

Applications -40°C .. +235°C

SILICONE HEATERS

Producer: Birk Manufacturing Inc.



SPECIFICATIONS

- Temperature range: -40°C .. +235°C
- Maximum operating temperature: +235°C
- Maximum dimensions: 890 mm x unlimited length
- Minimum dimensions: 6.35 mm x 6.35 mm
- Temperature consistency /Thermal stability: $\pm 0.5^{\circ}\text{C}$
- Maximum resistance density/cm²: 100 Ohm/cm²
- Maximum power density: 4.65 W/cm²
- Maximum voltage: 750 V
- Minimum thickness: 0.5 mm (over leads: 1.12 mm)
- Resistance tolerance: -5% .. +10%
- Dielectric strength: 29.5 kV/mm
- Minimum bending radius: 3.175 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		No
Waterproof		No
Submersible		No
Chemically resistant	Yes	
Resistant to oil		No
Vacuum compatible		No
Cleanroom compatible		No
Re-installable	Yes	

Your contact person



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