Vincotech *flow 1* Modules

The *flow 1* housing lacks a heavy copper baseplate, which makes for a very affordable module. The 17 mm version leaves plenty of space for discrete components between the module and the PCB. With the benefit of their low stray inductance, the 12 mm version prominently features applications where fast switching speed and high efficiency is needed, resulting in low voltage overshoot.

Optional Press-fit pins provide a very reliable connection to the PCB and cut assembly costs. All modules are available with a pre-applied layer of phase-change material that improves thermal resistance and speeds up assembly time on the manufacturing line.

**Housing dimensions**
- Height: 12 mm / 17 mm
- Length: 82 mm
- Width: 38 mm

**2-clips**
- Fast, easy assembly
- Widely used standard housing
- Several versions / mounting options:
  - 12 or 17 mm housing height
  - Clip-in
  - Screw assembly for solder and Press-fit pins
  - Variable pin position for very low inductivity
- Compact, baseplate-less format
- PCM is available

**4-towers**
- Widely used standard housing
- Several versions / mounting options:
  - 12 or 17 mm housing height
  - Screw assembly for solder and Press-fit pins
  - Variable pin position for very low inductivity
- Easy assembly
- Compact, lightweight, baseplate-less format
- PCM is available
- Convex pre-bent DCB for improved thermal connection

*Available from Richardson RFPD*
Vincotech *flow 1* Modules

flow 1 housing variations

Outline drawing

Available from Richardson RFPD