



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

October 17, 2014

Mr. Don Angulo  
Cirexx International, Inc.  
791 Nuttman Street  
Santa Clara, CA 95054

Dear Mr. Angulo:

RE: Removal of Type 3 and Type 4 Adhesive Construction Qualification, MIL-P(RF)-50884;  
FSC 5998; CAGE Code 4MEG7; CN044562, VQ(VQE-14-028654)

This is an official notification that Cirexx International's QPL-50884 listing for type 3 and type 4 adhesive construction multilayer flex and rigid-flex printed boards has been removed due to thermal shock failures during MIL-PRF-31032 CVI testing for the 2011 through 2013 reporting period. Subsequent failure analysis and corrective actions by the TRB have not resolved these failures. Therefore, the next issue of QPL-50884 will reflect the adjusted qualification listing noted below.

PRINTED BOARD TYPE AND CONSTRUCTION	QUALIFICATION REFERENCE NUMBER
Type 2, Adhesive Construction	50884-31032!

Cirexx International has been notified by this office to cease accepting and processing any MIL-P(RF)-50884 multilayer flex and rigid-flex printed board jobs requiring adhesive flex base materials. Cirexx International must complete corrective actions for the failure and perform new qualification testing in order to be listed on QPL-50884 for type 3 and type 4 adhesive construction. The manufacturer must adhere to all traceability requirements per section A.4.17 of MIL-PRF-31032B amendment 1 for product represented by the removed qualification listing, including documentation, microsections, test specimens and unused coupons. If you have any questions regarding this letter, please contact Mr. Lowell Sherman at 614-692-0627 or [vqe.ls@dla.mil](mailto:vqe.ls@dla.mil).

Sincerely,

/SIGNED/

JOSEPH GEMPERLINE  
Chief  
Sourcing and Qualifications Division