



Questions about package outline drawings

Abstract: This application note describes the dimensions and tolerances of package outline drawings of Nexperia products.

Keywords: package outline drawings, POD, dimensions

1. Introduction

This application note should answer the most frequently asked questions of customers about package outline drawings (PD) and its dimensions and tolerances.

2. Questions and Explanations

1. What is the range for D and E?

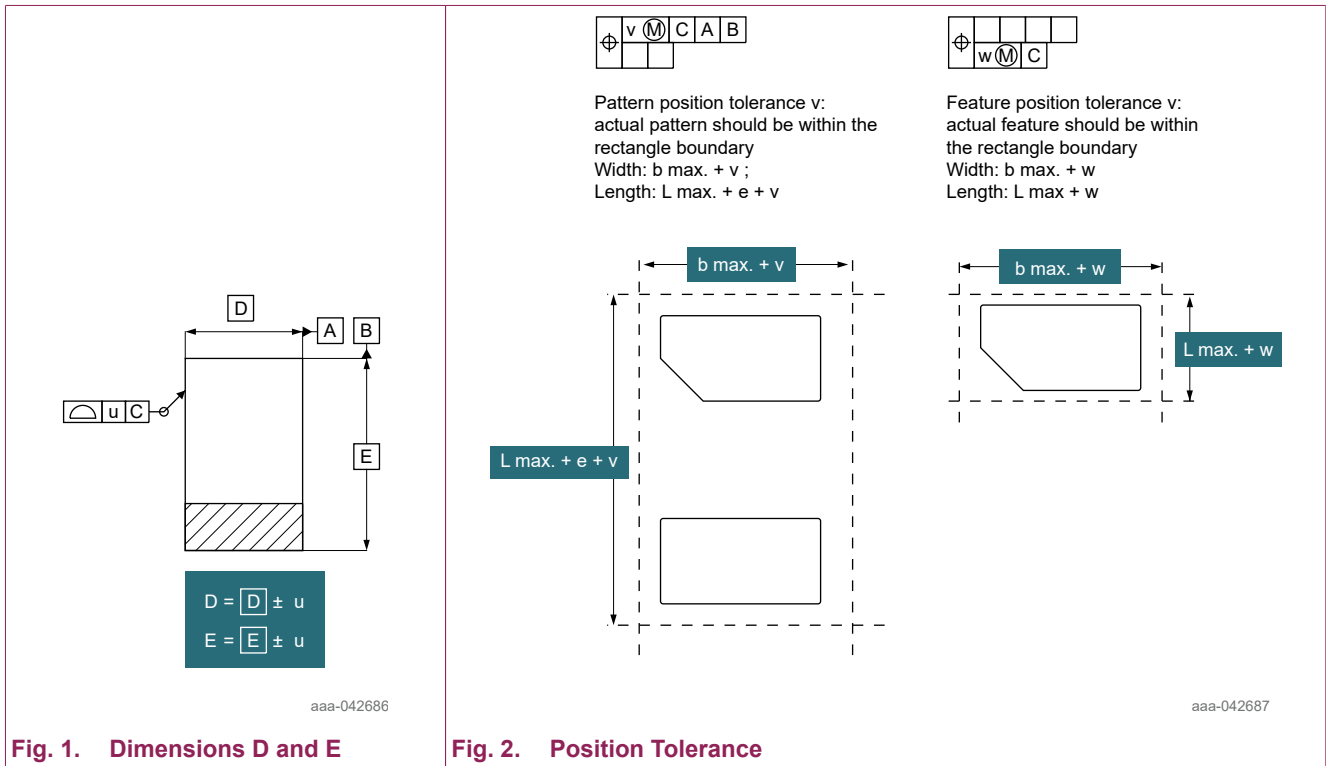
- $D = \boxed{D} \pm u, E = \boxed{E} \pm u$

2. Is there tolerance for basic dimension e?

- Basic dimension is a theoretically exact dimension defining the ideal exact point in space where something needs to be. These dimensions are **placed in boxes** and **never have a tolerance** following them.

3. What is the meaning of position tolerance?

- Position tolerance is how far your feature's location can vary from its **True Position**.



3. Revision history

Table 1. Revision history

Revision number	Date	Description
1.0	20250312	Initial version

4. Legal information

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