



Zirconia Plate Heater Chip for Oxygen Sensor

High quality Zirconia Plate Heater Chip for Oxygen Sensor is offered by China manufacturer GRWay. Buy Zirconia Plate Heater Chip for Oxygen Sensor which is of high quality directly with low price.

Model:slice

Features of GREENWAY Zirconia Plate Heater chip for oxygen sensor

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





Product Details

类型 TYPES	规格 SPECIFICATION	尺寸 Dimension			常温电阻 Resistance (Ω) @24+/-3 °C	备注 Remark
		长 Length(mm)	宽Width(mm)	厚Thickness(mm)		
开关型 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	
空燃比型 Air-fuel Ratio Type	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
五线宽裕型 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	

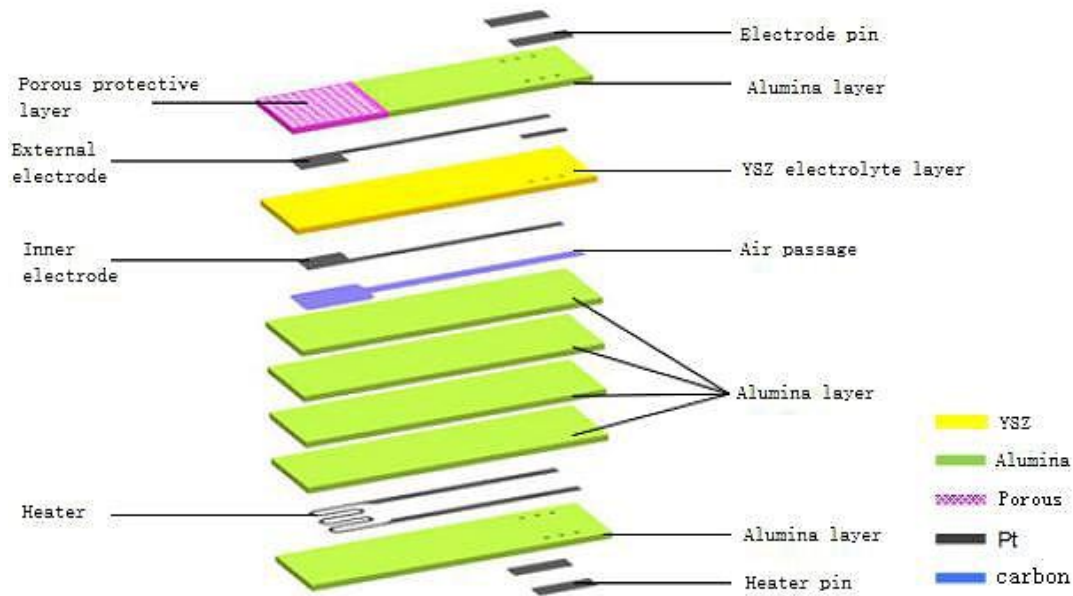
Process of Zirconia Plate Heater Chip for Oxygen Sensor

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.



Engine Test of Zirconia Plate Heater Chip for Oxygen Sensor

After the assembly of the product, then test the leak rate under the temperature of $25^{\circ}\text{C} \pm 10^{\circ}\text{C}$ and the air pressure of 3.4 bar, and the engine bench test is carried out under the condition that the leakage rate is less than 0.2 cm³/ min.

Recommended Use Conditions

Conventional operating temperature range: $350^{\circ}\text{C} \sim 850^{\circ}\text{C}$

Maximum continuous operating temperature (250 h): 1000°C

Should be used in accordance with the provisions of the GB 17930 gasoline and meet the GB 18351 requirements of the vehicle ethanol gasoline.

Packing and Delivery

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

