

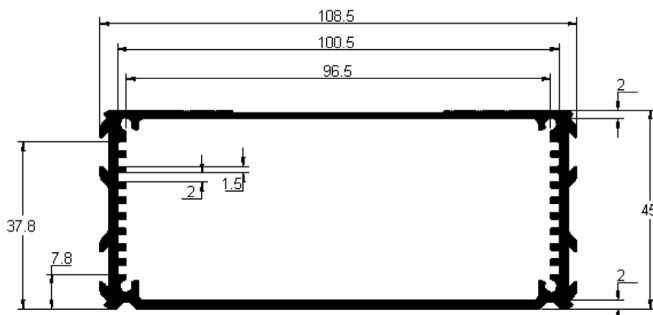
## Overview

Black anodized aluminium extruded box section to take 100mm x 80mm, 100mm x 160mm or 100mm x 220mm circuit boards. This box features dovetail slots down the side, which accept a Linc-Lug mounting bracket to facilitate surface mounting. The maximum height of components on a board mounted in the bottom slot is 33mm. One side of the box features two sets of appearance enhancing grooves. Between the sets of grooves is a shallow (0.5mm deep) recess that could be used for a label.

## Specifications

- Material : Aluminium 6063 T6 (HE9)
- Finish : Black Anodized 20µm Thickness
- Dimensions : 80mm × 108.5mm × 45mm / 160mm × 108.5mm × 45mm / 220mm × 108.5mm × 45mm
- 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, which 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.

## Diagram



Dimensions : Millimetres

## Part Number Table

Description	Part Number
Aluminium Electronic Enclosure, Black Anodize, 80mm × 108.5mm × 45mm	MC002221
Aluminium Electronic Enclosure, Black Anodize, 160mm × 108.5mm × 45mm	MC002222
Aluminium Electronic Enclosure, Black Anodize, 220mm × 108.5mm × 45mm	MC002223

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