

The following Vendor Quality Requirements (VQR's) shall apply to ***all Purchase Orders***:

**VQR 1:** Certificate of Conformance is required which contains PO number, part number (and rev, as required), quantity, statement that materials conform to applicable specifications.

**VQR 2:** Packaging - All material shipped to Mil-Aero is to be packaged in containers that will prevent damage during the shipping and receiving process. To prevent damage related to electro-static discharge (ESD), ESD sensitive parts must be packaged using antistatic materials or approved static shielding bag; and, it is preferred that non-ESD sensitive parts be packaged using antistatic materials. Electronic component and hardware packaging should be sealed or closed in such a way to prevent materials from falling out of packaging.

**VQR 3:** Part substitutions are not permissible without approval.

**VQR 4:** New product must be supplied. Repaired, reworked or used material is not acceptable.

**VQR 5:** Supplier shall maintain for a period of at least 7 years all traceability, quality records, and test records applicable to the material provided.

**VQR 6:** Approval must be obtained before sending partial shipments.

**VQR 12 :** Mil-Aero to be notified of any non-conforming product. Mil-Aero to be notified of any changes in supplied product and/or process, changes of suppliers, changes of location and to flow down the supply chain the applicable requirements for the product.

**VQR 17:** MSDS - All products containing hazardous substances must be and have the necessary Material Safety Data Sheet included with the shipment.

The following Vendor Quality Requirements (VQR's) shall apply ***only when specified on individual Purchase Orders***:

**VQR 7:** A dimensional inspection report is required to show measured dimensions meet required dimensions.

**VQR 8:** A test report is required to show actual test results meet required test results.

**VQR 9:** A First Article Inspection report is required. This may apply for the first time product is supplied or due to a revision change that affects form, fit or function.

**VQR 10:** Mil-Aero reserves the right to inspect items at the supplier's facility.

**VQR 11:** Sample to be provided to Mil-Aero for inspection/verification.



**VQR 13:** The Supplier is responsible for implementing and maintaining an acceptable Quality Management System (QMS) such as ISO 9001.

**VQR 14:** Printed Circuit Board Assemblies (PCBA) shall be individually sealed in a static shielding bag to provide electro-static discharge (ESD) protection and then wrapped in anti-static bubble wrap, or individually placed in an anti-static box with foam.

**VQR 15:** Printed circuit board assemblies shall conform to the requirements of IPC-2221 and IPC-2222, Class 2, Level C.  
Acceptance of assemblies shall be per IPC-A-610, Class 2.

Printed circuit boards shall conform to the requirements of IPC-2221 and IPC-2222, Class 2, Level C and shall be manufactured in compliance to IPC-6011 and IPC-6012A, Class 2. Acceptance of boards shall be per IPC-A-600, Class 2.

**VQR 16:** Unless otherwise specified by the P.O. or the Mil-Aero released specifications, IPC/WHMA-A-620, Class 2 applies.