

FED. SUPPLY CLASS

PACK

1.0 SCOPE: This standard provides a method for the packaging, of multiple—lead electronic devices having five or more leads in various case configurations (e.g. flat, cylindrical, and plug-in types).

2.0 REFERENCES

2.1 NAS 850, General Packaging Standard

2.2 NAS853, Field Force, Protection from

3.0 REQUIREMENTS

3.1 General

- 3.1.1 Requirements of General Packaging Standard NAS850 are a part of this standard except as noted herein.
- 3.1.2 Leads may be used for positioning, but must not be subjected to loads or stresses that can damage them or their entry seals. Specific lead straightness requirements shall be indicated on the procurement document.
- 3.1.3 All packaging materials in intimate contact with the item shall be non-dusting, chemically neutral and shall be as clean and as dry as practicable.
- 3.1.4 Requirements of Field Force, Protection for Standard NAS853 are part of this standard except as noted herein. Items which may be damaged by Field Forces (electromagnetic, electrostatic effects), in a non-operating environment, shall be provided with an appropriate protection by the individual package or through a lead shorting device applied to the item.
- 3.1.5 Tape or other sealing material when used shall not contact either the items or their leads.
- 3.1.6 Orientation of Items: All items shall be uniformly oriented within the unit packages so that distinctive markings are aligned.
- 3.1.7 Visual Inspection: The unit package design shall permit visual inspection of item markings without requiring removal of the item.
- 3.1.8 Removal and Replacement Capability: Unit package shall be designed to permit safe and easy removal and replacement of the item without bending of leads, damage of the unit package or contents. Design shall allow replacement without addition of any adhesives, tapes, devices, or use of equipment.

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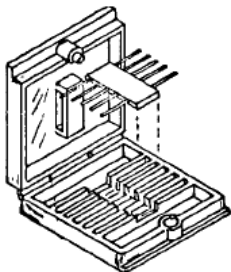
ISSUE DATE: AUGUST 1966 REVISION DATE: JANUARY 31, 2013

THIRD ANGLE PROJECTION	CUSTODIAN ENGINEERING MANAGEMENT COMMITTEE	REVISION 2
PROCUREMENT SPECIFICATION NONE	TITLE MULTIPLE LEAD DEVICES, INDIVIDUAL PACKAGING OF	CLASSIFICATION PACKAGING STANDARD NAS3427 SHEET 1 OF 2

FED. SUPPLY CLASS

PACK

3.2 Unit Packaging



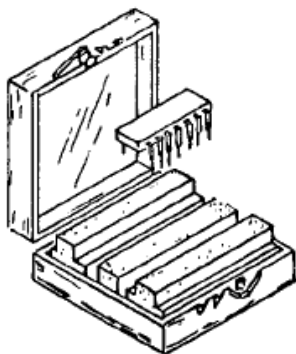
3.2.1 The quantity per unit package shall be as follows, unless otherwise specified by the procurement document:

(One (1) each)

3.2.2 Unit package shall consist of individual dust-proof boxes, carriers, trays or similar devices, with specially designed recesses or cavities to support the item without damage and prevent the item from falling out should the package be inverted. The package shall be designed with separate grooves or cavities to accept individual leads, maintaining them in accordance with paragraph 3.1.2.

3.2.2.1 In addition to removal and replacement capability, (paragraph 3.1.8), each unit package shall be capable of closure assuring retention of the item. Closure shall be by friction locks, slides, or other suitable means.

3.2.3 Multiple Packages. Unit packages may be designed as part of a "multiple package," embodying individual item "breakaway" or "cutaway" features to facilitate unit or partial issue. Multiple packages shall provide protection for the item equivalent to that afforded the individual package.

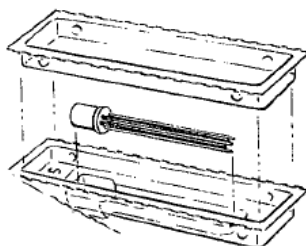


3.3 Intermediate Packaging

3.3.1 Intermediate packaging shall be in accordance with applicable requirements of NAS850.

3.4 Packing

3.4.1 Exterior packing shall be in accordance with applicable requirements of NAS850.



3.5 Marking

3.5.1 Unit, intermediate, and exterior containers shall be marked in accordance with applicable requirements of NAS850.

3.5.2 When required, special markings such as identification numbers, traceability codes, etc., shall be applied in accordance with the procurement document.

4.0 QUALITY ASSURANCE

4.1 Packages which do not conform to these requirements are subject to rejection and return to supplier at his expense.

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REVISION

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