



“Q” Clause

Purchase Order Attachment

Rancho Santa Margarita, CA 92688

Page 1 of 2

NUMBER: QGen	REV: G	TITLE: Quality Assurance General Notes	
DOCUMENT OWNER: QUALITY MANAGER			
PREPARED BY: Will Distler	SIGNATURE: Will Distler	DATE: 04/11/2019	DEPT: Quality
APPROVED BY: Andrew Lawrence	SIGNATURE: Andrew Lawrence	DATE: 04/11/2019	DEPT: Quality

1. All formal correspondence between the supplier and Palomar Products, Inc. (PPI) shall be made, in writing, to the PPI Buyer listed on the face page of the Purchase Order. Any direction from PPI to the supplier must come from the assigned Buyer, in writing, to be valid. The supplier accepts, at his own risk, direction from any other PPI personnel.
2. Items supplied against this purchase order shall be produced in a careful and workmanlike manner and shall be identical to all others of the same part number and free from defects that affect life, serviceability or appearance. Particular care and attention shall be given to the completeness and permanence of markings, the removal of burrs and sharp edges, and the uniformity of coatings, anodizing, plating and paint. In addition, the supplier shall document all work performed and shall make such documentation available to PPI upon request. The existence of such defects or the lack of such documentation shall be adequate cause for rejection of the items by Palomar Products.
3. If items supplied have Palomar Products funded “*minimum buy*” items included (i.e., special fasteners or hardware), residual items from the minimum buy shall be shipped to PPI with the final shipment against the purchase order.
4. Containers and boxes shipped to Palomar shall have the PO, PO line item, part number and quantity marked conspicuously on the outside of the container to facilitate receiving. Only one part number shall be placed in each container.

The following notes clarify drawing, specification and Purchase Order requirements:

5. Items that are source inspected by PPI in accordance with Purchase Order Attachment Q1 are provisionally accepted at the supplier’s facility. Final acceptance shall be at PPI’s facility at the conclusion of required assembly, inspection and testing. The supplier may invoice PPI at the successful conclusion of source inspection.
6. Item marking shall be legible and permanent (unaffected by isopropyl alcohol). When specification HP 8-5 (available from PPI) is stipulated, the supplier may substitute MIL-STD-130 marking.

PALOMAR		“Q” Clause		Purchase Order Attachment	
Rancho Santa Margarita, CA 92688				Page 2 of 2	
NUMBER: QGen	REV: G	TITLE: Quality Assurance General Notes			
DOCUMENT OWNER: QUALITY MANAGER					
PREPARED BY: Will Distler		SIGNATURE: Will Distler		DATE: 04/11/2019	DEPT: Quality
APPROVED BY: Andrew Lawrence		SIGNATURE: Andrew Lawrence		DATE: 04/11/2019	DEPT: Quality

7. MIL-C-5541 chromate conversion coating shall be colored **yellow**, unless “clear” is specified on the PPI detailed engineering drawing.
8. When specified on engineering drawings, bonding of components shall be performed in accordance with DP70402-613 (available from PPI) using material in accordance with MIL-PRF-8516 (available @ <http://assist.daps.dla.mil/quicksearch/>).

This material is available in two forms:

- a. premixed, frozen (requiring - 40° F storage), degassed kit and
- b. a two component kit.

Kits are available from:

- (1) **Poly Freeze Inc, Lake Forest, CA.**
 - (2) **Flamemaster Corporation, Pacoima, CA**
 - (3) **Royal Adhesives & Sealants, Wilmington, CA.**
8. Unless received in heat sealed, water-vaporproof bags with desiccant and humidity indicator, PWB's shall be cleaned and demoisturized within 8 hours prior to their initial exposure to soldering temperatures. The PWB's may be stored for longer periods of time in a controlled moisture-free atmosphere. Demoisturizing may be accomplished by an oven bake at 93 ° C (200 ° F) ± 5.5 ° C (± 10° F) for a minimum of 4 hours for a printed wiring assembly (PWA) or 2 hours for a bare PWB, or by a vacuum bake at a lower temperature. The time in and out of the oven or chamber shall be recorded.
 9. Copper or other plating exposed on PWBs may be covered with liquid soldermask.

Typed signatures constitute approval. Actual signatures on file at Palomar Products, Inc., Rancho Santa Margarita, CA

Palomar Products, Incorporated™, All Rights Reserved