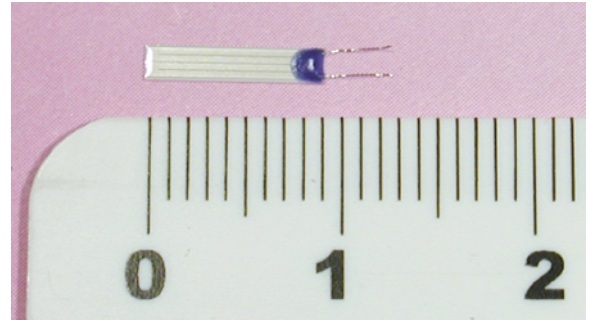


## Small UHV Heater

- A very small heater for temperatures up to 500°C
- ideally designed for sample heating and other small devices.
- A surface area of only 18mm<sup>2</sup> allows up to ~ 25W power
- Very fast response: Without a heat sink the part will reach 200°C in 300 ms!
- Several heaters can be used (serial or parallel) to increase the power according your requirements.
- All UHV compatible materials
- Standard low cost power supplies can be used
- Item can replace other ceramic heaters at very low cost



### Technical data:

Part Nr.	343-HEATER-2x10
Max. temperature	500°C
Material	Al <sub>2</sub> O <sub>3</sub> , Pt and Glass as insulation
Dimensions	1.9 x 9.5mm, thickness <0.2mm (glass at end typ. 0.4mm)
Connection wires	0.1mm diameter, Pt-wire, ~3mm long
Electrical:	
Resistivity	typ. 6.8 Ohm
I max	2A
U max	13.5V
P max	27W

- Subject to modification -