



High Power Ceramic Heating Elements

High Power Ceramic Heating Elements were 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:7788

High Power Ceramic Heating Elements

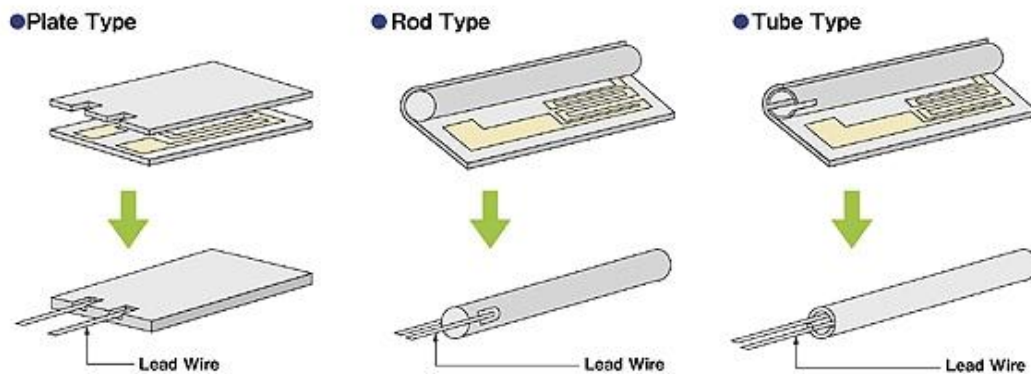
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Process of High Power Ceramic Heating Elements

First, painting the high melting point metal (tungsten or molybdenum manganese) paste on to the Al_2O_3 casting briquette in coordinate to the circuit design, then another layer of sintering additives. After that, repeating the process to build multiple layers. Then, they are sintered together under $1600\text{ }^\circ\text{C}$ hydrogen gas environment. Finally, nickel leads are brazed at $800\text{ }^\circ\text{C}$ onto the metal end and put on with Teflon sleeve, which make it a MCH heating element.

Internal Heating elements are protected from oxidation due to sintering into one-piece ceramic body structure.



Parameter of High Power Ceramic Heating Elements

Configuration and Dimension							
Shape	Dimension	Tolerance		Tolerance		Tolerance	Resistance Tolerance
Plate	Length (mm)		Width(mm)		Thickness(mm)		
	10~120	① ≤20+/-0.3 ② ≥20+/-1	2~60	① ≤20+/-0.3 ② ≥20+/-1	0.55~2.0	① ≤1+/-0.1 ② ≥1+/-0.15	+/-10%
	length		Diameter				
Rod	8~121	① ≥30mm:+/-0.5 ② 30~100mm:+/-1.0	2.5~8	① ≥5mm:+/-0.1 ② 5~9mm:+/-0.2			+/-10%
Tube	8~121	③ ≤100mm:+/-1.5	2.5~20	③ ≤9mm:+/-0.3			+/-10%

Application

Electronic cigarette, vaporizers, coffee machine, Intelligent toilet, instant electric kettle, instant water heater, intelligent basin faucet; hair straightener, hair curler, car exhaust oxide sensor, heating for industry device, ultrasonic heating element, mold heater, medical equipment heater ,air heater, small household appliances, etc.....

Packing and Delivery

The suitable packing should be taken to avoid the breakage and contamination during the shipment.



Services

Product quality control and delivery time is strictly controlled;

2. Direct manufacturing factory offering competitive price;

3. All the inquiries will be replied within 12 hours;

4. OEM & ODM service are available;

5. Providing first-class after-sales services to the customers.

FAQ

What payment terms you can accept?

T/T, paypal or west union, credit card or via alibaba assurance order.

When can i get the quotation?

In general, within 7-24 hours when all is clear with heater design project.

How soon we can get email response from your team?

Within 7-24 hours.

Any loading port for sea delivery?

Xiamen port is nearest. OR anywhere you suggest.