



Q-CODE Q35D QUALITY REQUIREMENTS

For Acceptance of Subcontracted Gold Removal per and tinning per IPC J-STD-001 Class 3

The following are the quality requirements for product purchased under Q-code Q35D. 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;

- Granting the right of access to the supplier's facilities and all applicable records to Plexus, their customer and regulatory authorities
- The retention of all records that support the manufacturing or materials used for 15 years unless otherwise specified in the purchasing specifications
- 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.

In addition, Shipments and handling of Export Controlled Items, Data, or Services - Supplier will be required to meet the documentation and quality requirements as follows:

The Supplier agrees to comply with The Arms Export Control Act, 22 U.S.C 2751-2794, the International Traffic in Arms Regulation (ITAR), 22 C. F. R. 120 - 130, the Export Administration Act, 50 U.S.C. app 2401- 2420, and the Export Administration Regulations, 15 C.F.R. 730-774 for this product, all specifications, and associated documentation. This includes, but is not limited to:

- Export controlled items, data, or services, or any element thereof, will not be exported from the United States without U.S. Government authority and the express written authorization of a Plexus ITAR Empowered Official.
- Export controlled items, data, or any element thereof, will not be transferred or disclosed to foreign persons including transfer to foreign persons employed by or associated with, under contract to Sub-tier suppliers including transportation carriers.
- Import Licenses will be provided with all shipments where applicable.

ALL SHIPMENTS - THE DOCUMENTATION AND QUALITY REQUIREMENTS AS LISTED BELOW ARE REQUIRED WITH EACH SHIPMENT

- A. 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
- B. 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

*The remaining shelf life of the material must be greater than 80% of the stated shelf life. C.

- 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.
- Tin Plated Devices shall be dipped in accordance with GEIA-STD-0006, and inspected per GEIA-STD-0006, Test Method 100.
- Manufacturer part numbers shall not be mixed in final component packaging.
- Manufacturer date codes / lot codes shall not be mixed in final component packaging.
- Original component manufacturer labels shall be returned with the completed parts affixed to the moisture-barrier bag.
- Parts shall be handled, baked (if required) following tinning, and packaged before delivery per the requirements of JEDEC J-STD-033
- 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

Product or Process change notification requests (PCNs) shall be submitted to pcns@plexus.com, please reference the details of our PCN policy and requirements in the Plexus Supplier Quality Manual [DCS 10503](#).

REVISION HISTORY

REV	RELEASE DATE	ORIGINATOR	DESCRIPTION OF CHANGE(S)	REASON FOR CHANGE(S)
A	09Sept 2023	Jorge Irizarry	New - Initial Release	Specific class 3 tinning requirements along with GEIA -STD 0006