CERADEX

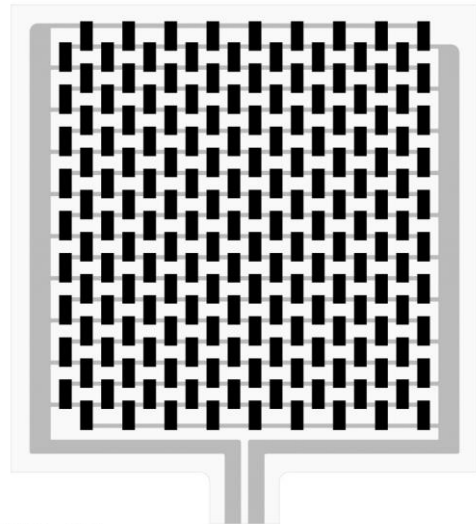## MEMBRANE PRINTED HEATER (PTC)
60ºC

PH1010-60

Datasheet

Features
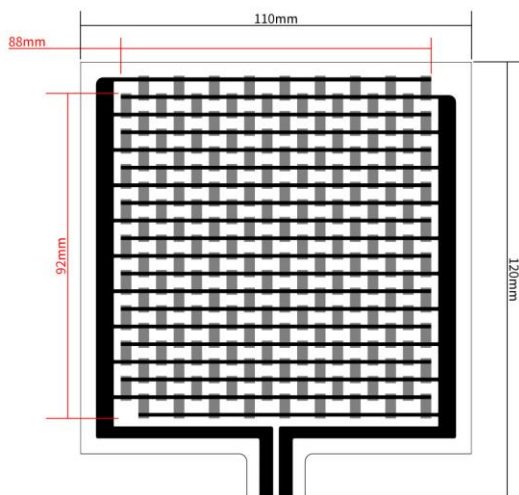
Positive temperature coefficient (PTC)

Self-regulating

Flexible and lightweight

Ultra-thin

Rapid heating

Prevent overheating

Can be use without temperature controller

Easy to integrate

PH1010 - P1
Membrane heater - PTC 60°C

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Technical specifications
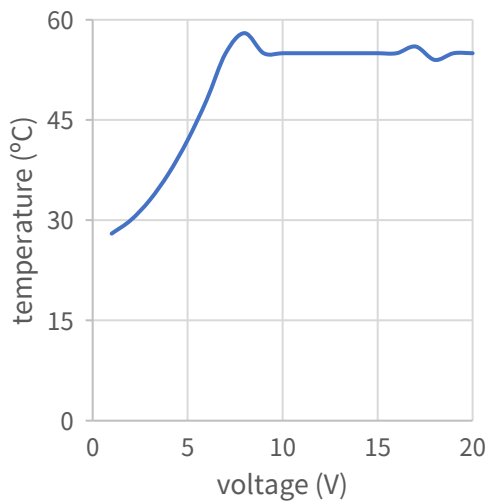

PH1010 - P1
Membrane heater - PTC 60°C

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Heater	PH1010-60
Length	120mm
Width	110mm
Active area	88mm x 90mm
Pin spacing	15mm
Nominal thickness	0.2mm $\pm$ 0.1mm
Substrate	PET
Connector	2-pin male solder tabs
Thickness	0.73mm
Width	1.6mm

Note: Ceradex offer customize sensor solution for application-specific integration. Including the sensor's dimension, single-zone or multi-zone sensing area, connector options, and heat tolerance. Contact us for more information.

Characteristics

Heater type	PTC
Temperature range	60± 5°C
Heating voltage	12V – 24V
Power	10W – 20W
Power density	1KW / m^2

Heating Curve

Note:

Temperature heating range and heating voltage can be modified in Ceradex's customized heater solution.

Applications

Portable /wearable device

Integrated within portable device and power by power bank.

Mechanical Integration

Integrated within warming units and keep constant temperature warming.

Can be integrated on non-flat surfaces.

De-icing module

Integrated behind mirrors / lighting for de-icing or de-fogging.

General Heating units

Integrated within seats, apparel, and flooring.

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