



Test Request Form: MIL-PRF-31032 PCI

Company: NTS Facility Preference: Anaheim, CA Baltimore, MD
 Address: NTS Quotation Number:
 City: State: Postal Code: Purchase Order: Date:
 Country: Cage Code / MFR# PO Authorized Signature:

Contact: Phone: Email:

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

Please indicate the specification sheet samples will be tested to: (defaulted to latest revision/amendment unless otherwise specified)

MIL-PRF-31032/ Revision Amendment Samples submitted for testing will be tested to the latest Revision/Amendment.
 Submission is for DLA monthly/annual retention **-or-** Submission is for customer retainment only **ITAR Requirement: Yes No**
 Material Type: IPC-4101 / IPC-4204 / Board Type: Total Layers:
 Slash # required Slash # required
 IPC-4103 /

NOTE: Master Drawing must be submitted for all Group B submissions. Evaluations will not be completed until a drawing is supplied.

Periodic Conformance Inspection

Periodic Conformance Inspection baseline test coverage (*required tests) PCI Quantity:

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

Moisture and Insulation Resistance* & Dielectric Withstanding Voltage
 Submit (2) type 'E' coupons ("Y" conductor pattern)

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) Surface Peel Quantity:

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):

Copper Tensile Strength/Elongation Tensile Quantity:

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:

Copper Purity(optional) Purity Quantity:
 Test not required per MIL-PRF-31032. Samples will be taken from the same sheet of copper for tensile/elongation.

Flexural Fatigue/Ductility (optional) Flexural Quantity:
 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. A hard-copy version may be requested at an additional fee.

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