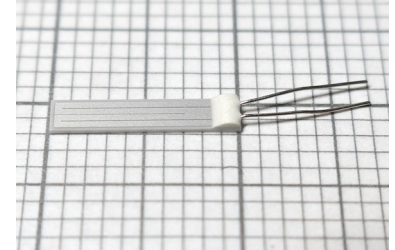


## Miniature Heater 343-HEATER-2x10-V2

This small ceramic heater is only 2x10mm in size but allows a maximal power of up to 27W over a very wide temperature range, from Cryo temperature to 600°C.

Vacuum range	UHV. <math>10^{-10}</math> mbar
Material	Ceramic, Glass, Platinum, Nickel
Temperature range	-200°C ... 600°C
Supply voltage	13,4V max
Max. current/power	2A / 27W
Resistivity	~7 $\Omega$ @ RT (~1.3 $\Omega$ @ -200°C, ~22 $\Omega$ @ 600°C)
Size	2 x 10mm <sup>2</sup> , height 0,7mm max / 0,25mm
Contact wire	7mm length
Clamp	343-HEATER-2x10-CLAMP CuBe with M2x4 screw, SS
Version with fitted cable	343-HEATER-2x10-V2-1M with 2x1m cable type 301-KAPM-060



Ceramic heater 2x10mm  
343-HEATER-2x10-V  
shown on mm squared paper

Please note: To avoid overheating, a good contact to the heat sink is required.

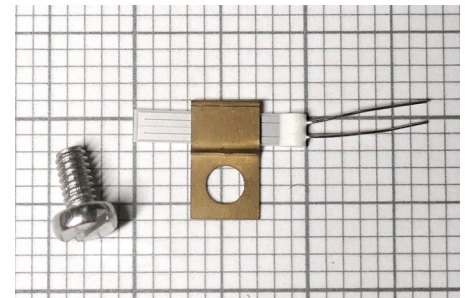
We recommend the use of the „Liquid Metal Foil“ 317-TCP-20x20 (for use up to 500°C).

For mounting, use the clamp 343-HEATER-2x10-CLAMP.

Versions are available with mounted cable.

The radiation resistant 301-KAPM-060 is used as standard.

*Ceramic heater with mounting  
clamp for convenient  
installation.*



*Thermal contact foils 317-TCP-20X20 or  
317-TCP-38X38 are recommend for  
good thermal contact*



Heater with fitted cable. As  
standard the radiation resistant  
Kapton insulated cable  
301-KAPM-060 is used