

**REVISION HISTORY**

<u>REV</u>	<u>DATE</u>	<u>ORIGIN</u>	<u>REASON FOR CHANGE(S)</u>
A	4/03/97	Rob Olson	New
B	8/23/00	Scott Ubl	Added cross section for subsequent shipments
C	7/02/01	Scott Ubl	Changed Solder sample requirements
D	7/22/02	Scott Ubl	New format
E	5/04/18	Daniel Crouse	Added PCN language
F	10/30/18	Joyce Conn	Added hyper-corrosion requirement

**Q-CODE Q8 QUALITY REQUIREMENTS**

The following are the quality requirements for product purchased under Q-code Q8. Unless a written waiver is received from Plexus, the supplier agrees to abide by the quality requirements listed below.

**1st Shipment**-The documentation and quality requirements for the 1st shipment are as follows:

- A. First Article Inspection Report - All dimensions must be within print tolerance. Any dimension which is not within print specification must be approved by Plexus in writing before product can be shipped.
- B. Cross-Section (with inspection data) per IPC-6012 section 3.6.2.
- C. Hyper-corrosion – For ENIG boards, process controls shall be implemented as per Plexus PCB specification G9000-3. Results and applicable cross-sections shall be retained by the supplier and provided to Plexus on request.
- D. Contamination Test Report.
- E. PCB for Solderability Sample - Complete and physically intact PCB or Array as supplied for the Part Number. This should be segregated and boldly identified. The box containing the solderability sample must also be identified as such.
- F. 100% Electrical Testing Certificate of Stamp.
- G. Certificate of Compliance.
- H. All cartons, packing slips and C.O.C.'s must have part number, EC level or revision, quantity and P.O. number listed on them.

**Subsequent Shipments** - The documentation and quality requirements for all subsequent shipments will be as follows:

- A. 100% Electrical Testing Certificate or Stamp.
- B. Cross-Section (with inspection data) per IPC-6012 section 3.6.2. (not req'd for PCB's less than 8 layers)
- C. Hyper-corrosion – For ENIG boards, process controls shall be implemented as per Plexus PCB specification G9000-3. Results and applicable cross-sections shall be retained by the supplier and provided to Plexus on request.
- D. A Solderability Sample - as defined in E when a revision is made that effects the physical shape or the outerlayer artwork.
- E. All cartons, packing slips and C.O.C.'s must have a part number, EC level or revision, quantity and P.O. number listed on them.



The above listed documentation must be submitted with each shipment. Any shipment received without this documentation will be considered defective.

### **Product change notification**

Upon acceptance of conforming product, documentation, and the requirements of this Q-code, the supplier's manufacturing process shall be considered "qualified". All changes require written approval from Plexus prior to implementation. Product or Process change notification requests (PCNs) shall be submitted to [pcns@plexus.com](mailto:pcns@plexus.com).