
SPECIAL CARRIER PACKAGE FOR 40 – 60 LEAD FLAT PACK SUBSTRATES ASSEMBLIES

1.0 SCOPE

This standard provides for the individual packaging of 40– or 60–lead substrate assemblies (flat–packs) in a special carrier to facilitate automated handling and testing.

2.0 REFERENCES

2.1 Lockheed Packaging Standard LPS 40–001

3.0 REQUIREMENTS

3.1 GENERAL

3.1.1 The quantity per unit package shall be one (1) each.

3.1.2 Substrate assemblies shall be properly oriented in each carrier. The No. 1 lead shall coincide with the correct slot on the carrier. (See Figure 1).

CAUTION

3.4.4 Enclose or attach a copy of packaging slip to the shipping container.

3.5 MARKING

3.5.1 Unit Package Marking – Two levels of marking are required as follows:

3.5.1.1 When the carrier is used as a unit package for incomplete parts, such as substrates, only the part number, supplier's serial number and lot number are required. Location of the marking will be in accordance with the contracting document.

3.5.1.2 When the carrier is used for finished parts, part marking will be per the drawing, and shall be located so that it appears in open areas of the carrier clip.

3.5.2 Intermediate Package Marking – Label or mark each intermediate package to show at least the part number per contracting document, quantity and supplier identity. Packages containing tarnish inhibitor shall be marked/labeled: "Protected with Tarnish Inhibitor – Do Not Open Until Ready for Use or Inspection." Additional markings may be specified in the item detail specification or drawing.

3.5.3 Shipping Container Marking Label or mark each container to show part number per contracting document, the LMSC contracting document number, supplier, destination and quantity of parts.

3.5.4 Special, precautionary and handling markings shall be applied as required, e.g., "Contents Sensitive to Electrostatic Damage."

4.0 QUALITY ASSURANCE

4.1 Packaging shall be accomplished in such a manner as to prevent physical damage to, or degradation of, the packaged items during delivery to the using activity. It shall be the prerogative of LMSC to return damaged items, at supplier's expense, when such damage is attributable to improper or inadequate protection.

5.0 5.0 NOTES

5.1 The following information is a guide or aid to suppliers in meeting the requirements of this specification:

5.2 Carriers are normally reusable/recyclable.

5.3 This standard provides minimum protection of devices specified in the procurement document, during shipment from supplier to LMSC to facilitate automated test/inspection functions. Unless otherwise specified, when a conflict exists between the packaging provisions of this standard and a detail item specification/drawing referenced in a contractual document, the packaging requirements imposing a higher level of protection (long

