



# TECHNICAL REPORT



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## Packaging of components for automatic handling – Part 3-3: Packaging of surface mount components on continuous paper tapes for Auto Loading Feeder

INTERNATIONAL  
ELECTROTECHNICAL  
COMMISSION

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ICS 31.020; 31.240

ISBN 978-2-8322-1041-3

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## CONTENTS

FOREWORD.....	4
INTRODUCTION.....	6
1 Scope.....	7
2 Normative references .....	7
3 Terms, definitions and symbols.....	7
3.1 Terms and definitions.....	7
3.2 Symbols.....	8
4 Requirements and required dimensions for paper taping for Auto Loading Feeder .....	8
4.1 General.....	8
4.2 Required dimensions for the cover tape sealed positions .....	9
4.3 Required dimensions for the distance between the upper side of the carrier tape and the top surface of a component .....	9
4.4 Required specifications for the sealing method for the cover tape .....	10
4.5 Requirements about fluff generated at removal of cover tape .....	10
4.6 Required specifications for the maximum trailer length.....	10
Annex A (informative) Overview and features of Auto Loading Feeder .....	11
Annex B (informative) Methods and mechanisms of automatically exposing the pockets in using Auto Loading Feeder .....	12
B.1 General.....	12
B.2 Single-door method.....	12
B.3 Double-door method .....	12
Annex C (informative) Discussion for paper taping for Auto Loading Feeder .....	14
C.1 General.....	14
C.2 Discussion items.....	14
C.2.1 Necessity of $M_1$ and $M_2$ as the cover tape sealed positions.....	14
C.2.2 Necessity of $K_1$ as the distance between the upper side of the carrier tape and the top surfaces of a component .....	15
C.2.3 Sealing method for the cover tape .....	15
C.2.4 Dent of the cover tape over the pockets.....	16
C.2.5 Lower limit of peel-off strength of the cover tape.....	16
C.2.6 Adhesion of components on the cover tape.....	16
C.2.7 Bending stiffness of the carrier tape .....	17
C.2.8 Fluff entering the pockets at removal of the cover tape .....	17
C.2.9 Maximum trailer length .....	18
C.2.10 Fixing the tail end of the carrier tape.....	18
C.2.11 Cut shape of the tail end of the carrier tape .....	18
Annex D (informative) Glossary .....	20
Bibliography.....	22
Figure 1 – Specified dimensions for paper taping for Auto Loading Feeder .....	8
Figure 2 – Leader part and trailer part.....	10
Figure A.1 – Operation and features when another tape is re-supplied automatically by the Auto Loading Feeder.....	11
Figure B.1 – Overview of the single-door method .....	12
Figure B.2 – Overview of the double-door method.....	13

Figure C.1 – Example dent of the cover tape over the pocket (embossed tape).....	16
Figure C.2 – Example of fluff entering the pocket possible in using Auto Loading Feeder .....	17
Figure C.3 – Examples of cut shapes available/unavailable for Auto Loading Feeder and a tape deformed at its top end.....	19
Table 1 – Symbols used in figures and tables .....	8
Table 2 – The cover tape sealed positions required for paper taping for Auto Loading Feeder .....	9
Table 3 – Distance between the upper side of the carrier tape and top surface of a component required for paper taping for Auto Loading Feeder .....	9
Table D.1 – Glossary of mounter and feeder related terms .....	20

## INTERNATIONAL ELECTROTECHNICAL COMMISSION

### PACKAGING OF COMPONENTS FOR AUTOMATIC HANDLING –

#### Part 3-3: Packaging of surface mount components on continuous paper tapes for Auto Loading Feeder

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IEC TR 60286-3-3 has been prepared by IEC technical committee 40: Capacitors and resistors for electronic equipment. It is a Technical Report.

The text of this Technical Report is based on the following documents:

Draft	Report on voting
40/2843/DTR	40/2865/RVDTR

Full information on the voting for its approval can be found in the report on voting indicated in the above table.

The language used for the development of this Technical Report is English.

This document was drafted in accordance with ISO/IEC Directives, Part 2, and developed in accordance with ISO/IEC Directives, Part 1 and ISO/IEC Directives, IEC Supplement, available

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## INTRODUCTION

This Technical Report was developed by the technical committee 40 working group 36 on components packaging, in which the members, such as mounter manufacturers, component manufacturers and packaging material manufacturers, had proposed, considered and discussed the possible standardization of the application of Auto Loading Feeder to enable automatically exchange SMD continuous tapes, using paper carrier tape during mounter operation, aiming to support IEC 60286-3, Edition 6, issued in 2019.

This document includes data expressed in the form of provisions, such as requirements or recommendations. These data, however, do not claim to be provisions and are just suggested as the results of the discussion.

The International Electrotechnical Commission (IEC) draws attention to the fact that it is claimed that compliance with this document may involve the use of a trademark concerning Auto Loading Feeder given in 3.1.1.

- Trademark ... AUTO LOADING FEEDER™
- Trademark registration number ... No.5983611 (Japan)

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## **PACKAGING OF COMPONENTS FOR AUTOMATIC HANDLING –**

### **Part 3-3: Packaging of surface mount components on continuous paper tapes for Auto Loading Feeder**

#### **1 Scope**

This part of IEC 60286 describes the possible requirements for paper taping for the Auto Loading Feeder mechanism to mount electronic components without leads or with stump type leads used for electric circuits. This document is applicable to the punched carrier tape with the bottom cover tape (nominal tape width: 8 mm only) among the tapes of Type 1a, and the pressed carrier tape (nominal tape width: 8 mm) of Type 1b in IEC 60286-3.

#### **2 Normative references**

The following documents are referred to in the text in such a way that some or all of their content constitutes requirements of this document. For dated references, only the edition cited applies. For undated references, the latest edition of the referenced document (including any amendments) applies.

IEC 60286-3:2019, *Packaging of components for automatic handling – Part 3: Packaging of surface mount components on continuous tapes*