

Extruded Heat Sink Cases

Aluminium



Features

- Black anodized aluminium extruded box section to take 100mm × 80mm, 100mm × 160mm or 100mm × 220mm circuit boards
- Slim profile for space conscious applications
- This box features dovetail slots down the side that accept a Linc-Lug mounting bracket to facilitate surface mounting
- Optional gaskets allow waterproofing
- The maximum height of components on a board mounted in the bottom slot is 18mm / 20mm depending on orientation
- One side of the box features two sets of appearance enhancing groves
- Between the sets of groves is a shallow (0.5mm deep) recess which could be used for a label

Specifications

Length Tolerance	: Nominal length -0mm / +1mm
Non-standard Lengths	: Available
Material	: Aluminium 6063 T6 (HE9)
Finish	: Black anodized 5µm thickness to BS 1615 - can be painted directly if required. The cut ends are not anodized
Weight	: 1.38kg/m
Perimeter	: 316mm (outside), 306mm (inside)
Screw ports	: Nominal diameter 2.7mm to take a No.4 self-tapping screw with a 3mm major diameter of a type normally used for plastic. They are not suitable for ordinary self-tapping screws that have a 2.9mm diameter with a wide tolerance. The screw ports can be threaded M3 using a thread-rolling tap, but a thread cutting tap will make a weak thread. Alternatively an M3 thread-forming screw can be used to roll its own thread.

Part Number Table

Description	Part Number
Case, Aluminium, 80mm × 108.5mm × 30mm	MC002218
Case, Aluminium, 160mm × 108.5mm × 30mm	MC002219
Case, Aluminium, 220mm × 108.5mm × 30mm	MC002220

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