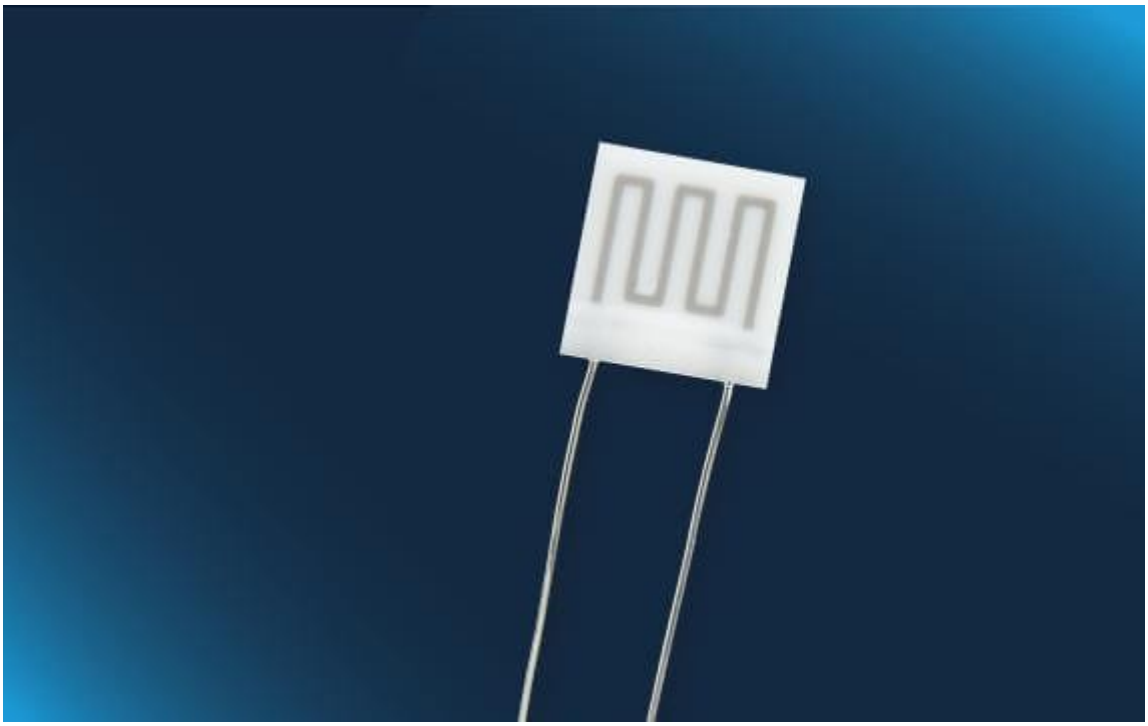
# Micro heater for up to 850 °C based on Alumina



Micro heater for high temperatures up to 850°C based on Alumina

**Product Name:** HST.P05R0.0505.63A.10W.015
**Operating temperature range:** -50 °C to +850 °C
**Resistance:** 5.0 0 Ω at 0 °C
**Dimensions:** 5 x 5 x 0.63 mm
**Lead wires:** Pt wires
**Product code:** 155358

## Product details

### Benefits & characteristics of iST micro heaters

Our micro heaters combine high-precision and long-term stability with a wide temperature range from - 50°C up to 800°C and feature numerous benefits

- Fast response times
- High temperature stability
- Long term stability
- Overheating protection
- High precision
- Targeted heating of tiny spaces
- Tailor-made to fit your application

Their small footprint in all shapes and sizes and excellent thermal characteristics facilitate precise and highly localized heating of solids, liquids, and gases.

## Development & Technology Partner

Most of our micro heaters are custom-developed to fit our customers' applications needs. Our expertise with PTC materials manufactured using thin-and thickfilm technology enables us to provide various coating techniques for application-specific property tuning for fast, homogenous, and efficient heating.

Throughout the development process as well as after delivery, we support you with simulations and technical advice.

Benefit from our extensive expertise in thin and thick film technologies and use our team to help you create your innovation.

> Contact our specialist now

## Micro heater for high power densities up to 400 °C > Details

## The online shop

| Quantity (pieces) | Price (per piece) |
|---|---|
| 5-49 | CHF 15.40 |
| 50-99 | CHF 12.30 |
| 100-499 | CHF 11.60 |

Stock: **30**