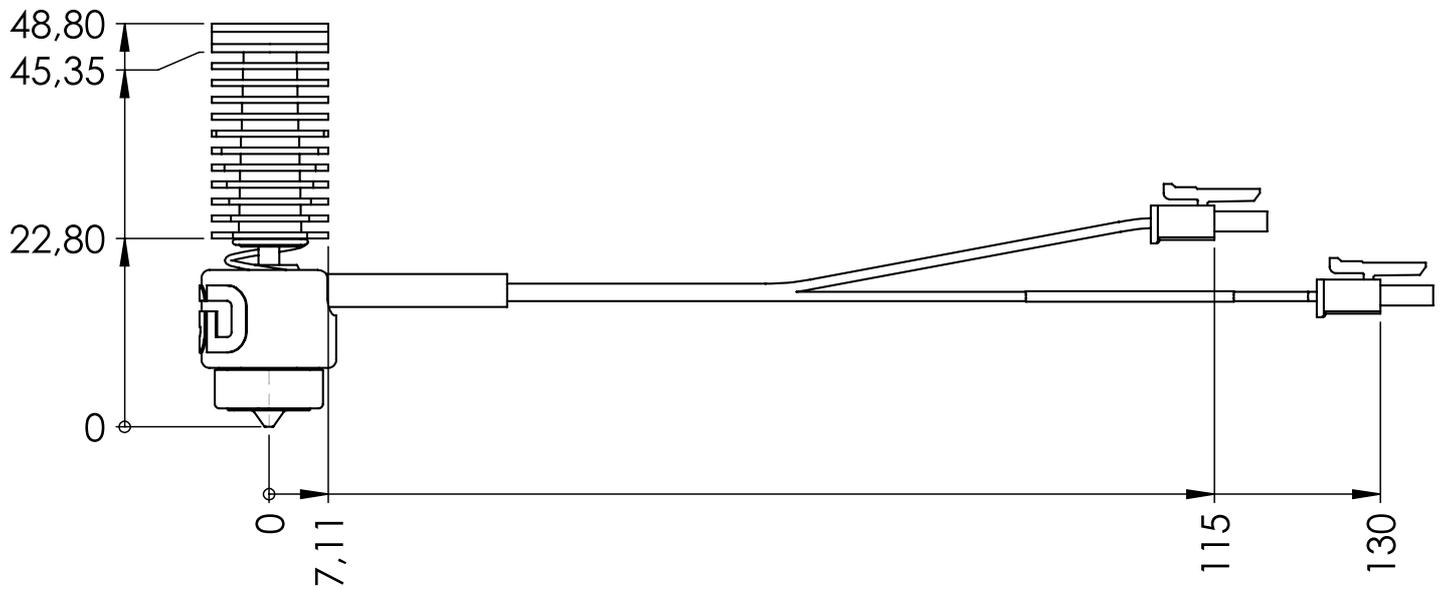


Summary

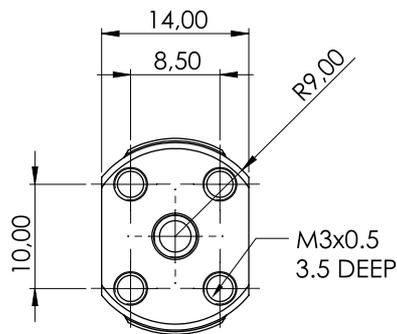
- Max Printing Temperature: 300°C
- Mass: ~25g
- Temperature sensor type: thermistor, Semitec 104NT-4-R025H42G
- Voltage options: 12V or 24V
- Wattage: 40W
- Filament diameter: 1.75mm

Volume and Dimensions



Mounting Guidance

Mounting type: M3 x 0.5



[Figure 1: Revo Voron mounting reference]

Complete mounting instructions and STL files for the Voron printed parts can be found at VoronDesign.com

Cable Orientation

Turn Revo HeaterCore anti-clockwise to orient cables. Turning clockwise will cause the spring to disengage.

Assembly

There is no need to hot-tighten the Revo Voron assembly. Tools must not be used to fasten the Revo Nozzle to the HeaterCore.

Operational Temperatures

Maximum recommended ambient operating temperature (PLA): 40°C

Connections

Heater: Molex Micro-Fit 3.0, 2 pin horizontal

Temperature sensor: Molex Micro-Fit 3.0, 2 pin horizontal

Assembly is supplied with 1m cables to connect to mainboard

Materials

Heatsink: Aluminium (red anodised)

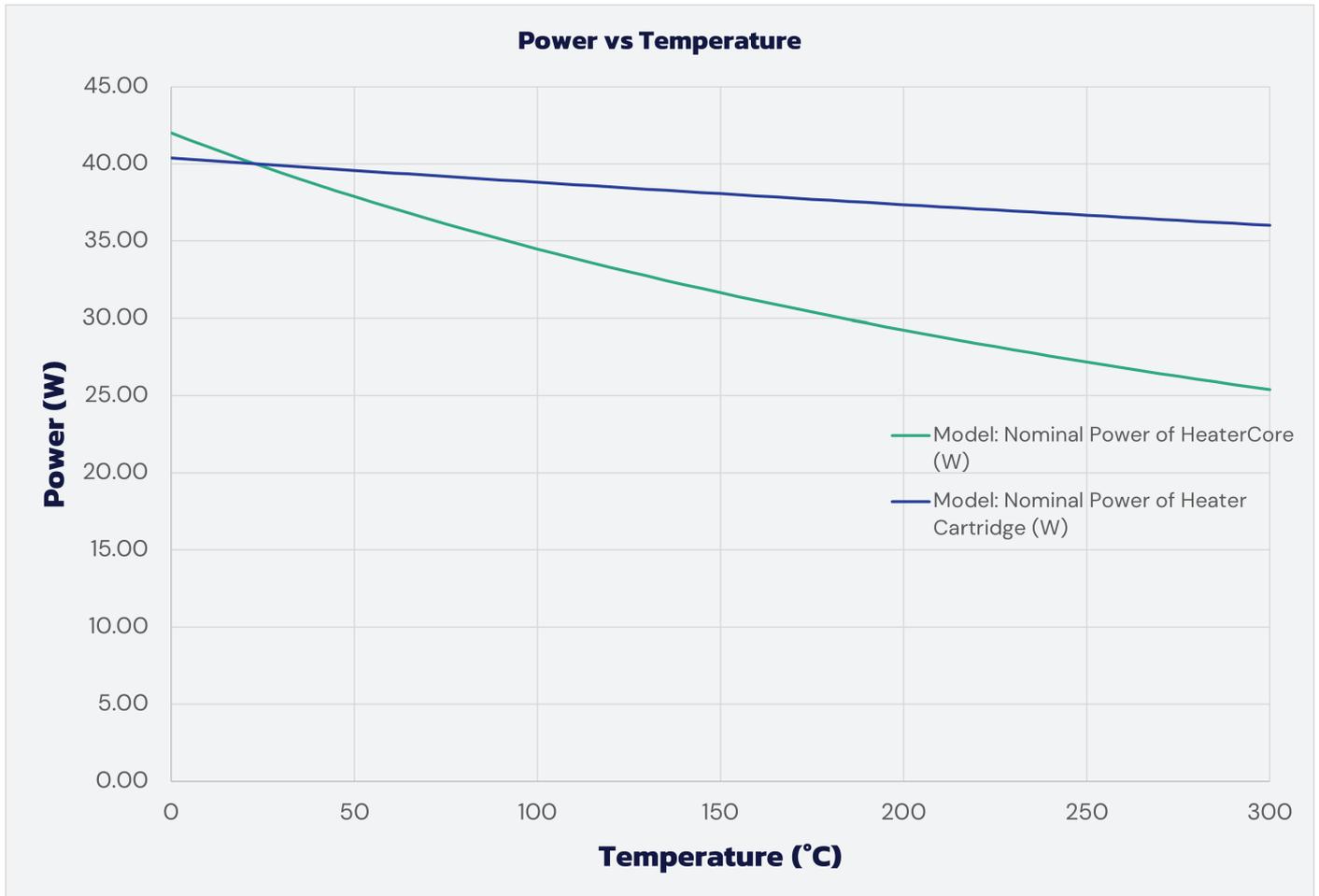
HeaterCore: Alumina, Bronze

Electrical Specification

Heater: 12V or 24V, 40W nominal power at ambient

Temperature sensor: Semitec 104NT-4-R025H42G

Power vs Temperature



Initial Resistance of a 24V heater at 23°C: 14.4Ω

Temp Coefficient of HeaterCore: 0.002078

Temp Coefficient of Heater Cartridge: 0.002078

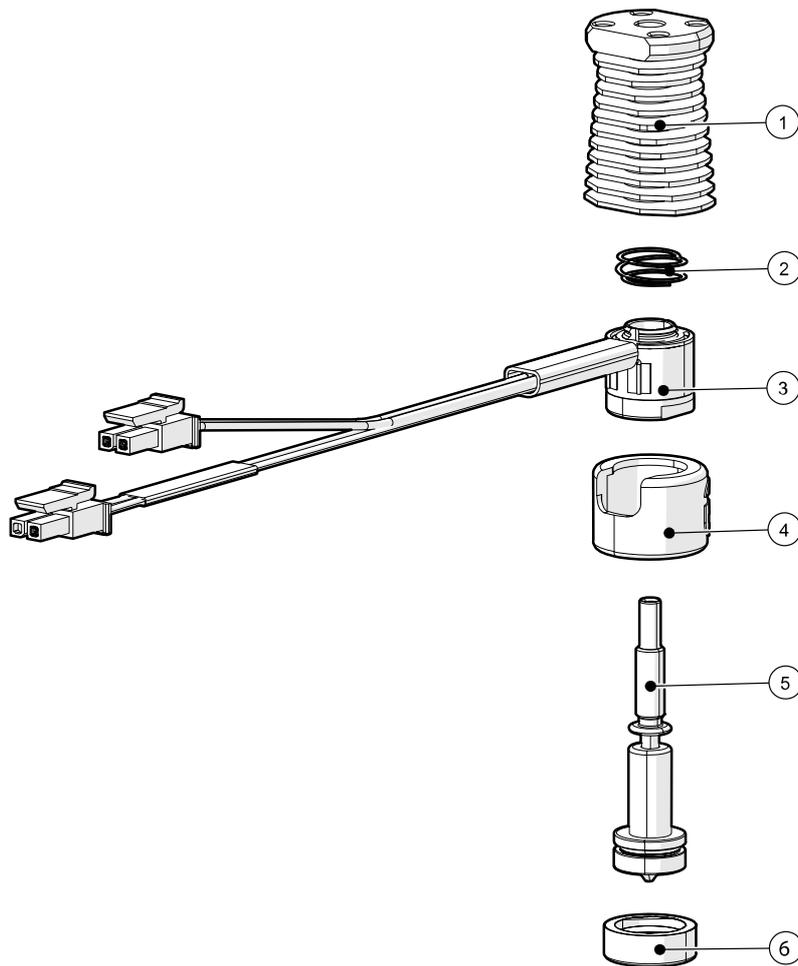
Compliance

Reach

RoHS

WEEE

Exploded View



1. Revo Voron sink
2. Revo spring
3. Revo HeaterCore

4. Revo HeaterCore sock
5. Revo Nozzle
6. Revo Nozzle sock

Changelog

Edition 2

Approved: RY 19/07/2022

Published: 19/07/2022

Notes: Migrated PDF to Zendesk and minor phrasing changes

Edition 1

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