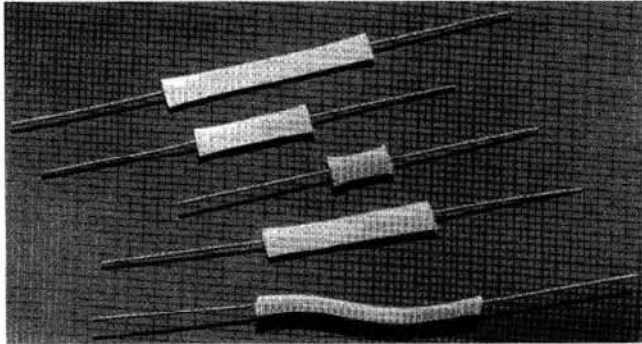


FLU, ELE



These are low cost power resistors designed to bend to accommodate the available space and shape of your product. Heating elements in small appliances and automotive applications are some of the uses.

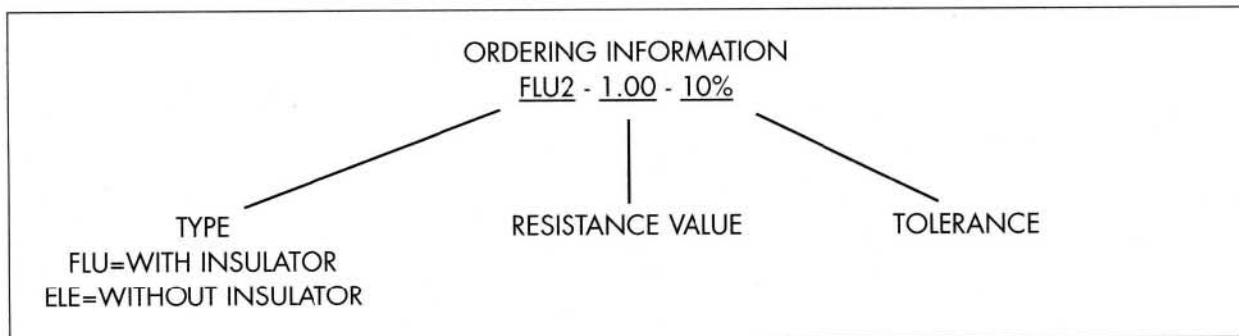
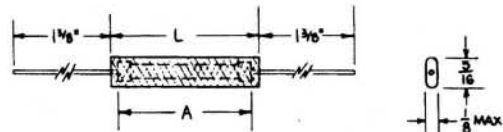
Alloy wire is wound on an oval shaped flexible fiberglass core which is left uncoated. The resistance wire is then crimped to the end caps. An optical insulating sleeve slides over the winding.

Characteristics:

- Normal resistance range: 0.35 ohms/in. to 1200 ohms/in.
- Tolerance: $\pm 10\%$, > 1 ohm, standard.
Down to +5% special order.
- Wattage Ratings: 2 watts per inch.
- Temperature Coefficient:
 - < 1 ohm: ± 90 ppm/°C.
 - 1 to 9.99 ohms: ± 50 ppm/°C.
 - 10 to maximum: ± 20 ppm/°C.
- Dielectric Strength: 500 VAC
- Short Time Overload: 5 Seconds at 10 times rated power size.
- Terminals: Hot tinned brass crimped to the resistance element to withstand 8 pound pull applied axially.
- Leads: Hot tinned 18, 20 and 22 AWG, depending on value required.

Features:

- Bends to conform to the available space.
- Low cost makes these ideal for appliance and automotive applications.
- Available with and without a fiberglass insulating sleeve.
- Leads are weldable and solderable.



Standard Sizes. Other Wattages available.

Wattage Rating ①	Type Number		Resistance Value		Core Length Dim. A	Sleeve Length Dim. L
	With Insulator	Without Insulator	Minimum Ohms	Maximum Ohms		
2	FLU2	ELE2	0.7	2.4K	2	2 $\frac{1}{8}$
4	FLU4	ELE4	1.4	4.8K	4	4 $\frac{1}{8}$
6	FLU6	ELE6	2.1	7.2K	6	6 $\frac{1}{8}$
8	FLU8	ELE8	2.8	9.6K	8	8 $\frac{1}{8}$
10	FLU10	ELE10	3.5	12.0K	10	10 $\frac{1}{8}$

① This listing is only a sampling of models. Other wattages available.