



Palomar Products

Rancho Santa Margarita, CA 92688

“Q” Clause

Purchase Order Attachment

NUMBER: QGen	REV: F	TITLE: Quality Assurance General Notes
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DOCUMENT OWNER: QUALITY MANAGER

PREPARED BY: Jim Christman	SIGNATURE: Jim Christman	DATE: 01/31/2017	DEPT: Quality
APPROVED BY: Perri Baker	SIGNATURE: Perri Baker	DATE: 01/31/2017	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.

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



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- 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 demosturized 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. Demosturizing 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.

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