

Applications -200°C .. +300°C

ALL POLYIMIDE HEATERS

Producer: Birk Manufacturing Inc.



SPECIFICATIONS

- Temperature range: -200°C .. +300°C
- Maximum operating temperature: +300°C
- Maximum dimensions: 584.2 mm x 584.2 mm
- Minimum dimensions: 6.35 mm x 6.35 mm
- Temperature consistency /Thermal stability: $\pm 0.1^{\circ}\text{C}$
- Maximum resistance density/cm²: 230 ohms/cm²
- Maximum power density: 18.6 W/cm²
- Maximum voltage: 480 V
- Minimum thickness: 0.127 mm (over leads: 1.24 mm)
- Resistance tolerance: -5% .. +10%
- Dielectric strength: 236 kV/mm
- Minimum bending radius: 0.8 mm



STANDARDS

- CE, RoHS, REACH, UL RECOGNIZED, CSA, AS9100D, ISO 13485, ISO 9001

The specifications and features listed in this document are informational purposes only. Actual performance and suitability depend on specific application conditions. Customers should consult with Ing. Fischer GmbH for detailed engineering evaluations and project-specific recommendations before making purchasing decisions. We reserve the right to modify product specifications without prior notice.

CHARACTERISTICS

Graded heating power density	Yes	
Multi-zone heating	Yes	
Multi-layer circuits	Yes	
UV resistant	Yes	
Waterproof		No
Submersible		No
Chemically resistant	Yes	
Resistant to oil	Yes	
Vacuum compatible	Yes	
Cleanroom compatible	Yes	
Re-installable		No

Your contact person



Erwin Kovacs

E: heater@ing-fischer.at
T: +43 2236 42694-41

Ing. Erhard Fischer GmbH

Weissenbach 101 | AT-2371 Hinterbrühl
W: www.ing-fischer.at