



EIA STANDARD

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EIA-971

4 mm Embossed Carrier Taping of Micro-Sized Surface Mount Components for Automatic Handling

EIA-971

April 2014



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(From Standards Proposal No. 5237, formulated under the cognizance of the Committee on EIA National Automatic Component Handling Standards).

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4 mm EMBOSSED CARRIER TAPING OF MICRO-SIZED SURFACE MOUNT COMPONENTS FOR AUTOMATIC HANDLING

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4 mm EMBOSSED CARRIER TAPING OF MICRO-SIZED SURFACE MOUNT COMPONENTS FOR AUTOMATIC HANDLING

Adopted from IEC 60286-3 for Type 2B embossed carrier tapes. (From Standards Proposal Number 5237, formulated under the cognizance of the EIA Automated Component Handling Committee (ACH).)

1 Scope

This Standard covers requirements for taping micro-sized surface mount components onto embossed carrier tape 4 mm wide and with 1 mm pocket pitch.

2 Introduction

This Standard was formulated to provide dimensions and tolerances necessary to tape micro-sized surface mount components such that they may be automatically handled.

3 Applicable Documents

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

EIA-383 "Preparation for the Delivery of Electrical and Electronic Components"

EIA-481 "8 mm Through 200 mm Embossed Carrier Taping and 8 mm & 12 mm Punched Carrier Taping of Surface Mount Components for Automatic Handling"

ANSI/ESD S541 "Packaging Material Standards for ESD Sensitive Items"

EIA-556 "Electronic Industries Association Outer Shipping Container Bar Code Label Standard"

EIA-583 "Packaging Material Standards for Moisture Sensitive Items"

EIA-624 "Product Package Bar Code Label Standard for Non-Retail Applications"

JEP95 "JEDEC Registered and Standard Outlines for Solid State and Related Products"

IPC 7351 "Generic Requirements for Surface Mount Design and Land Pattern Standard"

4 Requirements

4.1 Carrier tapes, cover tapes, reels, and taped components must meet the requirements defined in the Figures and Tables presented herein.

4.2 Procurement documents and quotation requests shall include the following information: