



# Test Request Form: MIL-PRF-55110, Group B Inspection

Company:			Date:
Address:			NTS Quotation Number:
City:	State:	Postal Code:	Purchase Order:
Country:	Cage Code / MFR#		PO Authorized Signature:

Contact:	Phone:	Email:
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Part Number:	Production Month & Year:	Date Code:
Serial Numbers:	Lot Number:	

Please indicate the specification sheet samples will be tested to:

Submission is for DLA monthly/annual retention ITAR Requirement: Yes No

<b>MIL-PRF-55110</b>	Revision:	Amendment:	<small>(defaulted to latest revision/amendment unless otherwise specified)</small>		
Material Type:	IPC-4101 /	IPC-4103 /	IPC-4204 /	Board Type:	
Adhesiveless	Slash # required	Slash # required	Slash # required	Slash # required	Total Layers:

### Periodic Conformance Inspection baseline test coverage.

**Rework Simulation\***

Submit (2) type 'A' coupons representing the typical component hole or actual production sample.

**Moisture and Insulation Resistance**

Submit (2) type 'E' coupons ("Y" conductor pattern) [Same coupons can be used for DWV]

**Dielectric Withstanding Voltage**

Submit (2) type 'E' coupons ("Y" conductor pattern) [Same coupons can be used for MIR]

**Resistance to Solvents (optional)**

Test not required per MIL-PRF-31032. Submit (3) production boards or coupon strips with ink or paint markings.

**Surface Peel Strength (optional)**

Submit a total of (8) type 'N' or 'P' coupons from a minimum of (2) different production lots (four each from two lots). COPPER SAMPLES ONLY. All surface finish plating or coatings should be chemically removed from specimens prior to test. [Type 3, foil lamination only]

Lot #1 ID:	Lot #1 s/n(s):
Lot #2 ID:	Lot #2 s/n(s):
Lot #3 ID:	Lot #3 s/n(s):
Lot #4 ID:	Lot #4 s/n(s):

**Thermal Shock**

Submit (2) type 'D' coupons

**Copper Tensile Strength/Elongation**

Submit (1) sheet of copper per tank. Minimum size of 12" x 12", plated 2-4 mils thick with the tank and vertical direction identified.

Tank ID(s):	Production Month & Year:
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**Copper Purity(optional)**

Test not required per MIL-PRF-31032. Samples will be taken from the same sheet of copper for tensile/elongation.

**Flexural Fatigue/Ductility (optional)**

Test not required per MIL-PRF-31032. Samples will be taken from the same sheet of copper for tensile/elongation.

### Special Test Instructions/Comments:

### Final Test Report:

All final test reports are uploaded to [NTS LabInsight](#) for secure customer retrieval.

**\*FORM MUST BE SUBMITTED WITH SAMPLES ALONG WITH A HARD COPY OF THE PURCHASE ORDER\***