

Extruded Heat Sink Cases

Aluminium



Features

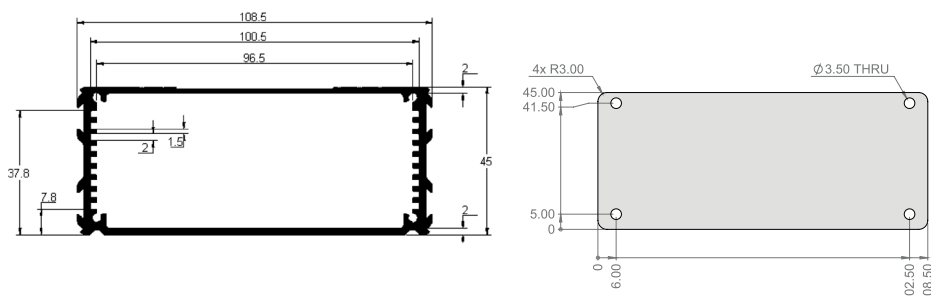


- Silver anodized aluminium extruded box section to take 100mm × 80mm, 100mm × 160mm or 100mm × 220mm circuit boards
- This box features dovetail slots down the side that accept a Linc-Lug mounting bracket to facilitate surface mounting
- Optional gaskets allow waterproofing
- The maximum height of components on a board mounted in the bottom slot is 33mm
- One side of the box features two sets of appearance enhancing groves
- Between the sets of groves is a shallow (0.5 mm 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 : Silver anodized 5 µm thickness to BS 1615 - can be painted directly if required. The inside and cut ends are not anodized
- Weight : 1.63 Kg/m
- Perimeter : 348mm (outside), 362mm (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

Diagram



Part Number Table

| Description | Part Number |
|---|-------------|
| Case, Aluminium, 80mm × 108.5mm × 45mm | MCRECS80 |
| Case, Aluminium, 160mm × 108.5mm × 45mm | MCRECS160 |
| Case, Aluminium, 220mm × 108.5mm × 45mm | MCRECS220 |

Dimensions : Millimetres

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