## Ceramic Pellet Igniter For Wood Chip Pellet Burner

Ceramic Pellet Igniter for Wood Chip Pellet Burner produced by implementing ceramic lamination processes. Due to the compactness, high power and rapid heating speed. Ceramic igniter can provide higher reliability than ever before. Mainly applications include use as innovative types of heaters in the automotive, medical and semiconductor industries.

**Model:G90105**

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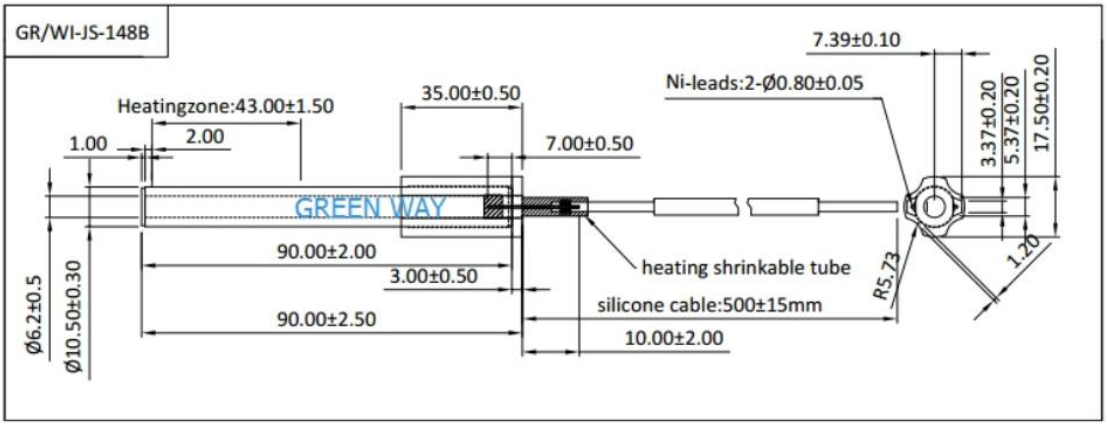
## Parameter of GREENWAY Ceramic Pellet Igniter

| | |
|---|---|
| Part Number: G90105 | |
| Application | Ceramic Pellet Igniter for Wood Chip Pellet Burner |
| Ceramic Holder | OD17.5mm/25mm or Accordingly |
| Working voltage | 120V+/-10% |
| | 230V+/-10% |
| Main Material of Heating Element | White 95%alumina ceramic |

## Universal model of Ceramic Pellet Igniter for Wood Chip Pellet Burner

1. Heater Igniter: white alumina ceramic, and the content of alumina is no less than 95%.
2. Ni-wires: N6 Ni-wires with 0.8mm diameter.
4. 3 Brazing material: Ag72Cu28
3. Ceramic Holder: Alumina ceramic 95%,17.5mm
4. Heat shrinkable tube: black; heat resistance180°C
5. Cable: silicone cable, heat resistance 180°C




## General Properties of Ceramic Pellet Igniter for Wood Chip Pellet Burner

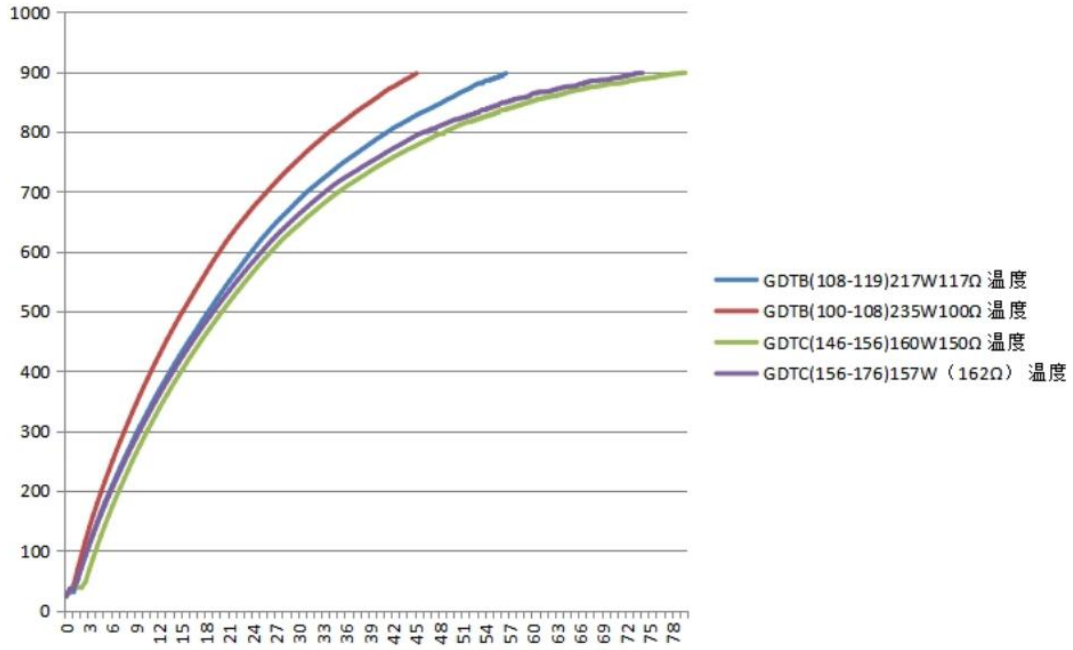
| Properties | Value | Condition |
|---|---|---|
| Forward Current | AC220V+/-10% | 50/60Hz |
| Power Consumption | 220V | 114W~134W |
| | 230V | 120W~150W |
| | 240V | 131W~160W |
| Heating Resistance | Accordingly | 23℃±2℃ |
| Rising time | Within 30s to 800°C<br>After 120 s to 940°C~ | Applied at AC 220V and 23℃±2℃ambient temperature |
| Maximum Temperature | 1050°C | |
| Ni-wire Pull Strength Test | No less than 3.0Kgf | |

| | | |
|---|---|---|
| | | Tester: Tensile tester.<br>Angle:45°C |

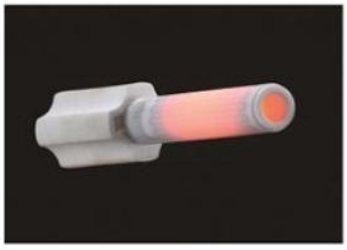
## Rising temperature( for reference)

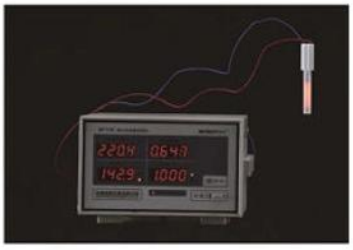
Rising temperature varied slightly according to resistance.

The graph below shows the different temperatures on different resistance value.



## Application





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