1k Ω 10G Ω	1k Ω 10G Ω	1k Ω 10G Ω	1k Ω 10G Ω	1k Ω 10G Ω	1k Ω 10G Ω	1k Ω 10G Ω
	± 5%	200M Ω	500M Ω	2.5G Ω	5G Ω	1 Ω k 50G Ω	1k Ω 15G Ω	1k Ω 30G Ω	1k Ω 15G Ω	1k Ω 30G Ω	1k Ω 50G Ω	1k Ω 100G Ω
	± 10%											
Limiting Element Voltage	0.5kV	1kV	2kV	5kV	15kV	10kV	15kV	8kV	15kV	20kV	30kV	50kV
Critical Resistance	1M Ω	2M Ω	4M Ω	25M Ω	150M Ω	50M Ω	90M Ω	32M Ω	90M Ω	133.3M Ω	225M Ω	500M Ω

MARKING

GEKA trade-mark, series, style, nominal resistance (in Ω), tolerance (in %), letter N for TCR $\pm 100\text{ppm}/^{\circ}\text{C}$, manufacturing date. Because of lack of space, small styles are marked with ohmic value (in Ω), tolerance (in %) and letter N.

ORDERING INFORMATION

HTS	523	100M Ω	± 0.5%	N
SERIES	STYLE	OHMIC VALUE	TOLERANCE	TEMPERATURE COEFFICIENT N standard: $\pm 100\text{ppm}/^{\circ}\text{C}$