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|----------------------------------|------------------|---|--|----------------------------------|---------------|
| <b>PALOMAR</b>                   |                  | <b>“Q” Clause</b>   |  | <b>Purchase Order Attachment</b> |               |
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| NUMBER:<br><b>I3</b>             | REV:<br><b>B</b> | TITLE:<br><b>Box Packaging Requirements for Protection of Electrostatic Sensitive Devices</b> |  |                                  |               |
| DOCUMENT OWNER: QUALITY MANAGER  |                  |   |  |                                  |               |
| PREPARED BY: Will Distler        |                  | SIGNATURE: Will Distler   |  | DATE:<br>04/11/2019              | DEPT: Quality |
| APPROVED BY: Andrew Lawrence     |                  | SIGNATURE: Andrew Lawrence  |  | DATE:<br>04/11/2019              | DEPT: Quality |

Packaging of electrostatic sensitive devices shall conform to the following requirements:

- Protection shall be provided to prevent physical damage and to maintain position of leads or terminals during handling and transportation. Material used for this protection shall be non-corrosive and provide protection against generation of static electricity. At the supplier’s option, conductive shunting foam, bars or clips may be applied on electrical connectors to short all connector pins and the connector shell together.
- All electrostatic sensitive devices shall be contained in individual antistatic or conductive foam padded sleeves or boxes.
- Shipping containers shall then be enclosed in an ESD protective material conforming to MIL-B-81705, Type 1. This is to provide protection from electrostatic sources of at least 4,000 volts in the form of field induction or direct discharge.
- Any packing dunnage shall be of the antistatic variety.
- Both internal and external packaging containers shall be marked with a caution label as shown below or an appropriate equivalent.



**Note: Failure to comply with these packaging requirements will result in rejection of the entire lot of devices at Receiving Inspection.**

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

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