



ISO/TS16949 & AS9100 Certified!

Manufacturer of Printed Circuit Board since 1985

Heavy copper or PLPCB

What is PLPCB technology.....

PLPCB (PowerLink Printed Circuit Boards) technology allows multiple copper weights on the PCB for the Buss Bar Application.

Production capabilities:

Layer count: 1 - 25

Overall board thickness: 5 - 250 mil

Smallest drilled holes size: 6 mil, (Pad to Hole size may limit heavy copper)

Copper weights:

Outer-layers: up to 50 doz/ft² (3.12 lbs./ft²)

Inner-layers: up to 8 oz/ft², with standard processes & up to 90 oz w/special processing.

Dielectric Materials:

FR4, Polyimide, BT-epoxy, Cyanate, Ester, High Frequency laminates – other

LPI Solder-mask :

•Green, Red, Black in semi-gloss.

Silkscreen Ink:

•LPI White ink (5 mil or larger features)

•Available in : white, black or yellow (8 mil or greater)

Final Finishes:

•Lead Free HASL Solder, HASL PbSn Solder, ENIG, OSP

Electrical testing:

•Net listed (with fixture), flying probe(fixtureless)

•Insulation Resistance and HI-POT testing

Production Lot traceability on all parts

“PowerLink” is defined as the use of 2 or more copper weights on the same external layer of a printed wiring board.

Use of multiple Copper weights.

In size reduction.

Protects circuit failure.

Reduce number of connectors.

Increased mechanical strength

Higher current carrying capacity

Use of high temperature dielectric



Unique manufacturing capabilities at EI:

- Multi-copper weights capabilities.
- Heavy / Extreme copper tracks and vias.
- Edge Plating & Plated Castellations.

www.eiconnect.com

Phone: (800) 364-4844
Email: sales@eiconnect.com

THE PCB EXPERTS !