

Printed Flexible Heaters

Printed Heaters are the recent trends in heaters industry. This technology enables us to use flexible substrates upon which heating traces are printed. Printed heaters can be configured in different sizes depending upon application, being able to blend with flat or curved surface.

Features

- 1

Lightweight
- 2

Flexible
- 3

Accurate

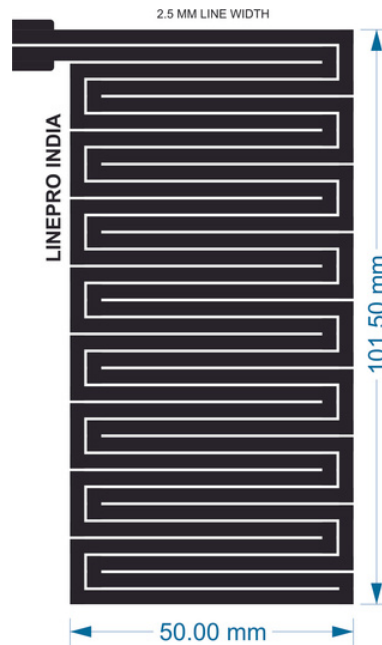


Figure 1 . Flexible heater design

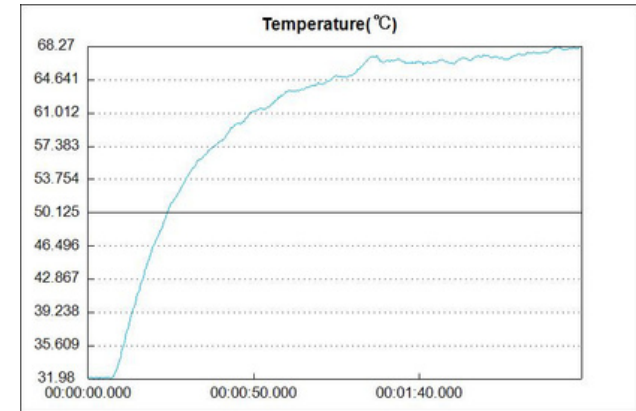


Figure 2. Flexible heater temperature profile

APPLICATIONS

- Process Equipment for heating fluid tanks
- Car Window heaters, deicing systems, mirrors
- Low, medium laboratory equipment heating, water-baths, fermentors and bioreactors
- Heating resistances for consumer equipment, thermal and mechanical equipment
- Heating for wearables- clothes, shoes, seats

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SPECIFICATIONS

Power	5V,1A
Dimension	50mm x 100mm
Thickness	0.2mm
Max. Temp	68 °C