



REVISION HISTORY

<u>REV</u>	<u>DATE</u>	<u>ORIGIN</u>	<u>REASON FOR CHANGE(S)</u>
A	05Apr15	Rachel Perry	New
B	08Mar18	Rachel Perry/Travis Quinn	Update needed for addition of T4 and removal of Q21 requirement as it is not applicable
C	5/04/18	Daniel Crouse	Added PCN language
D	25Jan19	Rachel Perry	Updated Certificate of Analysis to include "or Equivalent".

Q-CODE Q35A QUALITY REQUIREMENTS

For Acceptance of Subcontracted Gold Removal per J-std-001

The following are the quality requirements for product purchased under Q-code Q35A. This product is controlled by the SAE standard, AS9100. With acceptance and shipment against this PO the supplier agrees to meet the requirements of AS9100, unless a written waiver is received from Plexus. This includes but is not limited to;

- o granting the right of access to the supplier's facilities and all applicable records to Plexus, their customer and regulatory authorities
- o the retention of all records that support the manufacturing or materials used for 15 years unless otherwise specified in the purchasing specifications
- o the flow down all applicable requirements to sub-tier suppliers including key characteristics and retention of all records that support the manufacturing or material used per the requirements of AS9100.

ALL Shipments – The documentation and quality requirements for all shipments will be as follows:

- Certificate of Compliance – the Certificate of Compliance (COC) must be titled as such and shall include a statement declaring that the manufactured/materials item has been made to the appropriate customer specification requirements per J-STD-001. The COC shall contain the following minimum information:
 - Plexus Part Number
 - Plexus PO Number and Quantity
 - Original Component Manufacturer Name, Part Number, and Date Code(s)
 - Certification to the requirements of this Quality Code and revision level
- Certificate of Analysis – or Equivalent which shall include a statement declaring that the manufactured/materials item has been tested to the appropriate specification requirements and the following minimum information:
 - Name of Manufacturer
 - Manufacturer's Item Number
 - Batch or Lot Number
 - Manufacture Date
 - Expiration Date*
 - Product Properties and Analysis Results

Notice: This document is considered "UNCONTROLLED" when it exists in any printed form. Refer to the Partner Portals / Suppliers / Quality Requirements (Q-codes) links on the Plexus website for the current master of this Q-code.

<http://www.plexus.com>

*The remaining shelf life of the material must be greater than 50% of the stated shelf life.

See **page 2** for additional requirements

C. The following requirements shall be followed if applicable to the order and certified on the COC:

- All parts must be baked 48 hours at 125°C regardless of component manufacturer's MSD level.
- Solder tinning material is defined by PO Item Number prefix: 'T1' for Sn63/Pb37 (eutectic), 'T2' for Sn96.5/Ag3.5 (Pb-free), 'T3' for Sn5.0/Pb93.5/Ag1.5 (high-melting point) and 'T4' for Sn96.5Ag3Cu0.5.
- Manufacturer part numbers shall not be mixed in final component packaging.
- Manufacturer date codes / lot codes cannot be mixed in final component packaging.
- Original component manufacturer labels shall be returned with the completed parts affixed to the moisture-barrier bag.
- All MSD level 1, 2, and 3 parts shall be processed and marked as MSD level 3 per J-STD-033. Parts with MSD levels greater than 3 shall be processed and marked per their specified level.
- Pin 1 orientation in carrier tape per component manufacturer tape-and-reel specification. Packaging medium specified by last character of PO Item Description: 'R' for T&R, and 'W' for tray. Absence of either of these codes implies that parts be returned in their original packaging.

D. All cartons, required documentation, labels, and packaging and packing slips must have the Plexus part number, EC level or revision (if applicable), date code(s), quantity, and P.O. number listed on them.

The above listed required documentation must be submitted with each shipment. Shipments received without the completion and proper execution of these Quality Requirements is considered non-conforming and Plexus reserves the right to return to the supplier at the supplier's expense.

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.