Precision Technology Printed Circuit Board Capabilities and Guidelines

Manufacturing Services Offered:
ITAR registered and compliant
UL recognized
Impedance controlled products
Class 3
Single sided
Double sided
Multilayer, 4-12 layer

Final finish:
Hot Air Solder Leveling
Lead free HASL
ENIG
Silver
Gold fingers
Copper

Silk screen:
White
Yellow
Black
Orange
Blue

Minimum board thickness:
.025"

Additional features:
Edge castellation
Plated counter sinks
Plated slots
Non-plated slots
Covered vias
Carbon ink screening
Plated board edges

Manufacturing Volumes:
1 piece through production volumes

Board material:
FR4   140Tg
GA170   175Tg ROHS compliant
370HR   180Tg ROHS compliant
Rogers   RF application
Thermally Conductive Substrate (aluminum)

Solder mask:
Green
Red
Blue
Yellow
Black
White
Clear

PCB fabrication:
Scoring, array or individual boards
Rout and retain
Jump scoring

Copper Thickness:
0.5 oz - 4.0 oz

Maximum board thickness:
.125"

Electrical testing:
Flying probe
Grid
TDR testing

For a full description of our design guidelines and specifications for manufacturability
http://www.circuitboards-pti.com/wp-content/uploads/2011/08/designGuidelineManufacturability.pdf