



Q-CODE Q40F QUALITY REQUIREMENTS

The following are the quality requirements for product purchased under Q-code Q40F. Please reference the Plexus Supplier Quality Manual [DCS 10503](#) for additional details and purchasing requirements. Unless a written waiver is received from Plexus, the supplier agrees to abide by the quality requirements listed below which is suggested by the Automotive Action group PPAP level 4 guidelines.

PRE 1ST SHIPMENT - BEFORE A PRODUCT WILL BE RELEASED FOR PRODUCTION THE SUPPLIER WILL BE REQUIRED TO RETAIN, IF NOT MARKED AS MUST BE SUBMITTED THE DOCUMENTATION AND QUALITY REQUIREMENTS AS FOLLOWS: FOUNDATIONAL REQUIREMENTS FOR ANY PARTS READY TO BE SHIPPED

- A. Design Record (MUST BE SUBMITTED) - Printed copies of drawings and bubbled drawings for proprietary components & all other components.
- B. Engineering Change Documents, if any (MUST BE SUBMITTED)
- C. Customer Engineering Approval, if required (MUST BE SUBMITTED)
- D. Process Flow Diagrams (MUST BE SUBMITTED)
- E. Process FMEA (Process Risk Reaction Plan)
- F. Control Plan (Quality Plan) (MUST BE SUBMITTED)
- G. Measurement System Analysis Studies
- H. Dimensional Results (MUST BE SUBMITTED) - Every dimension of bubbled drawings
- I. Material Certification (MUST BE SUBMITTED) - At a minimum the material certification must include a statement declaring that the items are manufactured from the material specified. This may be included with the certificate of compliance.
- J. Initial Process Studies - Process capability studies done for CTF dimension(s) / test (s) during PPAP part production. If quantity ordered is less than 30, 100% of CTF dimension(s) / test (s) for quantity ordered needs to be submitted.
- K. Qualified Laboratory Documentation
- L. Appearances Approval Report (AAR), if applicable
- M. Sample Product
- N. Master Sample
- O. Checking Aids
- P. Certificate of Compliance (MUST BE SUBMITTED) - Must include a statement of overall compliance to all the applicable specifications (statement is not required to list, but shall cover all the applicable specifications such as; drawing, PO, customer specifications, Plexus G9000-3, IPC specification, etc). It also must include the following information for traceability:
 - Name of Supplier (if different than the actual Manufacturer/OEM/OCM)
 - Plexus part number ordered on the Plexus PO
 - EC level or Revision level as specified on the Plexus PO for the Plexus part number ordered
 - Quantity Shipped
 - Plexus PO number
 - Name of Manufacturer
 - Manufacturer's Part Number
 - The Lot number or Date Code (Each shipment, COC and packing slip must contain only one lot or date code)
 - Location or place of manufacture
 - If the product has a shelf life, the manufacturer or cure date, batch number, the shelf life and expiration date must be included (note: the remaining shelf life must be greater than 50% of the stated shelf life). Any special handling and/or storage requirements must also be included
 - Certifying Signature, title, and date



- Q. Part Submission Warrant (PSW) (MUST BE SUBMITTED)
- R. All cartons, required documentation, labels, 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.

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

- A. Material Certification - same requirements as above
- B. Certification of Compliance - same requirements as above
- C. All cartons, required documentation, labels, 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	27 Mar 2020	Rob Lange	New - Initial Release	Needed to specify special submittal levels