



Standard of Japan Electronics and Information Technology Industries Association

JEITA ET-7105

**Standard on paper taping specifications required
for AUTO LOADING FEEDER**

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Foreword

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Standard on paper taping specifications required for AUTO LOADING FEEDER

Introduction

This Standard was developed by the Technical Standardization Committee on Components Packaging, in which the members such as mounter manufacturers, component manufacturers and packaging material manufacturers had proposed, considered and discussed the standardization on the application of Auto Loading Feeder to enable automatically exchange SMD continuous tapes, using paper carrier tape during mounter operation, aiming to support **JIS C 0806-3** [Packaging of surface mount components on continuous tapes], which was issued in 2014 based on **IEC 60286-3**, Edition 5 issued in 2013.

1 Scope

This Standard describes the requirements on paper taping for the Auto Loading Feeder mechanism to mount electronic components without leads or with stump type leads used for electric circuits. This Standard is applicable to the punched carrier tape with the bottom cover tape (nominal tape width: 8 mm only) among the tapes as Type 1a, and the pressed carrier tape (nominal tape width: 8 mm) as Type 1b in **JIS C 0806-3**.

2 Normative reference

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:

JEITA ETR-7026:2007, Terms of packaging for automatic mount components

JIS C 0806-3:2014, Packaging of components for automatic handling - Part 3: Packaging of surface mount components on continuous tapes

Note Corresponding **IEC** standard:

IEC 60286-3:2013, *Packaging of components for automatic handling - Part 3: Packaging of surface mount components on continuous tapes*

3 Terms, definitions and symbols

3.1 Terms and definitions

In addition to the applicable terms and definitions of **JEITA ETR-7026**, the following definitions apply:

3.1.1

Auto Loading Feeder (AUTO LOADING FEEDER)

A tape feeder that can keep supplying components by automatically carrying a tape of resupplied SMD at the filling-in position into the components supply position just after the components in the tape of previously supplied SMD are fed up during the assembly production

Note Auto Loading Feeder has the mechanism that the cover tape of an SMD tape is automatically cut or peeled off to expose the pockets during the operation to supply components.