



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

March 10, 2014

Mr. John Folkerts  
 Johns Hopkins University  
 Applied Physics Laboratory  
 11100 Johns Hopkins Road  
 Laurel, Maryland 20723

Dear Mr. Folkerts:

RE: Notification of Qualification, QPL Product Assurance Level, MIL-P-50884E; FSC 5998;  
 CAGE Code 88898; CN042082, VQ(VQE-14-027724)

Qualification is granted to the QPL product assurance level (Appendix A) of Department of Defense Performance Specification MIL-P-50884E, Amendment 3. The type and base material indicated below shall be listed on Qualified Products List QPL-50884. The effective date of this qualification is March 10, 2014. Plant location: same as above.

| RETENTION REPORTING PERIOD                                       | PRINTED BOARD TYPE AND BASE MATERIAL | QUALIFICATION REFERENCE |
|--|--------------------------------------|-------------------------|
| June 1 <sup>st</sup> through<br>May 31 <sup>st</sup>             | Type 4, Adhesiveless                 | 50884-3976-031017       |
| <i>(Not approved for etchback or foil lamination) Use A only</i> |                                      |                         |

QPL-50884 qualification is limited to HASL surface finishes, sprayed and silk screened LPI solder mask, no etchback (smear removal only), and no foil lamination. The classifications include installation use A only and rework grade R. This information was outlined in the supplemental information sheet to the Form 19W.

A retention report in accordance with paragraph A.4.5.6 of MIL-P-50884E, Amendment 3 shall be submitted to this Center by July 31 of each year or loss of qualification may result. The report shall be based on the reporting period above and shall include data from all product built under the current and previous qualification reference numbers, as applicable. The report must also include the group B and group C raw data along with a completed Form 36W for each qualification reference number listed on QPL-50884. If the manufacturer has no certified production in the reporting period, the manufacturer must indicate this on the completed Form 36W. DLA Land and Maritime-VQE reserves the right to request evidence of the manufacturer's capability to produce QPL printed wiring boards as stipulated by paragraph A.4.5.5 of MIL-P-50884E, Amendment 3.

Manufacturers are required to inform DLA Land and Maritime-VQE within 3 business days if a failure occurs during group B or group C testing, if production of these products is discontinued, or prior to issuance of a GIDEP Alert and/or Problem Advisory on product represented by this qualification. This qualification shall expire 3 years from the effective date cited above, as indicated by the last 6 digits of the qualification reference number (mmddyy). A stop shipment/stop production is effective on the qualification expiration date unless approval is granted by this Office to complete existing contracts. For questions concerning this letter, please contact Mr. Lowell Sherman at (614) 692-0627 or vqe.ls@dla.mil.

Sincerely,

/SIGNED/

JOSEPH GEMPERLINE  
Chief  
Sourcing and Qualifications Division