

CAPITAL CIRCUITS LIMITED

PREMIUM PRINTED CIRCUIT BOARD MANUFACTURERS

Technical Requirements

To help us give you an accurate quotation and prompt reply on all printed circuit board inquiries, we need the following information:

Mechanical Drawings

The mechanical drawing must show:

- a clear distinction between the PTH and NPTH holes
- fully dimensioned profiles with tolerances
- a common datum for drill and profile.

Information Formats



Post Plot Inspection



Excellon MKVI E Driller

We require Gerber format output files from your CAD, and an Aperture Table.
Or the Protel Design file.

CAD Data

Protel, Gerber

Photoplot Layers

Gerber Format
Aperture Table

NC Drill/Route layers

Excellon Format
Tool List
Identify NPTH under separate tool numbers

Design Rules

No pad required for NPTH
Pads required on both sides for PTH
0.005" minimum track and gap spacing

Mode of Data Transfer

Diskette or email

The latest version of this document is on our web site, capitalcircuits.co.nz.