

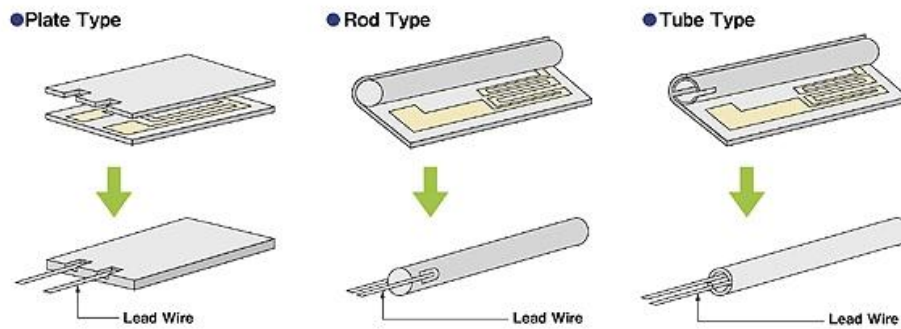


25W Ceramic Soldering Heating Element

25W Ceramic Soldering Heating element was developed based on ceramic lamination technologies, which are mainly used for automotive and various industrial applications such as soldering iron, kerosene & gas equipment, pellet burner and water heating.

Model:E6038TKA

Process of different shapes of 25W Ceramic Soldering Heating element:



Material Properties of 25W Ceramic Soldering Heating element

Thermal Properties

Item	Unit	Alumina Heater
Max Working Temperature	°C	1050
Working Temperature	°C	1050
Thermal Conductivity	W/ (m.k)	21
Specific Heat	J/(kg.k)	0.78*103
Expansion	/°C(40~800°C)	0.78*10-6
Hardness (load 500g)	Gpa	13.5
Flexural	Mpa	320

Features of 25W Ceramic Soldering Heating element

It is a new type of high efficient heating elements, which can save more than 20%-30% power effect compare to PTC ceramic heaters. Our alumina ceramic heaters have many excellent features:

High reliability, stable resistance, no electric noise

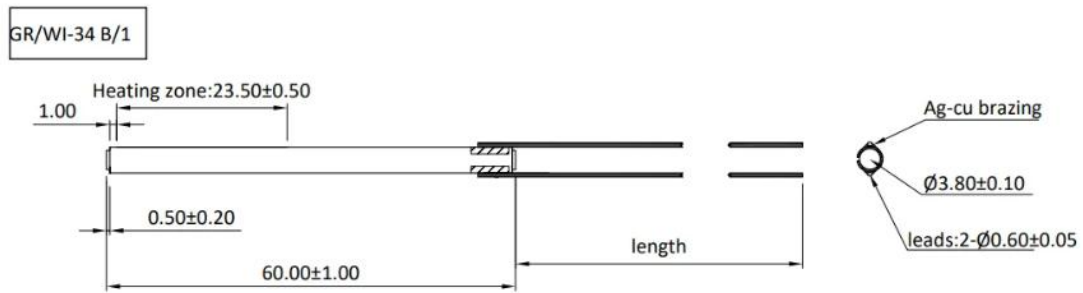
Good chemical resistance

full compliance with EU RoHS (no lead, cadmium, mercury, hexavalent chromium, PCBS, and other harmful substances)

No charge on surface and safe to touch.

Parameter of 25W Soldering Iron Heating Element

Heater Name	25W Heating Element for Soldering Iron
Working Voltage	120V/230V
Working Power	20W-30W
Dimension	Length 60mm* diameter 3.8mm
Resistance	Accordingly
Leads	Two Nickel wires
Working Temperature	400~500°C
Insulation Sleeve	Accordingly



Technical notes:

1. working voltage: 120VAC/230v
2. Heating resistance: Accordingly ($23^{\circ}\text{C} \pm 2^{\circ}\text{C}$)
3. Dielectric strength: 1500VAC, 5seconds, current leakage $\leq 5\text{mA}$ ($23^{\circ}\text{C} \pm 3^{\circ}\text{C}$)
4. Insulation Resistance: $\geq 1 \times 10^8$ (500VDC $23^{\circ}\text{C} \pm 3^{\circ}\text{C}$)



FAQ

Is it ok to make customer's own brand name of ceramic heating element?

Totally sure. It is laser mark.

we have own R&D team and with ODM and OEM possible and welcome.

Are you a manufacturer or trading company?

Green Way co. Ltd is a factory located in Xiamen 361101, Fujian Province, China.

It is an expert of MCH aluminum ceramic heating technology.

Is it available for your company to help to design for customers?

Yes, of course. This is what our R&D team would like to do.

Can I get samples to check quality before place order?

Yes, FREE samples will offer to you for the already and open models.