



### Plate Shape Heater for Lambda Sensor

GRWay is a leading China Plate Shape Heater for Lambda Sensor manufacturer, supplier and exporter. Adhering to the pursuit of perfect quality of products, so that our Plate Shape Heater for Lambda Sensor have been satisfied by many customers.

**Model:slice**

### GREENWAY Plate Shape heater for Lambda sensor Characteristic

Fast ignition time

Better insulation

High temperature resistance, strong resistance to poisoning

long life Pump current switch type, conventional switch type, air-fuel ratio type, wide range type.



### Process of Plate Shape heater for Lambda sensor

The zirconia ceramic plate B structure as show in Figure 1, the zirconia chip includes five layers, and they are protective layer, electrolyte layer, air layer, base layer and heating layer.

The protective layer system includes electrode pad, porous protective layer and aluminum oxide layer.  
 The electrolyte layer system includes inner / outer electrode, YSZ electrolyte layer. And the airway layer consists of airway, alumina layer.

The base layer has a number of alumina layers (Can adjust based on customer requirements on the product thickness). The heater layer system includes heater, heater pad and oxidation Aluminum layer.

**GREENWAY Universal and Open Models Plate Shape heater for Lambda sensor**

TYPES	SPECIFICATION	Length(mm)	Width(mm)	Thickness(mm)	Resistance (Ω) @24+/-3 °C	Remark
Switch Type	BS	58.6+/-0.5	4.4+/-0.1	1.28+/-0.1	9.0+/-1.2	
	DE	54.0+/-0.5	4.4+/-0.1	1.28+/-0.1	9.0+/-1.2	
	XY	36.5+/-0.5	4.2+/-0.1	1.28+/-0.1	9.0+/-1.2	
	XF	36.0+/-0.5	4.4+/-0.1	1.28+/-0.1	3.0+/-0.5	
	DF	54.0+/-0.5	4.4+/-0.1	1.28+/-0.1	6.0+/-1.2	
	DG	54.0+/-0.5	4.4+/-0.1	1.28+/-0.1	13.0+/-1.5	
Air-fuel RatioType	AF	46.2+/-0.5	4.0+/-0.1	1.45+/-0.1	2.1+/-0.3	@A/F=4% Ip=0.3mA
	AG	46.2+/-0.5	4.0+/-0.1	1.45+/-0.1	2.1+/-0.3	@A/F=4% Ip=0.5mA
Five-line Ample Type	UN	52.5+/-0.5	4.2+/-0.1	1.30+/-0.1	2.8+/-0.4	
	UB	59.6+/-0.50	4.4+/-0.1	1.30+/-0.1	3.1+/-0.4	

