

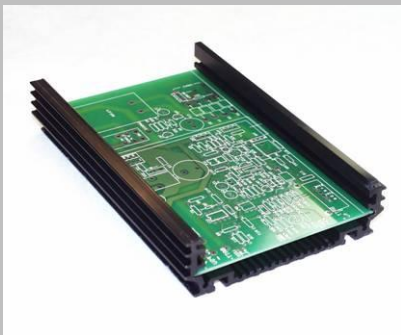
## Model LHS/LHSK Heatsink Enclosures

### Product Information



These extruded aluminium interlocking channels are designed to be used as robust, low impedance, electronics enclosures. The great benefit of this design compared with a single 'pipe' extrusion is the ability to work on the mounted board in situ, before sliding the top section over to form the enclosure. This is particularly helpful where thermally bonded power devices are coupled to the heatsink.

Extrusions are available in one length, 160mm. The enclosures are formed simply by sliding two interlocking channels together.



Eurocard circuit boards can slide into internal card guides enabling power devices to be attached to the thick heatsink section of the vertical wall with an M3 screw and half nut. Alternatively, narrower circuit boards can be fitted horizontally.

Two boards can be mounted within the enclosure, and spacers can be used to support heavy components. The enclosure is sealed as a unit by screwing the panels onto the ends.

### Key Features

- Low thermal impedance heatsink
- Easy access heat sink enclosure
- Accepts Eurocard (100 x 160 mm) or narrower pcb's
- Simple fitting of power devices (M3 x 7 screw and half nut)
- Enclosure gives RFI protection
- Vertical or horizontal board mounting
- External M4 nut "T" slots for mounting
- A single extrusion can also be used as a free-standing heatsink

## Specifications

### Extrusion:

HE9TF aluminium. Black anodised. Standard length 160mm.  
Normal wall thickness 2-3mm.

### End Panels:

HE9TF aluminium. Black anodised. Thickness 1.6mm with four mounting holes.

### Heatsink Only:

Comprises:

- One extrusion channel.

<u>Part No.</u>	<u>Length</u>	<u>°C/W</u>	<u>Mass</u>
LHS160	160mm	2.3	0.25kg

### Heatsink Enclosure Kit:

Comprises:

- Two extrusion channels
- Two end panels
- Eight 6mm black self tap screws
- Four self adhesive rubber feet

<u>Part No.</u>	<u>Length</u>	<u>°C/W</u>	<u>Mass</u>
LHSK160	160mm	2.3	0.55kg

