



### 12v Milwaukee Heating Element

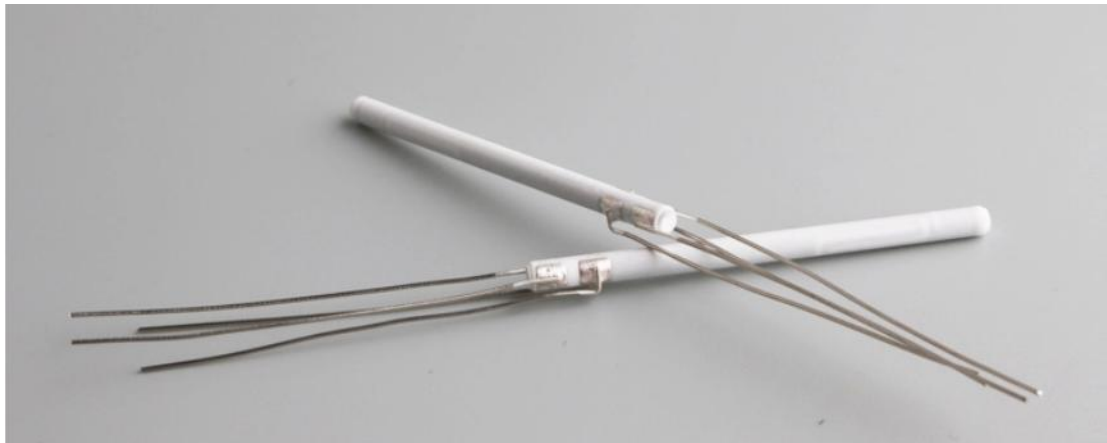
GRWay is China manufacturer & supplier who mainly produces 12v Milwaukee Heating Element with many years of experience. Hope to build business relationship with you.

**Model:E6038FR**

The following is the introduction of high quality **12v Milwaukee Heating Element**, hoping to help you better understand 12v Milwaukee Heating Element.

### Features of 12v Milwaukee Heating Element

1. 18 second heat up time
2. 750°F Max Temperature
3. 60W-90W heat output
4. Maintains temperature throughout toughest applications



### Parameter of 12v Milwaukee Heating Element

Heater Name	12V Milwaukee Soldering Heating Element
Working Voltage	12V
Working Power	60W~90W
Dimension	Length 60mm* diameter 3.8mm
Leads	Four Nickel wires
Working Temperature	400~500°C
Insulation Sleeve	Accordingly

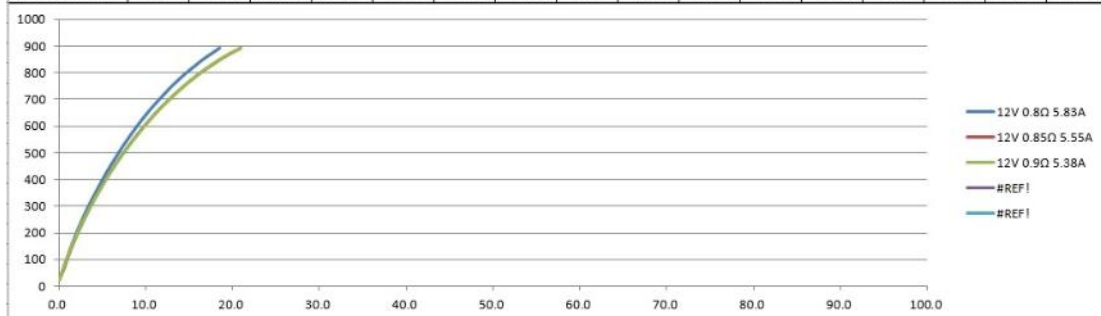


XIAMEN GREEN WAY ELECTRONIC TECHNOLOGY CO.,LTD

### 升温曲线图 heating curve

产品名称 Production Name	陶瓷发热体 Ceramic Heater	产品规格 Size	GR0906	产品阻值 Resistance	0.7Ω-1.1Ω
测试仪器 instrumentation	红外线双焦点测试仪	室温 Room Temperature	23±1°C	测试温度 Temperature range	25°C-1200°C
测试时间 Date	2022/5/24	测试人 Recorder	001	存档编号 File No	20220524

温度 (°C)	时间 (s)	0.0	6.0	12.0	18.0	24.0	30.0	36.0	42.0	48.0	54.0	60.0	66.0	72.0	78.0	84.0	90.0
12V 0.8Ω 5.83A	电参数	25.2	456.9	717.4	883.3	>900	>900	>900	>900	>900	>900	>900	>900	>900	>900	>900	>900
12V 0.85Ω 5.55A		25.4	431.1	675.7	834.4	>900	>900	>900	>900	>900	>900	>900	>900	>900	>900	>900	>900
12V 0.9Ω 5.38A		25.3	430.8	677.5	839.6	>900	>900	>900	>900	>900	>900	>900	>900	>900	>900	>900	>900



### 12V Milwaukee Soldering Heating Element Application

M12

M18

Milwaukee Cordless Soldering Iron;

Milwaukee Power Tool



#### Handling and notice of using 12V Milwaukee Soldering Heating Element

- ①. Don't give the ceramic heater impact like falling down to the ground or strike it by hammer forcefully.
- ②. Using ceramic heater at rating voltage(@12V).  
High voltage may cause the damage of ceramic heater.
- ③. Temperature control device should be used on ceramic heater  
And the surface temperature of ceramic heater should no more than 800°C,  
since the temperature is closely related to its working life.
- ④. Don't use ceramic heater on following conditions: quick heat up, quick cool down and uneven heat distribution. Because on the above conditions open circuit, cracking problems may happen. Please be careful of heat shock besides other situations that are not mentioned here such as incompletely contact with metal part that will also cause uneven heat distribution.
- ⑤. Don't put excess strength to Ni-wire and brazing area. If Ni wires were bent many times, power concentration points will become brittle. Crack even breakage may happen. If pulled Ni wires with excess power, brazing area will be peeled off.
- ⑥. Don't use the ceramic heater for medical, nuclear and aero purpose.

Length:60mm  
Diameter:3.8mm  
working volatge:12V  
Power:50-90w

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