

Features:

- Simple installation
- Low cost design
- Fast heatup
- Can accommodate a wide array of PTC thermistor elements
- For direct application to a wide variety of surfaces and materials
- Rugged construction
- Requires no thermostat
- Virtually unlimited life with no moving parts

Options:

- Wire length and color
- Length of kapton insulation
- Voltage ratings

Description:

ATP's PTC Surface Heaters are compact heating devices that utilize proven ceramic PTC technology to act as the heating element. PTC thermistors are self-regulating elements and can operate at a nearly constant temperature over a wide range of voltage and environmental conditions.

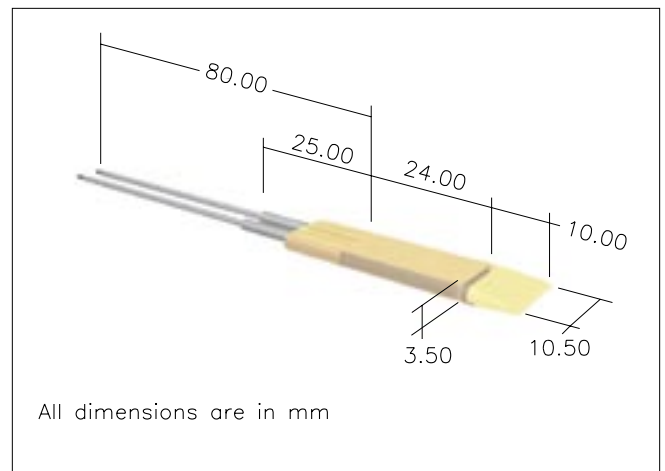
This surface heater assembly utilizes one or more PTC heating elements encased in an insulating sleeve and crimped into a aluminum housing that is designed to efficiently and effectively transfer the heat from the PTC element to the surface to be heated.

These heaters are ideal where low-cost heating of a surface is desired. They require no thermostat or other controlling device and can be used alone or combined with a number of other devices to heat a large area. Applications include hair curlers and crimpers, water heaters, glue guns, valve heating, CCTV cameras, telecommunications equipment, refrigeration drip trays and many others.

Please contact the factory to discuss your specific application or to discuss the availability of any options.



PTC Surface Heater



Ordering Information

ATP Part Number	R ₂₅ (Ω)	V _{max}	T _c (°C)
PZ9-HP601A	300-1000	120V	190 ± 10°C
PZ9-HP601B	300-1000	120V	210 ± 10°C
PZ9-HP601C	300-1000	120V	230 ± 10°C
PZ9-HP601D	300-1000	120V	250 ± 10°C

V_{max} = 220V available upon request