



# SOT89

Reel pack for SMD; 7"; Q4/T2 product orientation

Rev. 2 — 26 August 2024

Packing information

## 1. Packing method

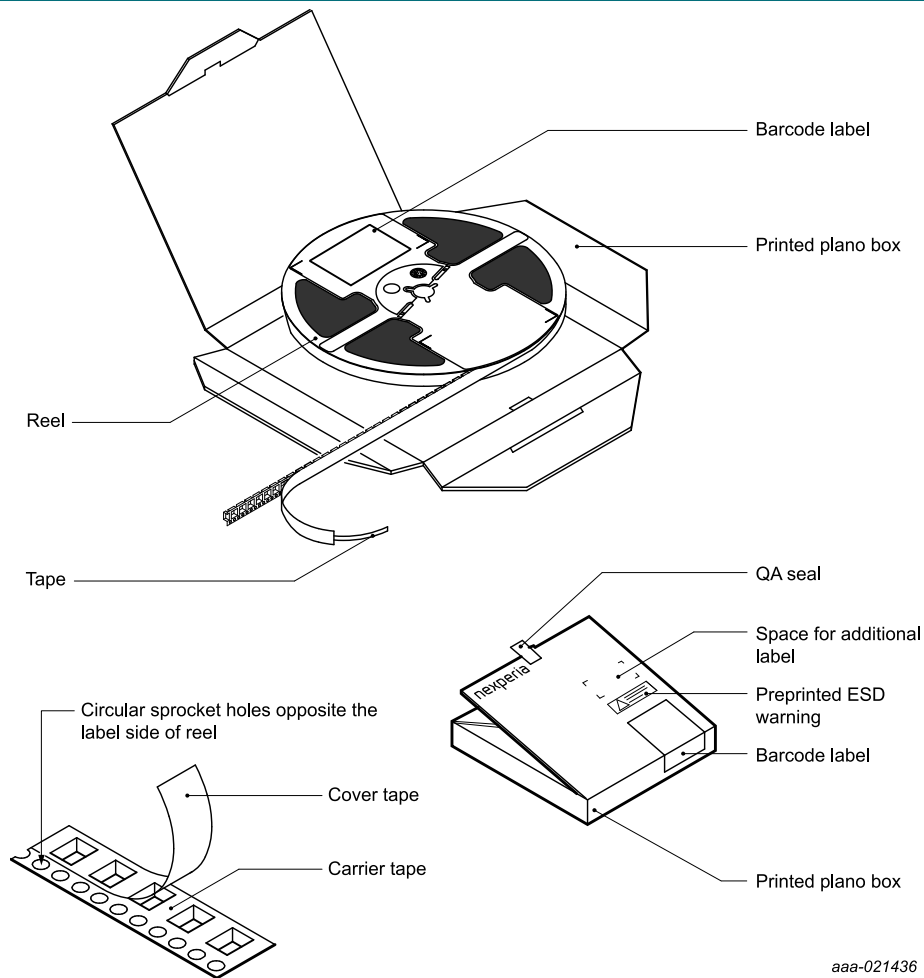


Fig. 1. Reel pack for SMD

Table 1. Dimensions and quantities

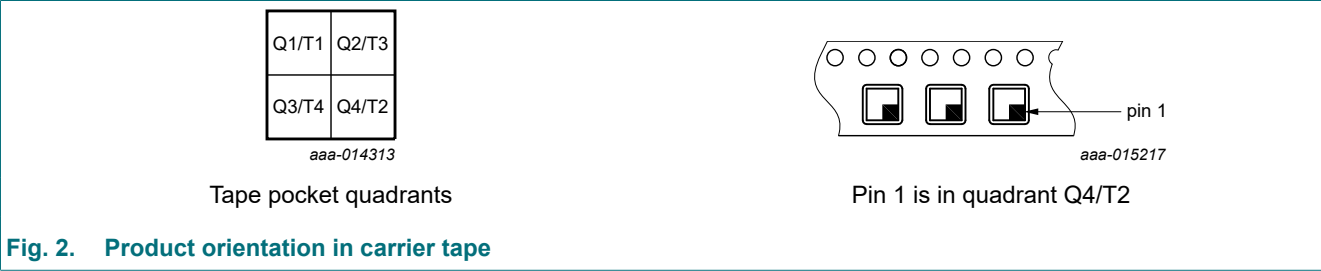
Package version	12 NC ending	Orderable part number ending	Reel dimensions d × w (mm)[1]	SPQ/PQ (pcs)[2]	Reels per box	Outer box dimensions l × w × h (mm)[3]
SOT89	147	147 or Z	180 X 12	1000	1	188 x 187 x 24

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

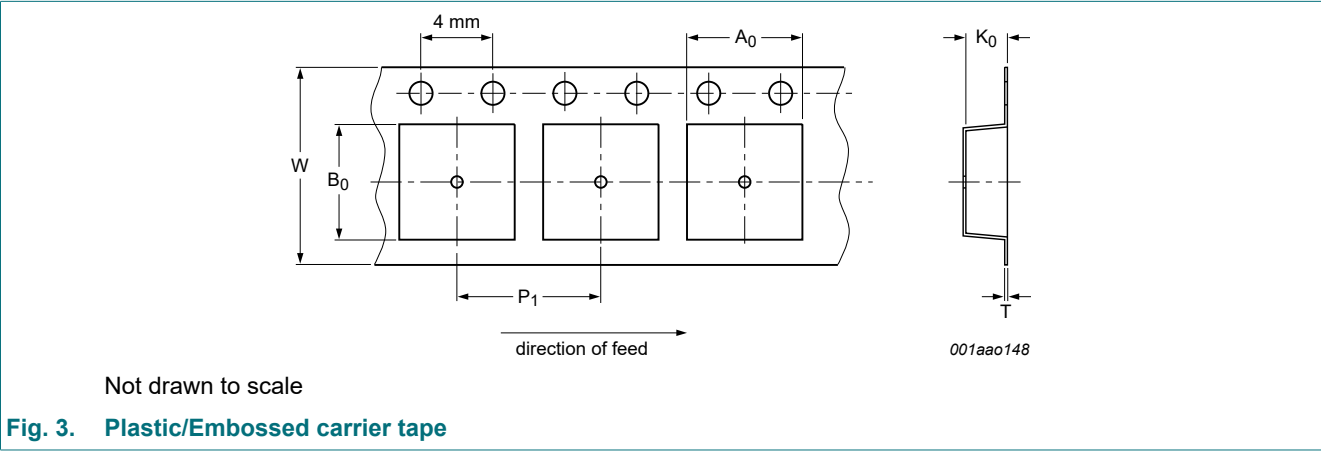
[2] Packing quantity dependent on specific product type. Please contact your local Nexperia representative for ordering.

[3] Dimensions for reference only.

2. Product orientation



3. Carrier tape dimensions



**Table 2. Carrier tape dimensions**  
In accordance with IEC 60286-3

A <sub>0</sub> (mm)	B <sub>0</sub> (mm)	K <sub>0</sub> (mm)	T (mm)	P <sub>1</sub> (mm)	W (mm)
4.7 ± 0.1	4.22 ± 0.1	1.85 ± 0.1	0.3 ± 0.03	8.0 ± 0.1	12.0 +0.3 / -0.1

4. Reel dimensions

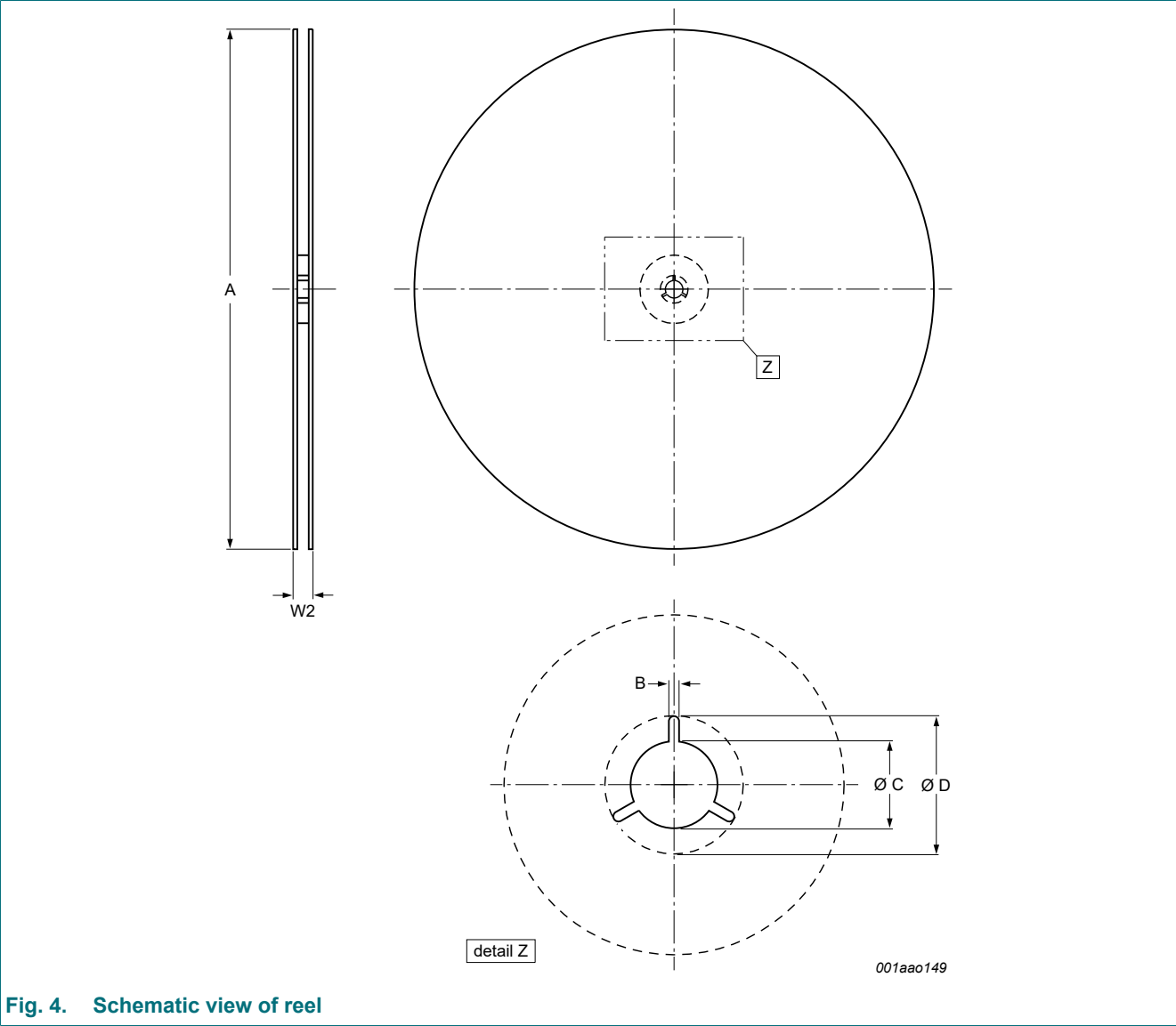


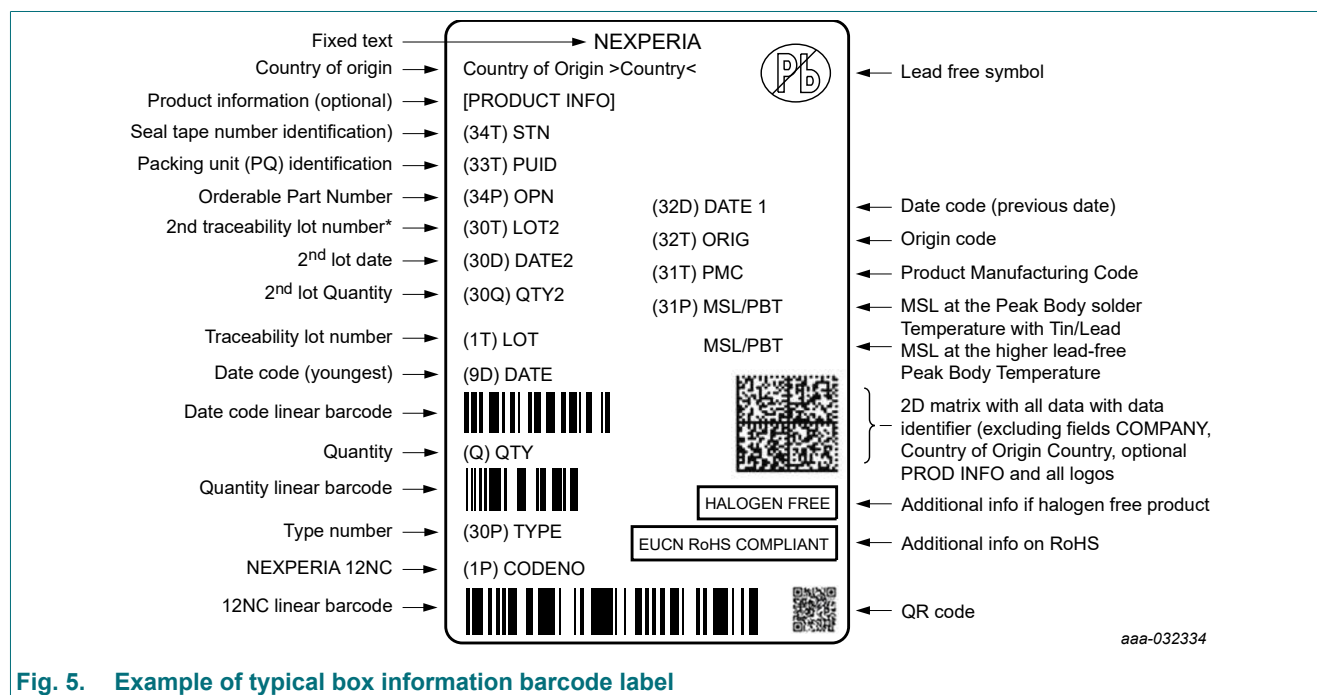
Fig. 4. Schematic view of reel

Table 3. Reel dimensions

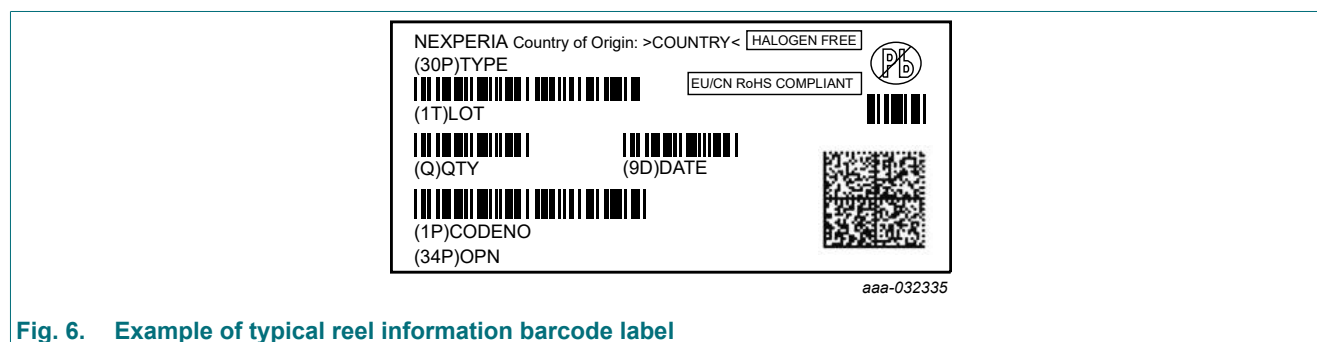
In accordance with IEC 60286-3

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_147 v. 2	20240826	<ul style="list-style-type: none"><li>The format of this packing information document has been redesigned to comply with the identity guidelines of Nexperia.</li><li><a href="#">Table 1</a> : Outer box dimensions updated.</li><li><a href="#">Carrier tape dimensions</a> : Tolerances added to carrier tape dimensions.</li><li><a href="#">Table 1</a> : "Reel dimensions" added.</li><li><a href="#">Barcode label</a> : Updated "Barcode label", added (34P) OPN, 2D matrix code to Reel label, QR code to Box label.</li><li>Legal texts have been adapted to the new company name where appropriate.</li></ul>	SOT89_147 v. 1
SOT89_147 v. 1	20140303	-	-

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