

**CERAMIC HEATER
THICK FILM PRINTED HEATER
2 Ohm**

TFCH02
Datasheet

Features

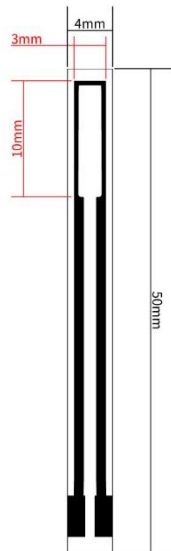
- Printed platinum heating line
- 2 terminals, no polarity
- High-temperature heating
- High insulation
- Miniature and thin for small-area heating
- Available for both DC and AC power supply



TFCH02
Thick film ceramic heater - 2Ω (ohm)



Technical specifications



Technical dimension

| Heater | TFCH02 |
|-------------------|--------------------|
| Length | 50mm |
| Width | 4mm |
| Active area | 10mm x 3mm |
| Pin spacing | 4mm |
| Nominal thickness | 1mm ± 0.2mm |
| Substrate | Composite ceramics |
| Connector | Ceramic seat |

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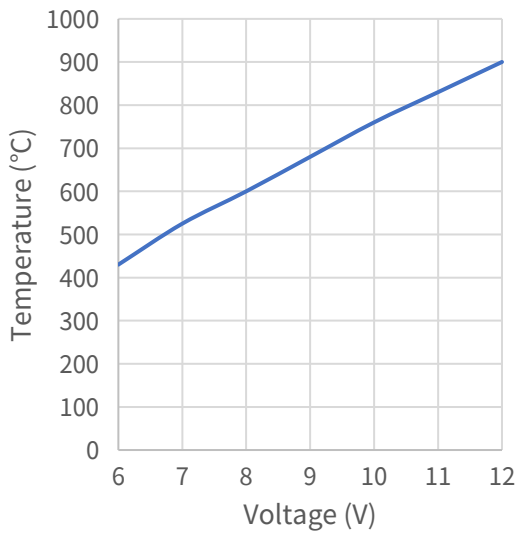


Note: Ceradex offer customize heater solution for application-specific integration. Including the heater’s dimension, single-zone or multi-zone heating area, and connector options. Contact us for more information.

Characteristics

| | |
|-------------------|---------------|
| Heater type | Platinum |
| Resistance | 2± 0.5Ω |
| Temperature range | 430°C – 900°C |
| Heating voltage | 6V – 12V |
| Power | 7W – 21W |

Heating Curve



Note:

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

Do not add liquid when the heater is already dry-braised.

Please keep the surface clean without any glue or additive.

Please use suggested voltage of the product.

Applications

Portable heating equipment
For industrial use that requires high-temperature heating pads.

Ceramic heater
Integrated within the ceramic heater and minimize the overall configuration.

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