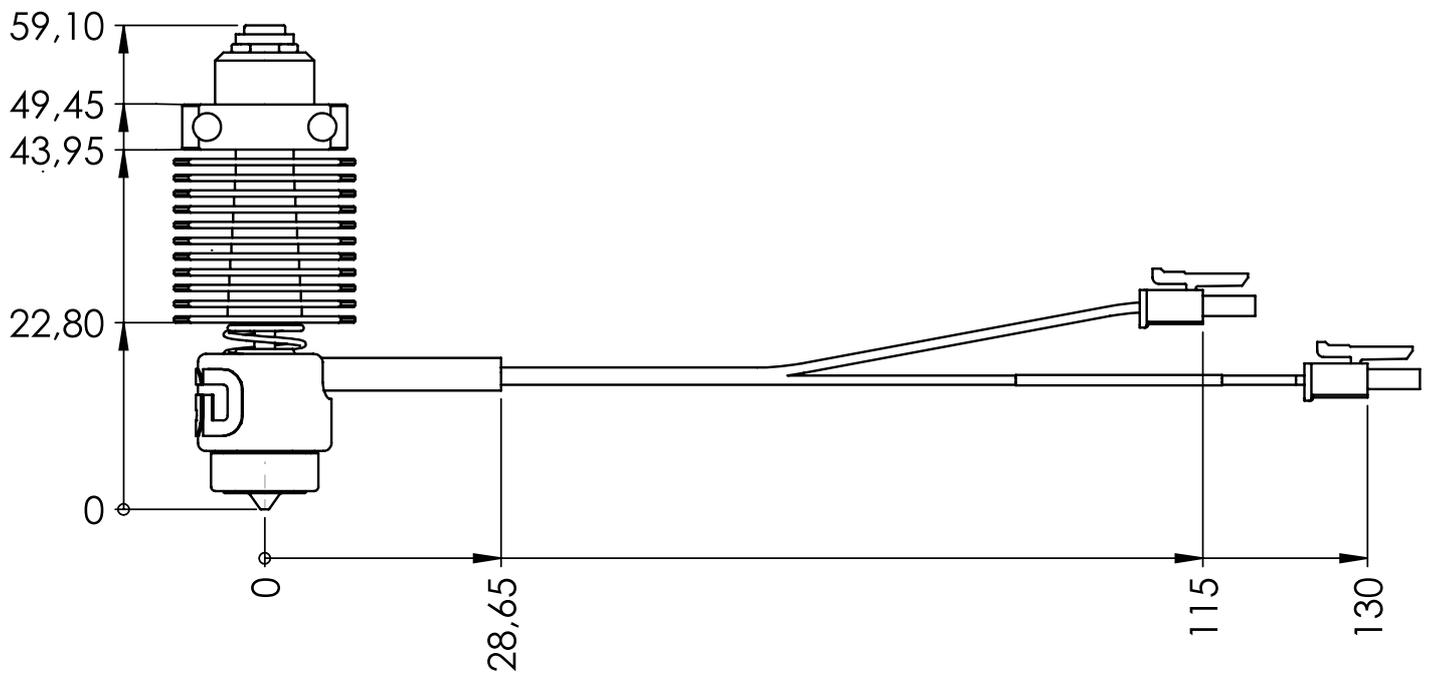




Summary

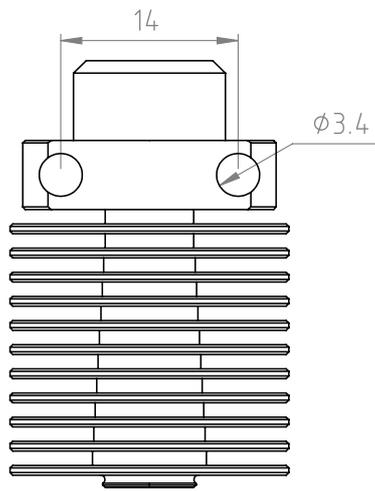
- Max printing temperature: 300°C
- Mass: ~30g
- Temperature sensor type: Creality thermistor
- Voltage options: 12V or 24V
- Wattage: 40W
- Filament diameter: 1.75mm

Volume and Dimensions



Mounting Guidance

Mounting type: M3 x 0.5



The screws from your existing Creality HotEnd can be used to mount Revo CR.

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 CR assembly. Tools must not be used to fasten the Revo Nozzle to the HeaterCore

Operational Temperature

Maximum recommended 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

Materials

Heatsink: Aluminium (black anodised)

HeaterCore: Alumina, Bronze

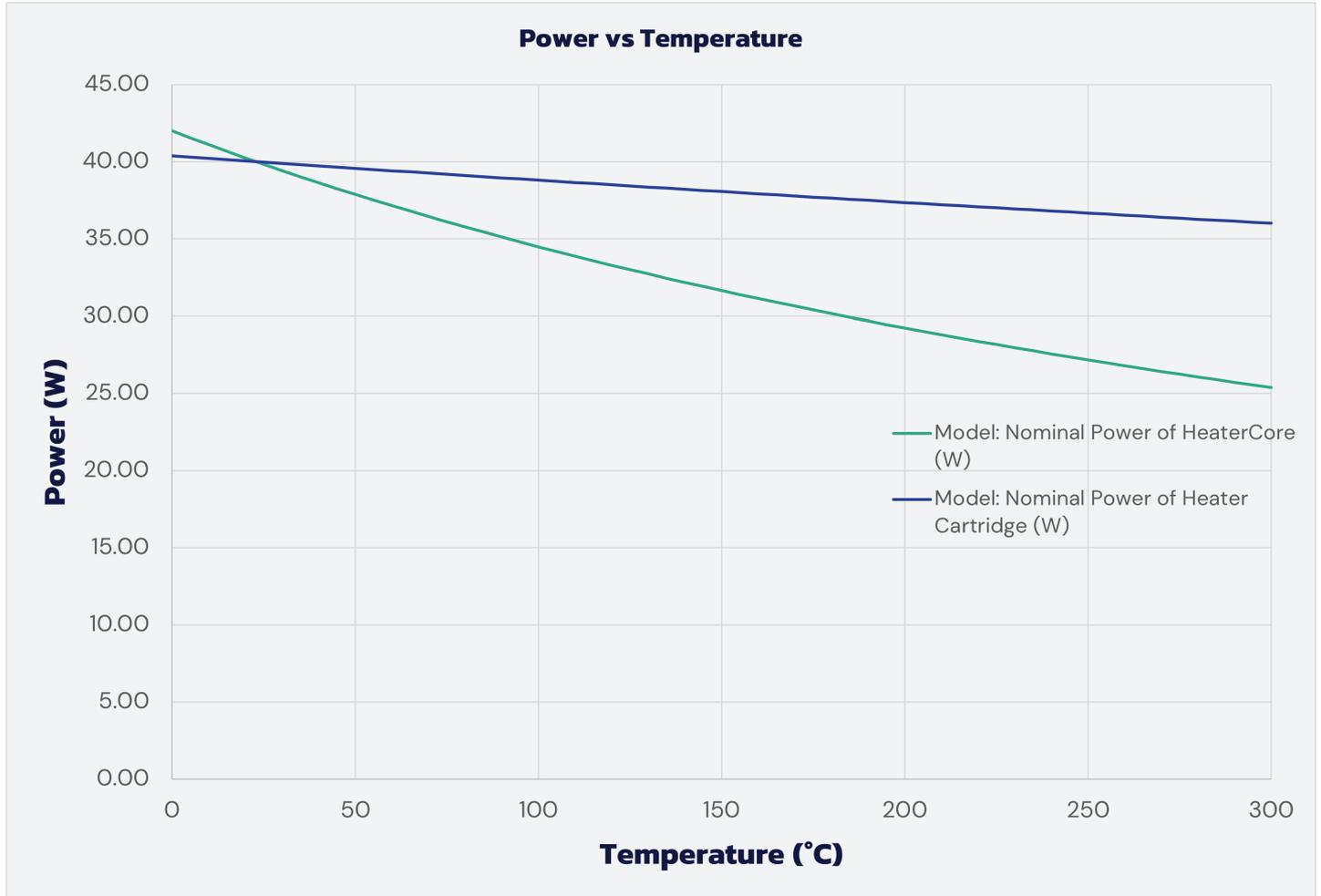
Assembly is supplied with 1m cables to connect to mainboard

Electrical Specification

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

Temperature sensor: Creality Thermistor

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

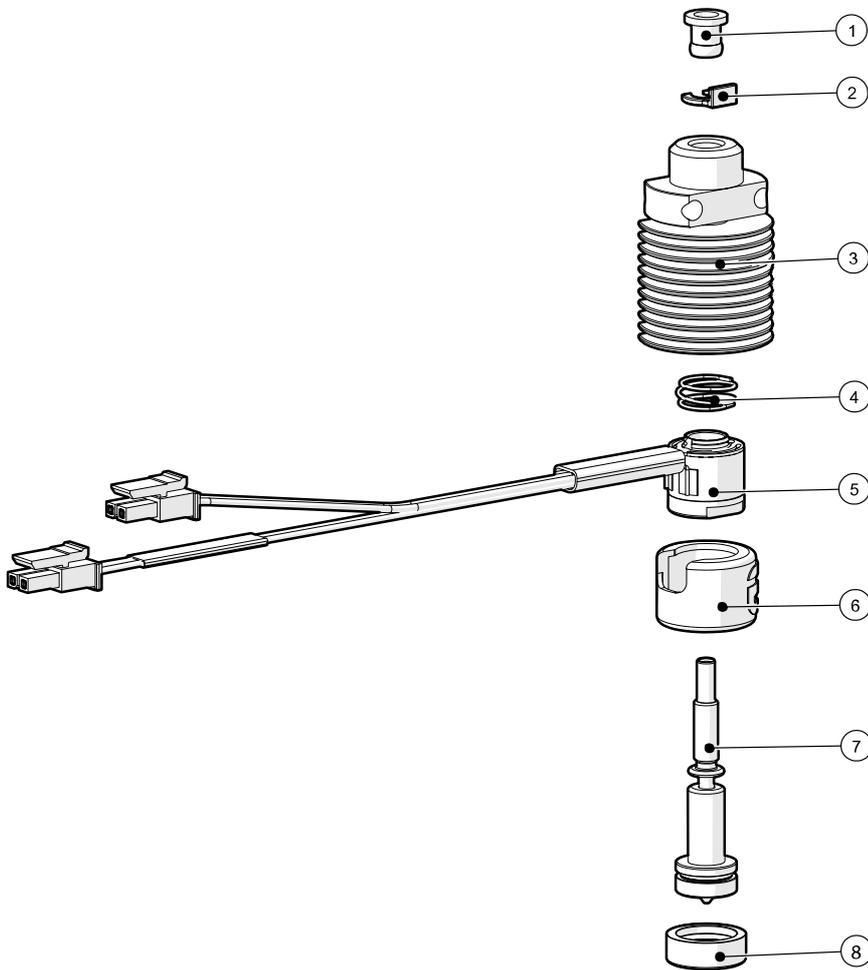
Compliance

Reach

RoHS

WEEE

Exploded View



1. Collet

2. Collet Clip

3. Revo CR Sink

4. Revo Spring

5. Revo HeaterCore

6. Revo HeaterCore Sock

7. Revo Nozzle

8. Revo Nozzle Sock

Changelog

Edition 2

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Notes: Migrated PDF to Zendesk

Edition 1

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