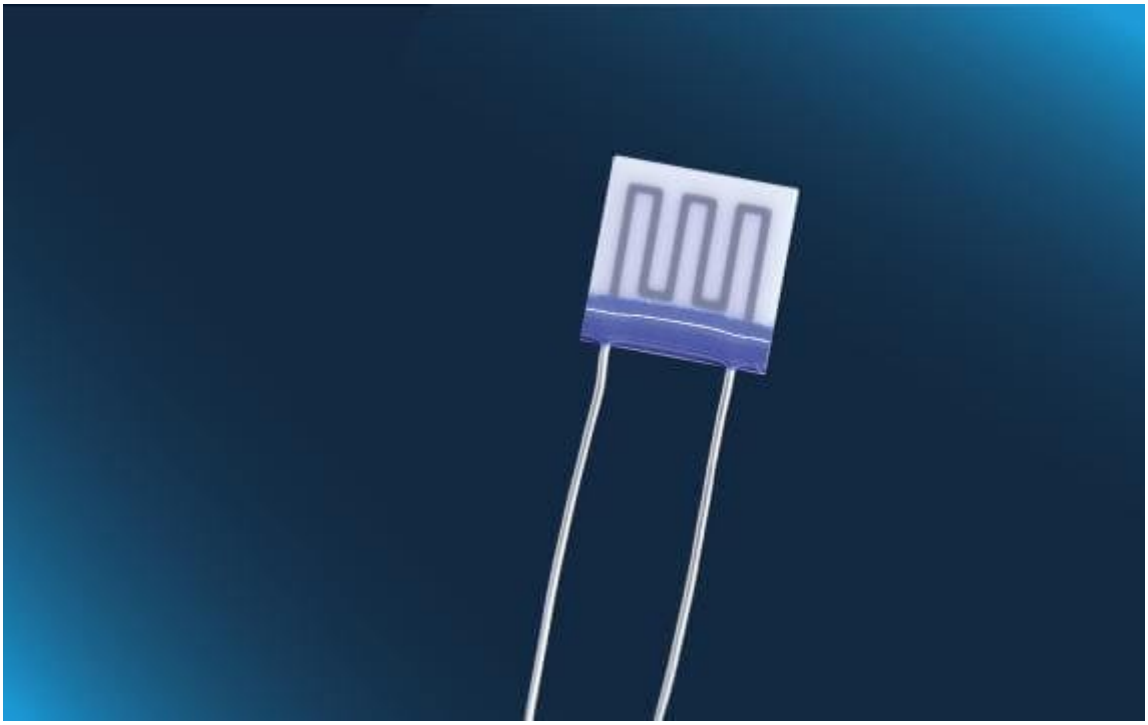
Micro heater for up to 400 °C



Micro heater with small foot print for targeted heating of small spaces

with PTC positive temperature coefficient of resistance material

Product Name: HST.P05R0.0505.63A.4W.020
Operating temperature range: -50 °C to +400 °C
Resistance: 5.0 0 Ω at 0 °C
Dimensions: 5 x 5 x 0.63 mm
Lead wires: Ag wires, 20mm
Product code: 154078

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

Quality

Consistent with the well-known, high-quality standards in Switzerland, iST is certified according to ISO 9001:2015 (quality) and ISO 14001:2015 (environment). Appropriate processes are part of our daily work. They are regularly audited and extended parallel to the growth of our company.

> Read more

The online shop

Quantity (pieces)	Price (per piece)
5-49	CHF 9.20
50-99	CHF 7.40
100-499	CHF 6.30

Stock: **45**