



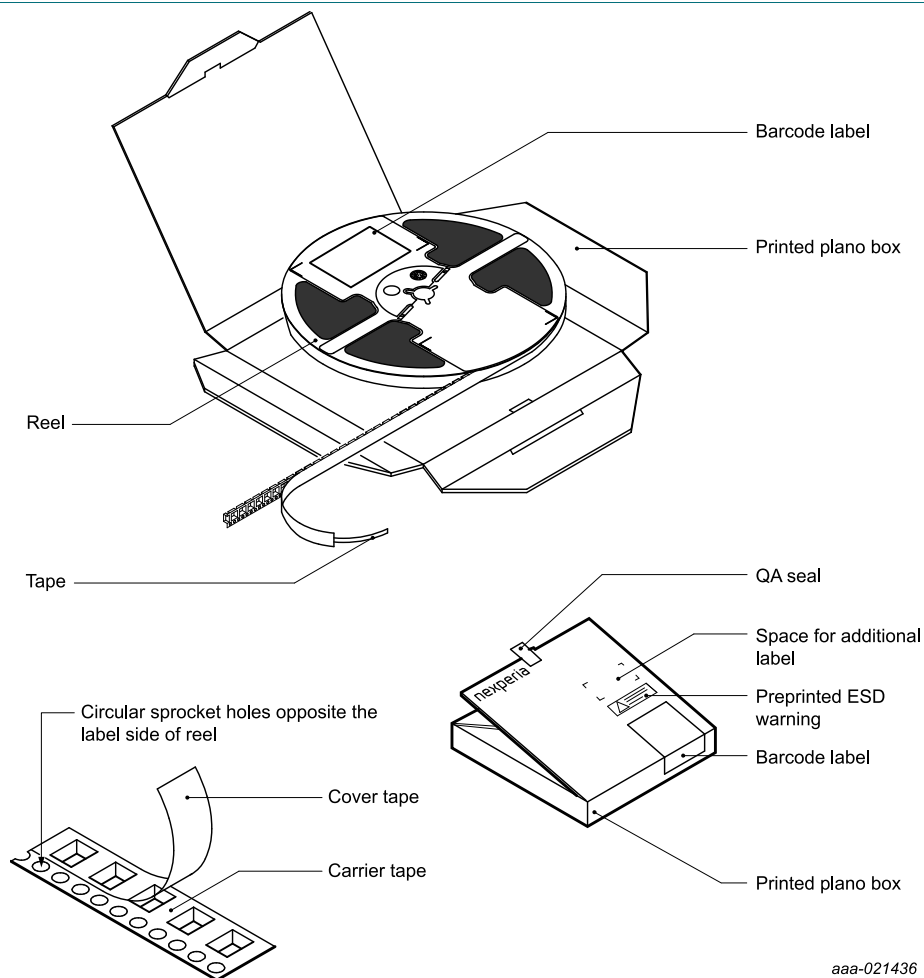
SOT89

Reel pack for SMD; 7"; Q1/T1 product orientation

Rev. 2 — 26 August 2024

Packing information

1. Packing method



aaa-021436

Fig. 1. Reel pack for SMD

Table 1. Dimensions and quantities

Package version	12 NC ending	Orderable part number ending	Reel dimensions d × w (mm)[1]	SPQ/PQ (pcs)[2]	Reels per box	Outer box dimensions l × w × h (mm)[3]
SOT89	146	146 or Z	180 X 12	1000	1	188 x 187 x 24

[1] d = reel diameter; w = tape width.

[2] Packing quantity dependent on specific product type. Please contact your local Nexperia representative for ordering.

[3] Dimensions for reference only.

2. Product orientation

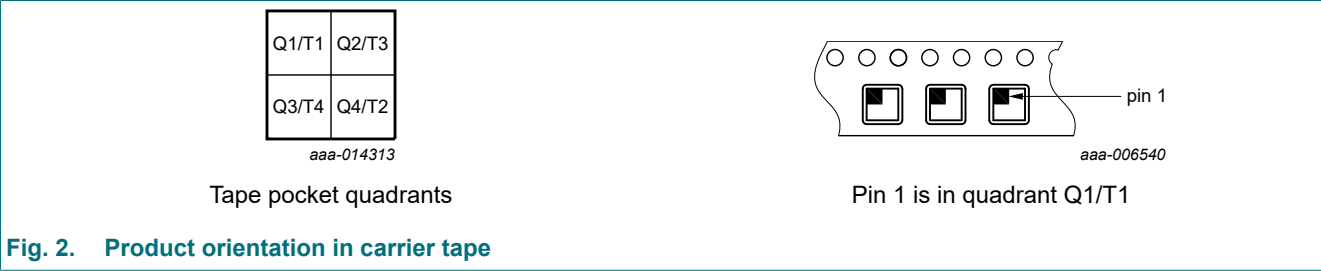
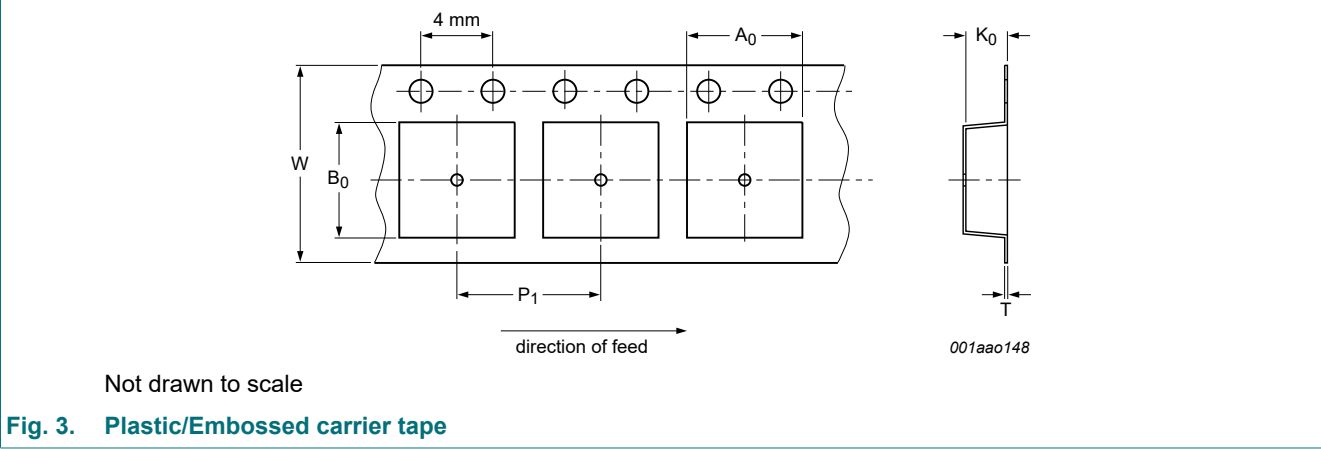


Fig. 2. Product orientation in carrier tape

3. Carrier tape dimensions



4. Reel dimensions

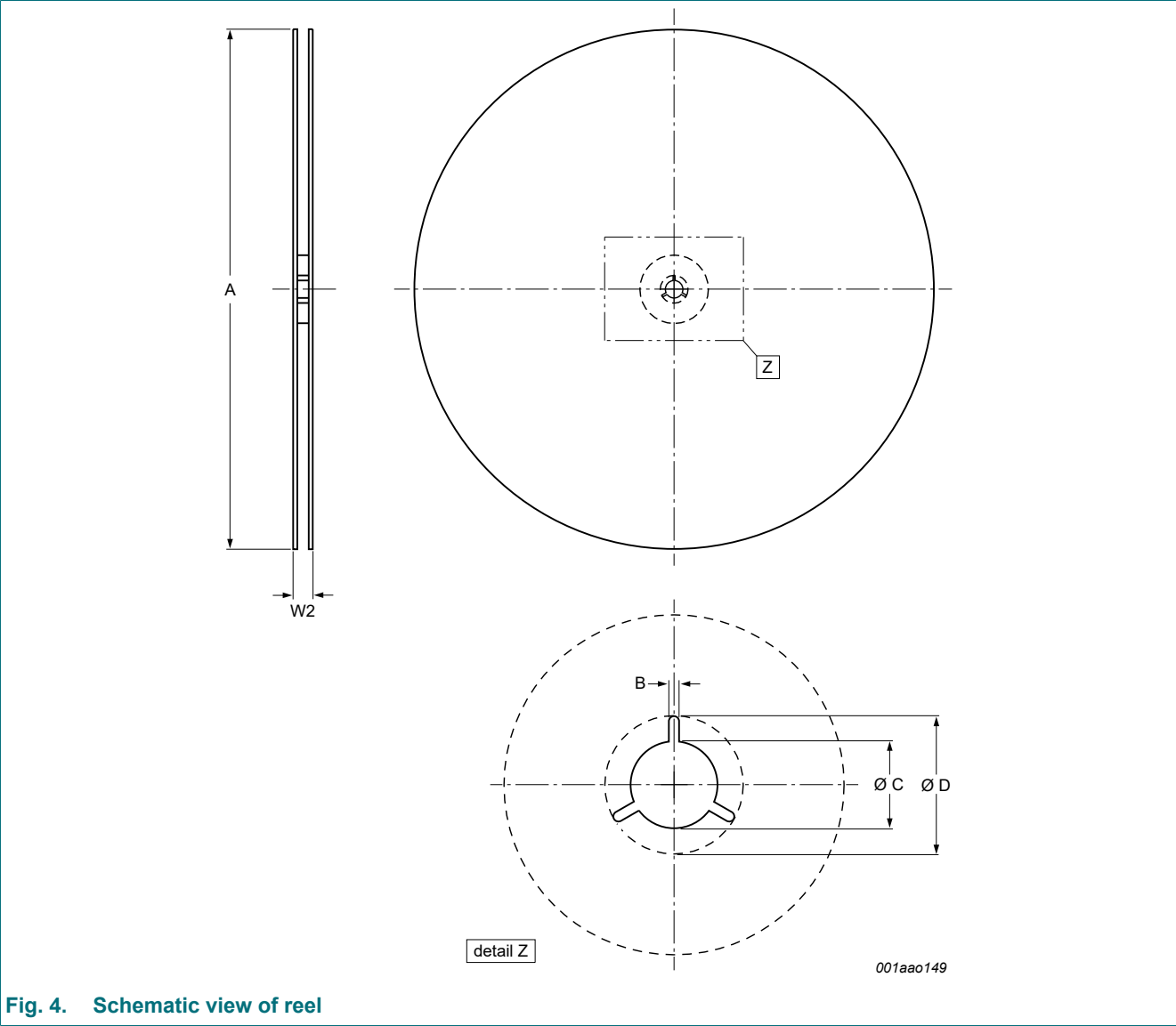


Fig. 4. Schematic view of reel

Table 3. Reel dimensions

In accordance with IEC 60286-3

A [nom] (mm)	W2 [max] (mm)	B [min] (mm)	C [min] (mm)	D [min] (mm)
180	18.4	1.5	12.8	20.2

5. Barcode label

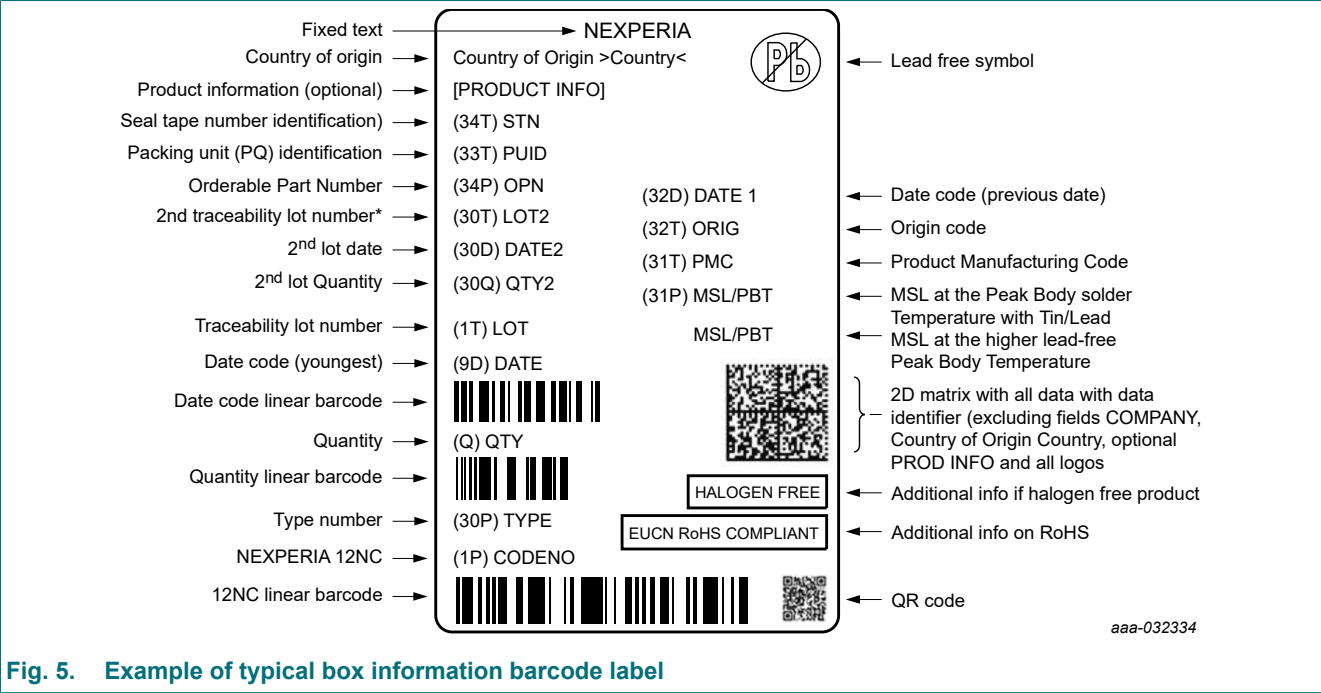


Fig. 5. Example of typical box information barcode label

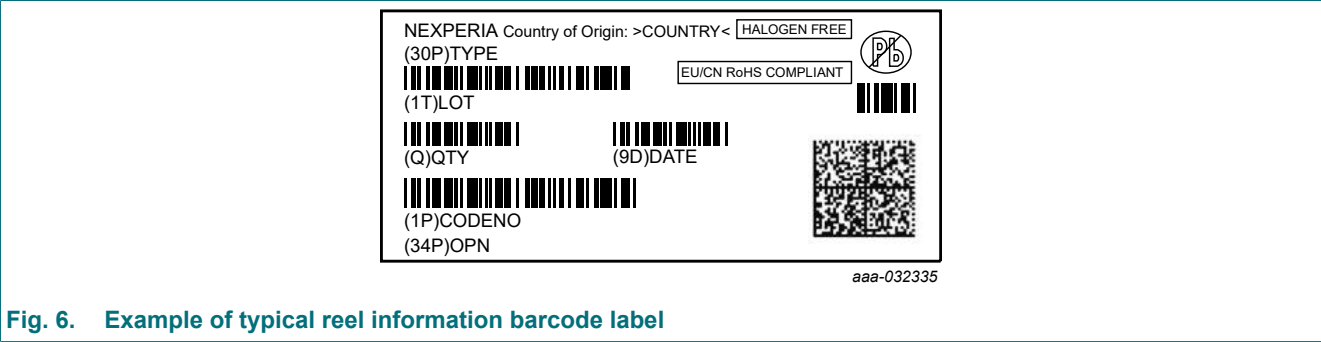


Fig. 6. Example of typical reel information barcode label

Table 4. Barcode label dimensions

Box barcode label l × w (mm)	Reel barcode label l × w (mm)
100 × 75	36 × 75

6. Revision history

Table 5. Revision history

Document ID	Release date	Modifications	Supersedes
SOT89_146 v. 2	20240826	<ul style="list-style-type: none">The format of this packing information document has been redesigned to comply with the identity guidelines of Nexperia.Table 1 : Outer box dimensions updated.Carrier tape dimensions : Tolerances added to carrier tape dimensions.Table 1 : "Reel dimensions" added.Barcode label : Updated "Barcode label", added (34P) OPN, 2D matrix code to Reel label, QR code to Box label.Legal texts have been adapted to the new company name where appropriate.	SOT89_146 v. 1
SOT89_146 v. 1	20140304	-	-

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