



DEFENSE LOGISTICS AGENCY
 LAND AND MARITIME
 POST OFFICE BOX 3990
 COLUMBUS OH 43218-3990

IN REPLY
REFER TO

DLA LAND AND MARITIME-VQ (VQE-11-22038/Mr. Werman)

February 28, 2011

SUBJECT: Notification of Add-On Qualification, FSC 5998, MIL-PRF-31032, MIL-PRF-55110, CAGE Code: 3DR67

Mr. Darrell Myers
 Sanmina - SCI, San Jose
 2050 Bering Drive
 San Jose, CA 95131

Dear Mr. Myers:

Add-on qualification of your product is granted under the current issue of the specifications as a result of successful qualification testing to Military Performance Specification MIL-PRF-31032, Printed Circuit Board/Printed Wiring Board, and associated specification MIL-PRF-31032/1. This qualification is based on your technical review board (TRB) review and approval of the material and classification indicated below. Additionally, Sanmina - SCI, San Jose, retains your cross listing to QPL-55110, per paragraph 6.3.4 of MIL-PRF-31032 and MIL-PRF-55110 appendix B. The effective date of this qualification is February 28, 2011. The items that changed in your GI qualification listing are highlighted.

MANUFACTURER NAME & ADDRESS Sanmina-SCI (San Jose) 2050 Bering Drive San Jose, CA 95131, US	BASIC PLANT LOCATION SAME	CAGE CODE: 3DR67 CONTACT: Darrell Myers PHONE: 408-964-6515 Fax : 408-964-6453 EMAIL: darrell.myers@sanmina-sci.com
CAPABILITIES BY TECHNOLOGY / ASSOCIATED SPECIFICATION MIL-PRF-31032/1/2 Max. Panel Size: 21" X 27" Max Board Thickness: 0.250" Minimum Drilled thru-hole: 0.010" Aspect Ratio: 14 : 1 Max Number of Layers: 30 Min. Conductor Width: 0.003" Min. Conductor Spacing: 0.003" Part Mounting: SMT, THM, MIX Rigid Base Materials: GI: Glass Base, Woven, Polyimide Resin Finish Systems: HASL, ENIG, ImmAg, OSP, Hot Oil Reflow of Plated Sn/Pb Hole Preparation: Plasma Desmear Alternate Construction: Foil Lamination, Sequential Lamination, Buried Vias Copper Plating: Direct Current Plate, Pulse Plate Solder Resist: Liquid Photoimageable, Dry Film Controlled Impedance: Single-Ended, Differential Hole Fill/Via Plug: Conductive, Non-conductive		QUALIFICATION LETTERS: VQE-06-11137 VQE-10-19381 VQE-11-22038

This qualification is based on your MIL-PRF-31032 certification and is subject to the conditions stated below:

1. A listing on the Qualified Manufacturers List (QML) does not guarantee acceptance of the product(s) in any future purchase.
2. QML listing does not constitute a waiver of any requirements of the specification or of the provisions of any contract.
3. Advertising of qualification information is permitted. Permission to use such information for advertising or publicity purposes is granted provided that such publicity or advertising does not state or imply that the product(s) is the only product of that type qualified or that the Department of Defense in any way recommends or endorses the manufacturer's product.
4. The listing applies only to products produced in the plant(s) specified in this letter of notification of qualification and applies to future amendments or revisions of the specification, unless otherwise notified.
5. The listing applies only to materials and manufacturing construction techniques identical to or covered by that (those) qualified. The qualifying activity must be advised in advance of any change to the materials and manufacturing construction techniques. Failure to notify the qualifying activity of any change to the materials and manufacturing construction techniques is cause for removal from the QML.

Differential impedance capabilities are being added to your listings due to these results and additional test results submitted to our office.

Manufacturers are required to inform this office immediately if a failure occurs during Periodic Conformance Inspection (PCI) or Capability Verification Inspection (CVI) testing, if production of this qualification is discontinued, or prior to issuance of a GIDEP Alert and/or Problem Advisory on their QML/QPL products.

Because we are held responsible for the accuracy and currency of this QML, please let us know if your company discontinues production utilizing these materials or processes. If you have any questions, please contact Mr. Bill Werman at bill.werman@dla.mil or at (614) 692-0631.

Sincerely,

/SIGNED/

JOSEPH GEMPERLINE
Chief
Sourcing and Qualifications Division