



DEFENSE LOGISTICS AGENCY
DEFENSE SUPPLY CENTER, COLUMBUS
POST OFFICE BOX 3990
COLUMBUS, OH 43218-3990

IN REPLY
REFER TO

DSCC-VQH-05-008270 (Ms. Schneider/614-692-0585/dle)

March 23, 2005

SUBJECT: Hybrid Internal Components with Pure-Tin Terminations, MIL-PRF-38534, FSC 5962

INDUSTRY DISTRIBUTION

Dear Sir or Madam:

Component (e.g., capacitors) manufacturers are supplying products with pure-tin terminations to hybrid manufacturers. DSCC-VQH notified QML-38534 manufacturers about this situation in letter number VQH-04-6430 dated June 2, 2004. Pure-tin termination is prohibited in MIL-PRF-38534 paragraph E.4.2.7.1 because of the tendency for the tin to whisker, which can lead to unintended electrical paths. Each manufacturer must review their product produced since January 1, 1995 to determine if they have shipped any hybrids with pure-tin terminations. Any manufacturer who has shipped hybrids, requiring some degree of compliance to MIL-PRF-38534, which potentially contains pure-tin terminations on internal components, must issue a Government Industry Data Exchange Program (GIDEP) notification. All GIDEPs must first be coordinated with this office prior to distribution.

Several incidences have occurred where QML-38534 products have been shipped with pure-tin terminations on internal capacitors. In order to ensure that this does not occur again, DSCC is following up with each QML-38534 manufacturer. Each hybrid manufacturer must supply their method of preventing their hybrids from containing internal components with pure-tin terminations, and evidence of the method. This should include, as a minimum, passive element procurement documents (specifying the termination), and receiving inspection procedures (verifying the termination) and/or the process procedure used to modify the terminations.

Report the status of all military hybrids produced in the past five years, along with your procurement and receiving inspection practices, to your DSCC-VQH coordinator within thirty days of the date of this letter. Report the status of all military parts produced from 1995 through 1999 within ninety days of the date of this letter.

If you have any questions, please contact Jonnie Schneider at (614) 692-0585.

Sincerely,

/SIGNED/

JOSEPH GEMPERLINE
Chief
Hybrid Devices Team