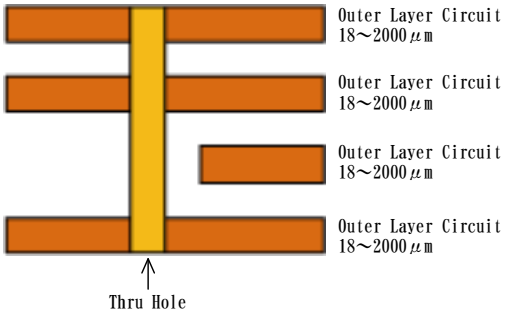
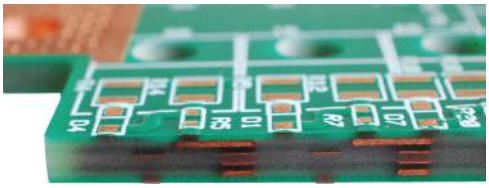
High Current PC Board

Although the copper thickness of PC Board is 35μm in general, we attained capability of accommodating high electric current by increasing copper thickness up to 2000μm. We also attained capability of producing PC Board which can accept large electrical load by adopting heat dissipation Via, which contributed to miniaturizing PC Board.



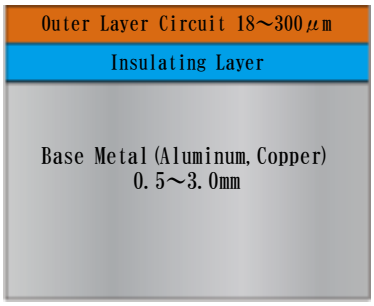


○ Current rating : 8A
○ Reliability measures can be taken against the heat generated by heat dissipation, or power supply to high calorific devices such as Power MOSFET Inspection Board.
○ Significant reduction of assembly cost, and stability of production can be achieved by enabling PC Board to accommodate large electrical load, in the process of manufacturing screw-fixing type copper plate, such as Bus Bar.

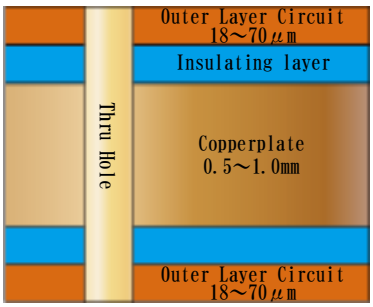
Metallic PC Board

Metal PC Board enhanced heat dissipation and heat resistance. The range of products includes Metal Base PC Board, and Metal Core PC Board.
Metal Base PC Board : It is a PC Board that the circuit is formed on metal plate.
Metal Core PC Board : It is a PC Board that metal plate, such as aluminum, copper, is inserted within it.

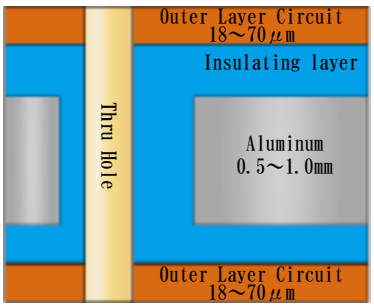
Metal Base OC Board

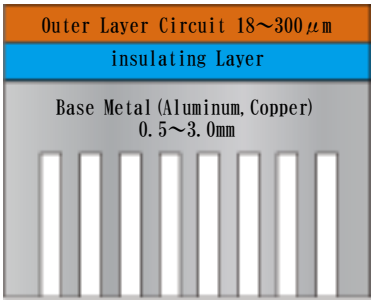


Copper Core PC Board



Aluminum Core PC Board





Heat Sink PC Board

Heat dissipation layer and circuit are formed on the aluminum heat sink material, and anodic oxide coated.
*Higher effect from heat dissipation can be achieved, comparing to he retrofitted heat sink.