



REVISION HISTORY

REV	DATE	ORIGIN	REASON FOR CHANGE(S)
A	02/15/201	Bert Mathews	New
B	02/23/201	Bert Mathews	Added "Original Component" and modified "date/lot codes shall not be mixed" required to preferred.
C	16Apr18	Rachel Perry/Travis Quinn	Update needed for addition of T4- and removal of Q21 requirement as it is not applicable
D	5/04/18	Daniel Crouse	Added PCN language

Q-CODE Q35 QUALITY REQUIREMENTS

For Acceptance of Subcontracted Solder-Tinned Parts

The following are the quality requirements for product purchased under Q-code Q35. Unless a written waiver is received from Plexus, the supplier agrees to abide by the quality requirements listed below.

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

- A. Certificate of Compliance – the Certificate of Compliance (COC) must be titled as such and shall include a statement declaring that the manufactured 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 tinning process requirements identified below.

- B. 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 preferred not to 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.

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>



Quality Code Q35

- C. 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.