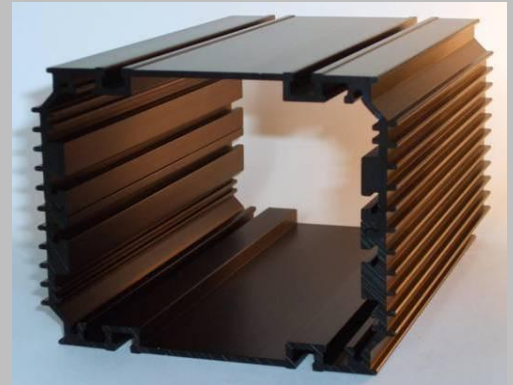
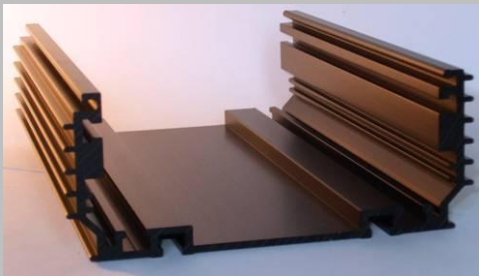


Model HS/HSK Heatsink Enclosures

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 two lengths, 160mm or 220mm. 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. There is no need for drilling.

Two boards can be mounted within the enclosure, and a standard spacer can be used to support heavy components. The 83mm internal height means the enclosures are capable of housing a toroidal transformer of up to 100VA. The enclosure is sealed as a unit by screwing the panels onto the ends.

Key Features

- Low thermal impedance heatsink
- Suitable as heat sink enclosure or as 3U rack plug in unit
- Accepts Eurocard boards (100 x 160mm or 100 x 220mm)
- Simple fitting of power devices (M3 x 7 screw and half nut)
- Enclosure gives RFI protection
- Suitable for toroidal transformer rated up to 100VA
- Internal & external M4 nut "T" slots
- A single extrusion can also be used as a free-standing heatsink

Specifications

Extrusion:

HE9TF aluminium. Black anodised. Standard lengths 160mm or 220mm. Normal wall thickness 2mm; thickness adjacent to power devices 7mm.

End Panels:

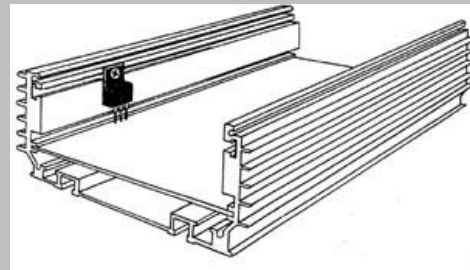
HE9TF aluminium. Black anodised. Thickness 1.6mm with four mounting holes.

Heatsink Only:

Comprises:

- One extrusion channel.

<u>Part No.</u>	<u>Length</u>	<u>°C/W</u>	<u>Mass</u>
HS160	160mm	2.0	0.35kg
HS220	220mm	1.8	0.46kg



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>
HSK160	160mm	2.0	0.8kg
HSK220	220mm	1.8	1.0kg

