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EIA STANDARD

EIA-468-C

Lead Taping of Components in the Radial Configuration for Automatic Handling

EIA-468-C

(Revision of EIA-468-B)

October 2013



Electronic Components Industry Association

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(From Standards Proposal No. 5397, formulated under the cognizance of the Automated Component Handling Committee).

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Lead Taping of Components in the Radial Configuration for Automatic Handling

CONTENTS

SECTIONS	PAGE
1. INTRODUCTION AND SCOPE	1
2. NORMATIVE REFERENCES	1
3. DIMENSIONS	1
4. REQUIREMENTS	5
5. ACKNOWLEDGEMENTS	9

FIGURES AND TABLES

FIGURE 1	Coordinate System	1
FIGURE 2	Lead Taping Dimensions	2
FIGURE 3	Component Pitch	4
FIGURE 4	Reference Plane	5
FIGURE 5	Reel Configuration	7
FIGURE 6	Fan Fold Box Configuration	7
FIGURE 7	Reel Label Location	8
FIGURE 8	Fan Fold Box Label and Marking Locations	8
TABLE 1	Lead Taping Dimensions	3
TABLE 2	Component Pitch	4
TABLE 3	Reel Dimensions	7
TABLE 4	Fan Fold Box Dimensions	7

LEAD TAPING OF COMPONENTS IN THE RADIAL CONFIGURATION FOR AUTOMATIC HANDLING

*Revision of EIA Standard 468-B, formulated under the cognizance of the
EIA Automated Component Handling (ACH) Committee*

1. INTRODUCTION AND SCOPE

This standard was formulated to provide dimensions and tolerances necessary to lead tape components in the radial format (unidirectional leads) such that they may be automatically handled. Automatic handling includes insertion, preforming and other operations. The emphasis of this standard is on the requirements for high-speed automatic insertion. This standard covers the lead taping requirements for components having two or more radial configured leads, provided these components may be taped in accordance with the requirements of this document.

2. NORMATIVE REFERENCES

The following standards contain provisions which, through reference in this Standard, constitute provisions of this Standard. All normative documents are subject to revision.

2.1 ANSI/ESD S541-2003 "Packaging Materials for ESD Sensitive Items"

2.2 ANSI/ESD S20.20-2007 "Protection of Electrical and Electronic Parts, Assemblies and Equipment"

2.3 IPC/JEDEC J-STD-020C "Moisture/Reflow Sensitivity Classification for Nonhermetic Solid State Surface Mount Devices"

2.4 IPC J-STD-033B "Handling, Packing, Shipping and Use of Moisture/Reflow Sensitive Surface Mount Devices"

2.5 BS EN ISO 14001:2004 Environmental Management

3. DIMENSIONS

3.1 The coordinate system common to tapes and taped components with radial configured leads shall be used. The abscissa is a straight line through the centers of the sprocket holes. The ordinate is a line perpendicular to the abscissa through the center of the sprocket hole that follows the component to be checked. All dimensions referencing the component leads are to the centerline of the lead.

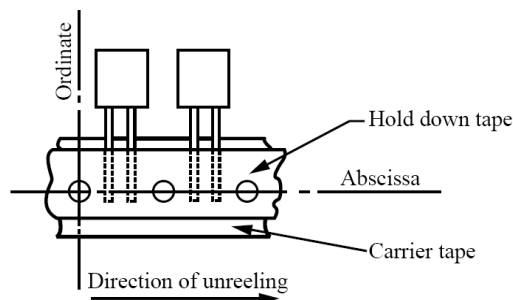


Figure 1: Coordinate System