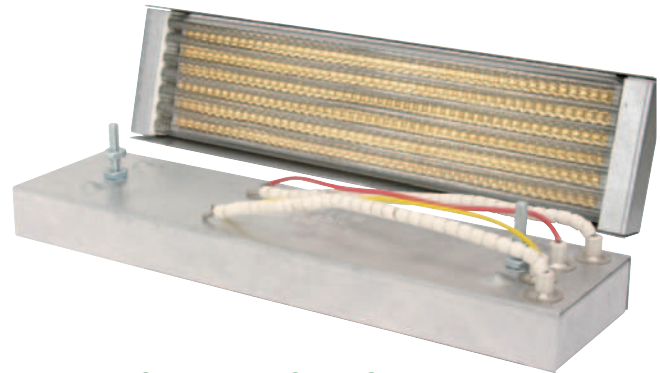
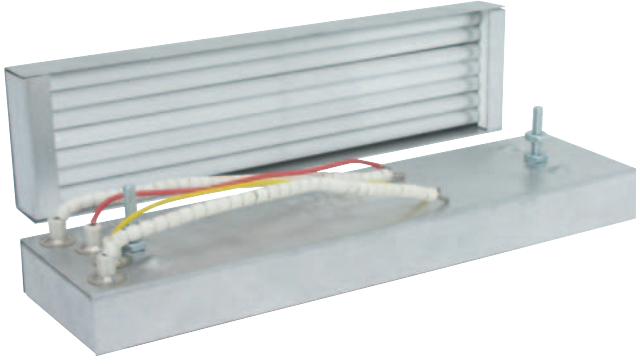


### High Intensity Medium Wave Quartz Mini-Tube Infrared Heaters KTE (Translucent Tubes) & KTG (Clear Tubes with Gold Coated Ceramic Backing)



#### Series KTE – Translucent Tubes

##### Design Features

- \* Standard industry sizes and ratings up to 60 w/in<sup>2</sup> (interchangeable with CRC, CRB, CRN and CRZ ceramic heaters).
- \* Highly reflective rugged aluminized steel housing construction.
- \* Rapid response – 2.5 to 7.5 deg F / sec. heat-up / cool-down rates, depending on unit watt density.
- \* Medium wavelength output (2.5 – 6 microns).
- \* Standard winding pattern gives uniform heating over entire face of heater. (Consult factory for custom or high intensity winding patterns and/or sizes.)
- \* Optional built-in type K or J T/C available in center of unit face.

##### Typical Applications

- ➔ Ideal for drying, adhesive and epoxy bonding/curing
- ➔ Laminating
- ➔ Shrink packaging

#### Series KTG – Clear Tubes with Gold Coated Ceramic Backing

Up to 95% reflective efficiency using gold coated ceramic backing

- \* Ideal for systems requiring small area zoning and close control of process.
- \* Best when used at radiation distances of 4 – 10" from work.
- \* Suitable for horizontal or vertical operation with tubes in horizontal plane.
- \* Designed for use in CRA linear structural housings and ARV array assemblies. See pages 7-48 through 7-51.
- \* 120, 208, 240, 277 or 480V design (consult factory for 575V units)

- ➔ Thermoforming plastics
- ➔ Other processes requiring fast penetration of heat into metals, wood, synthetic fabrics, and plastics

#### Ordering Information

##### Custom Engineered/Manufactured KTE Heaters

An electric heater can be very application specific; for sizes not listed, TEMPCO will design and manufacture a KTE or KTG E-Mitter or complete system to meet your requirements.

**Standard lead time is 3 weeks.**

**Please Specify** the following:

- |  |   |
|--|---|
| <input type="checkbox"/> Housing Length        | <input type="checkbox"/> KTE Translucent Quartz or KTG Clear Tubes with Gold Coated Ceramic Backing |
| <input type="checkbox"/> Housing Width         | <input type="checkbox"/> Beaded Lead Length: Standard 6"  |
| <input type="checkbox"/> Mounting Style (S, C) | <input type="checkbox"/> Thermocouple: Optional Type K (Standard 6")                                |
| <input type="checkbox"/> Wattage               | <input type="checkbox"/> Options and Accessories: See pages 7-20 through 7-23                       |
| <input type="checkbox"/> Voltage               |   |

##### Standard Heaters

Order by Part Number for Standard heaters.

**⚠ WARNING:** Cancer and Reproductive Harm - [www.P65Warnings.ca.gov](http://www.P65Warnings.ca.gov).