

Certificate of Compliance (CoC)

Test Certificate for Printed Circuit Boards
Acc. Specification: **IPC-A-600F**

Board type: _____
Order #: _____
Lot-# _____

Microsection:

Tested items:

Built-up, Internal layer connection, Isolation spacing internal layer,
PTH thickness- 3.6.2.10(**IPC-6012A** paragraph)

Result: _____ Test inspector: _____
(Acceptable/Not acceptable)

Picture of Microsection:

Please insert picture of
Microsection here.

Please insert picture of
Microsection here.

100% Visual Control of Finished PCBs (conducted at appropriate magnification)

Controlled items:

Metal finish coating (stains, scratches, voids, discoloration, uneven, etc)

Solder resist coating (stains, scratches, delamination, discoloration, placement, contamination, etc)

Legend print completeness, smear, placement etc)

Result: _____ Test inspector: _____

100% Electrical Test

Result: _____ Test inspector: _____

Characteristics	PCB Dimensional Requirements and Tests				
	Nominal value	IPC-6012A paragraph	Measured value	Verifiable certificate of compliance	Acceptable (yes/no)
Board length		3.4		Min.3 PCBs or at least 5% of QTY	
Board width		3.4		Min.3 PCBs or at least 5% of QTY	
Annular ring (Internal)		3.4.2		Per production panel	
Annular ring (External)		3.4.3		Per production panel	
Conductor Width (Internal layer)		3.5.1		Min.3 PCBs or at least 5% of QTY	
Conductor Space width (Internal layer)		3.5.2		Min.3 PCBs or at least 5% of QTY	
Conductor Width (External layer)		3.5.1		Min.3 PCBs or at least 5% of QTY	
Conductor Space width (External layer)		3.5.2		Min.3 PCBs or at least 5% of QTY	
Cooper plating thickness (Surface plating)		3.6.2.12		Per production panel	
Solder resist coverage		3.8.1		Per production panel	

Impedance Test (on request)

Result: _____ Test inspector: _____

Tape Test

Tested items: Adhesion of solder resist and metal coating

Result: _____ Test inspector: _____

General Confirmation:

The printed circuit boards were produced with proven and verified production processes which performances were kept within nominal limits.

Approved by:

Quality or Production manager