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EIA STANDARD

EIA-296-F

Lead Taping of Components in Axial Lead Configuration for Automatic Handling

EIA-296-F

March 2015



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(From Standards Proposal No. 4518, formulated under the cognizance of the National Standards Committee for Automated Component Handling and reaffirmed under Standards Project Number 5319).

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LEAD TAPING OF COMPONENTS IN AXIAL LEAD CONFIGURATION FOR AUTOMATIC HANDLING

(From Project No. 4518, formulated under the cognizance of the EIA Automated Component Handling (ACH) Committee)

1.0 PURPOSE

1.1 This Standard is formulated to provide dimensions and tolerances necessary to tape axial leaded components after manufacture so that they can be automatically handled. Axial leaded components are leaded components with the lead egress concentric with the longitudinal axis centerline of the component body.

2.0 SCOPE

2.1 This Standard includes the lead taping requirements for components having axial configured leads, provided these components may be taped in accordance with the requirements of this document.

3.0 APPLICABLE DOCUMENTS

The following documents form a part of this standard to the extent specified herein:

- a) EIA-383 "Preparation for Delivery of Electrical and Electronic Components"
- b) EIA-541 "Packaging Material Standards for ESD Sensitive Items"
- c) EIA-556 "Outer Shipping Container Bar Code Label Standard"
- d) EIA-624 "Product Package Bar Code Label Standard for Non-Retail Applications"

4.0 GENERAL REQUIREMENTS

4.1 Lead taping requirements are defined in Figure 1; Table 1 and associated paragraphs 5.1 through 5.10.

4.2 Reeling and optional fan fold packaging of taped axial leaded components are defined in Figure 2, Table 2 and associated paragraphs 6.1 through 6.4.

4.3 Dimensions contained in this Standard are expressed in metric terms with English equivalents. Metric dimensions shall govern.