

P-1512A-03 STATIC SENSITIVE PACKAGING

IN: 8-3-95

GENERAL REQUIREMENTS:

A. THE PRESERVATION, PACKAGING AND PACKING OF SUPPLIES AND EQUIPMENT FOR SHIPMENT SHALL BE IN ACCORDANCE WITH ASTM DESIGNATION D3951-82; STANDARD PRACTICE FOR COMMERCIAL PACKAGING.

B. SUPPLIERS ARE ENCOURAGED TO USE ADVANCED PACKAGING TECHNOLOGY AND INNOVATIVE METHODS OR MATERIALS FOR THE PURPOSE OF EFFECTING PACKAGING ECONOMIES. THE USE OF FOAM PACKAGING MATERIALS WHICH UTILIZE CHLOROFLUOROCARBONS (CFCs) IS DISCOURAGED DUE TO ENVIRONMENTAL IMPACT CONCERNS.

C. PACKAGING, PACKING AND MARKING OF HAZARDOUS AND MAGNETIZED MATERIALS SHALL COMPLY WITH APPLICABLE REGULATIONS OF THE DEPARTMENT OF TRANSPORTATION.

D. WHEN PRESERVATION, PACKAGING, OR MARKING REQUIREMENTS ARE DETAILED ON PARTS DRAWINGS OR PROCUREMENT SPECIFICATIONS, THEY SHALL TAKE PRECEDENCE OVER THE REQUIREMENTS OF THIS ATTACHMENT.

E. REGARDLESS OF THE METHOD USED, THE LEADS OF ALL ELECTRONIC COMPONENTS SHALL BE MAINTAINED IN THE NATURAL STRAIGHT OR, IF REQUIRED, PREFORMED CONDITION.

F. CUSHIONING SHALL BE OF NONSTATIC GENERATING, NONCORROSIVE AND NONSHEDDING MATERIAL. SHREDDED PAPER IS NOT ALLOWED

G. ALL UNIT CONTAINERS SHALL BE OF NONSTATIC GENERATING, STATIC DISSIPATIVE, CONDUCTIVE, OR STATIC SHIELDING MATERIAL AND SHALL BE OF SUFFICIENT QUALITY AND STRENGTH TO INSURE SAFE ARRIVAL OF PARTS.

H. IF THE UNIT CONTAINER IS NOT A CONDUCTIVE, OR STATIC SHIELDING BAG, OR BOX, IT MUST BE PACKED INTO A CONDUCTIVE OR STATIC SHIELDING BAG OR BOX.

I. **MARKING:** EACH UNIT CONTAINER MUST BE MARKED WITH RAYTHEON PART NUMBER, QUANTITY AND LOT NUMBER (IF APPLICABLE). PLACE A MIL-STD-129 SENSITIVE ELECTRONIC DEVICE CAUTION LABEL, OR EQUIVALENT, ON UNIT, INTERMEDIATE AND SHIPPING CONTAINERS.

J. IF REQUIRED, PALLETIZE WITH ANY STANDARD PALLET SUCH THAT A STABLE, UNITIZED, AND STACKABLE LOAD IS CREATED. FIBREBOARD (CARDBOARD) PALLETS WITH PLASTIC CUP FEET ARE NOT ALLOWED.

PACKAGING METHODS:

USE ONE OF THE FOLLOWING, OR A COMBINATION OF THE FOLLOWING METHODS:

1. IF NOT HARMFUL TO LEADS, INSERT PART, OR PARTS INTO UNIT BAG, BOX, OR VIAL. IF NECESSARY, PROTECT ALL CRITICAL PORTIONS OF THE PART, SUCH AS LEADS, TERMINALS, SHAFTS, ETC., FROM ANY LOAD WITH SUITABLE INSERTS, COLLARS, SLEEVES, COVERS OR CAPS MADE FROM NON-STATIC GENERATING MATERIAL.

2. PLACE PART, OR PARTS INTO, AN ANTISTATIC BOX WITH CONDUCTIVE FOAM, OR A CONDUCTIVE BOX WITH ANTISTATIC FOAM, WITH LEADS INSERTED INTO THE FOAM. CLOSE THE BOX LID, BY LATCHING OR TAPING, WITH A SLIGHT COMPRESSION. LEADLESS PARTS SHALL BE PACKAGED TO RESTRICT MOVEMENT. THE PARTS SHALL NOT CONTACT EACH OTHER.

3. FILL STATIC DISSIPATIVE, CONDUCTIVE, OR STATIC SHIELDING STICK PACK TO CAPACITY WITH DUAL IN-LINE PACKAGES (DIP'S) OR OTHER COMPONENTS. THE #1 PIN OF ALL DIP'S SHALL BE ORIENTED IN THE SAME DIRECTION. ANTISTATIC OR CONDUCTIVE RESTRICTIVE DEVICES SHALL BE INSERTED IN EACH END OF THE STICK PACK. IF LESS THAN A FULL STICK PACK IS REQUIRED, A RESTRICTIVE DEVICE SHALL BE USED TO PREVENT MOVEMENT.

4. FILL STATIC DISSIPATIVE, CONDUCTIVE, OR STATIC SHIELDING SLIDE PACK WITH PARTS TO CAPACITY. A PIN OR PLUG SHALL BE INSERTED IN EACH END OF THE SLIDE PACK. IF LESS THAN A FULL SLIDE PACK IS REQUIRED, A SUITABLE PIN, PLUG OR RESTRICTIVE DEVICE SHALL BE USED TO RESTRICT MOVEMENT OF THE PARTS.

5. PLACE PARTS IN ANTISTATIC, CONDUCTIVE, OR STATIC SHIELDING MOLDED TRAYS THAT HAVE LIDS THAT RESTRICT MOVEMENT OF THE PARTS.

6. FOR MICRO CHIPS REQUIRING WAFFLE PACKS REFER TO RAYTHEON PACKAGING REQUIREMENT; P-1573A-00, OR P-1573B-00

7. FOR AXIALLY LEADED COMPONENTS REQUIRING REELING REFER TO RAYTHEON PACKAGING REQUIREMENT; P-5503A-00

8. FOR LEADLESS CHIP COMPONENTS REQUIRING REELING REFER TO RAYTHEON PACKAGING REQUIREMENT; P-5510A-02

THIS ATTACHMENT, WITH ITS TERMS AND CONDITIONS, IS AN INTEGRAL PART OF THIS PURCHASE ORDER.