



# SOT89

Reel pack for SMD, 7"; Q2/T3 product orientation

Rev. 2 — 11 October 2019

Packing information

## 1. Packing method

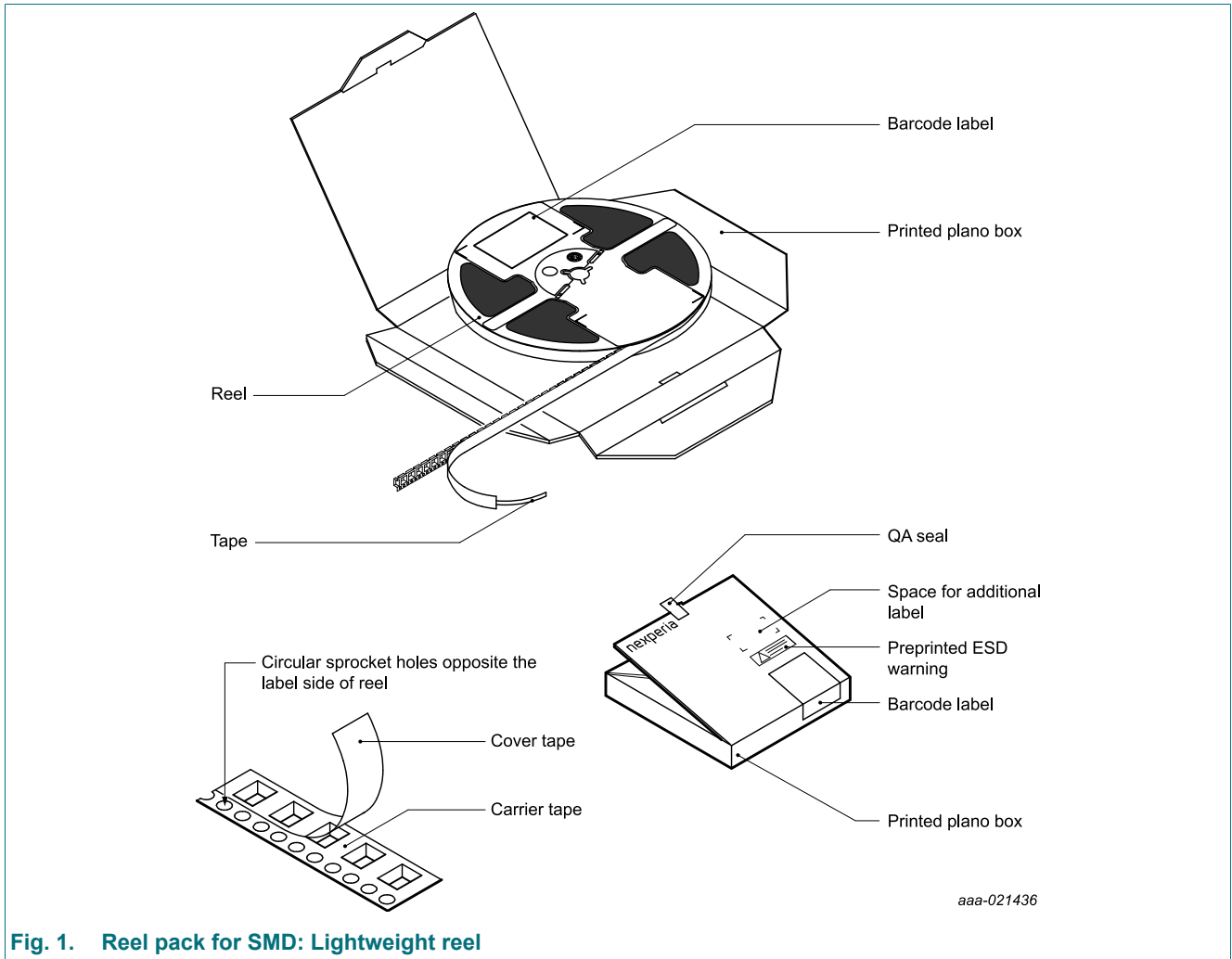


Fig. 1. Reel pack for SMD: Lightweight reel

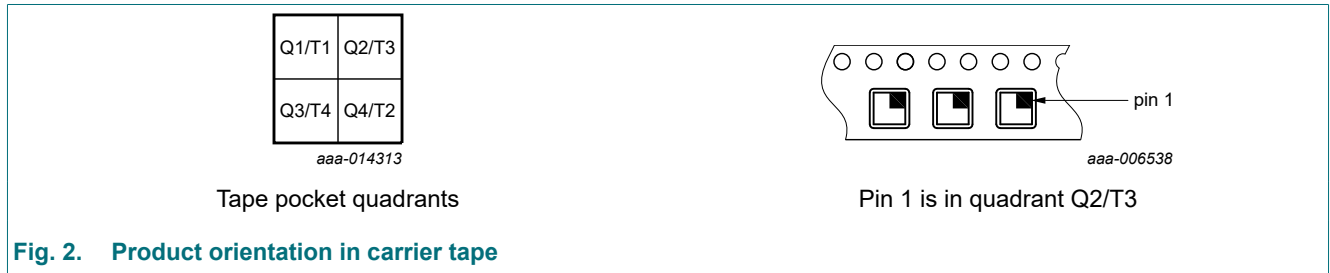
Table 1. Dimensions and quantities

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)
SOT89	115	115 or X	180 x 12	1 000	1	186 x 185 x 23

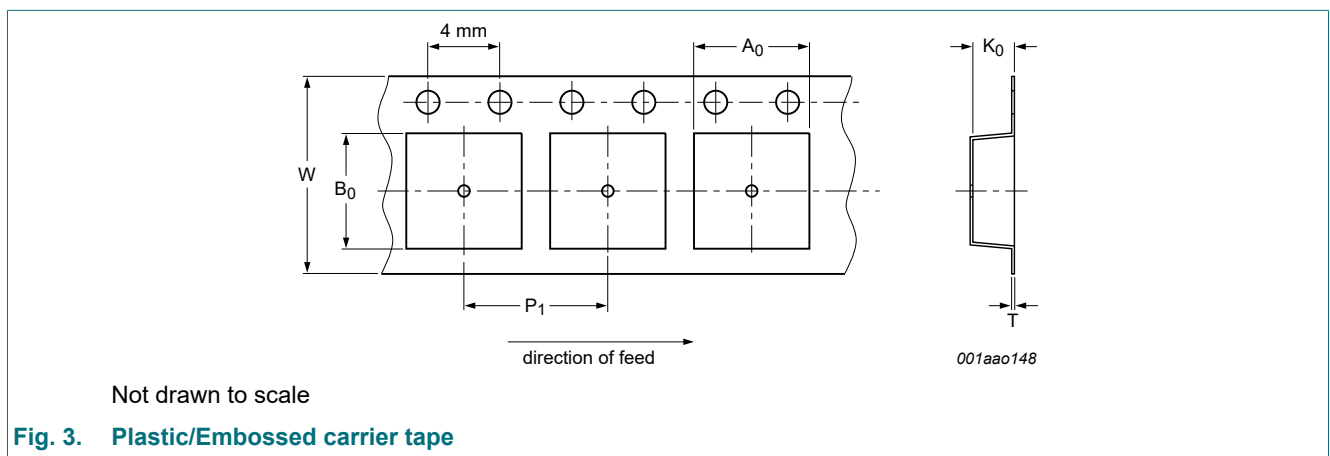
[1] d = reel diameter; w = tape width.

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

## 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)
4.22 ± 0.10	4.70 ± 0.10	1.85 ± 0.10	0.30 ± 0.03	8.0 ± 0.1	12.0 + 0.3 / - 0.1

### 4. Reel dimensions

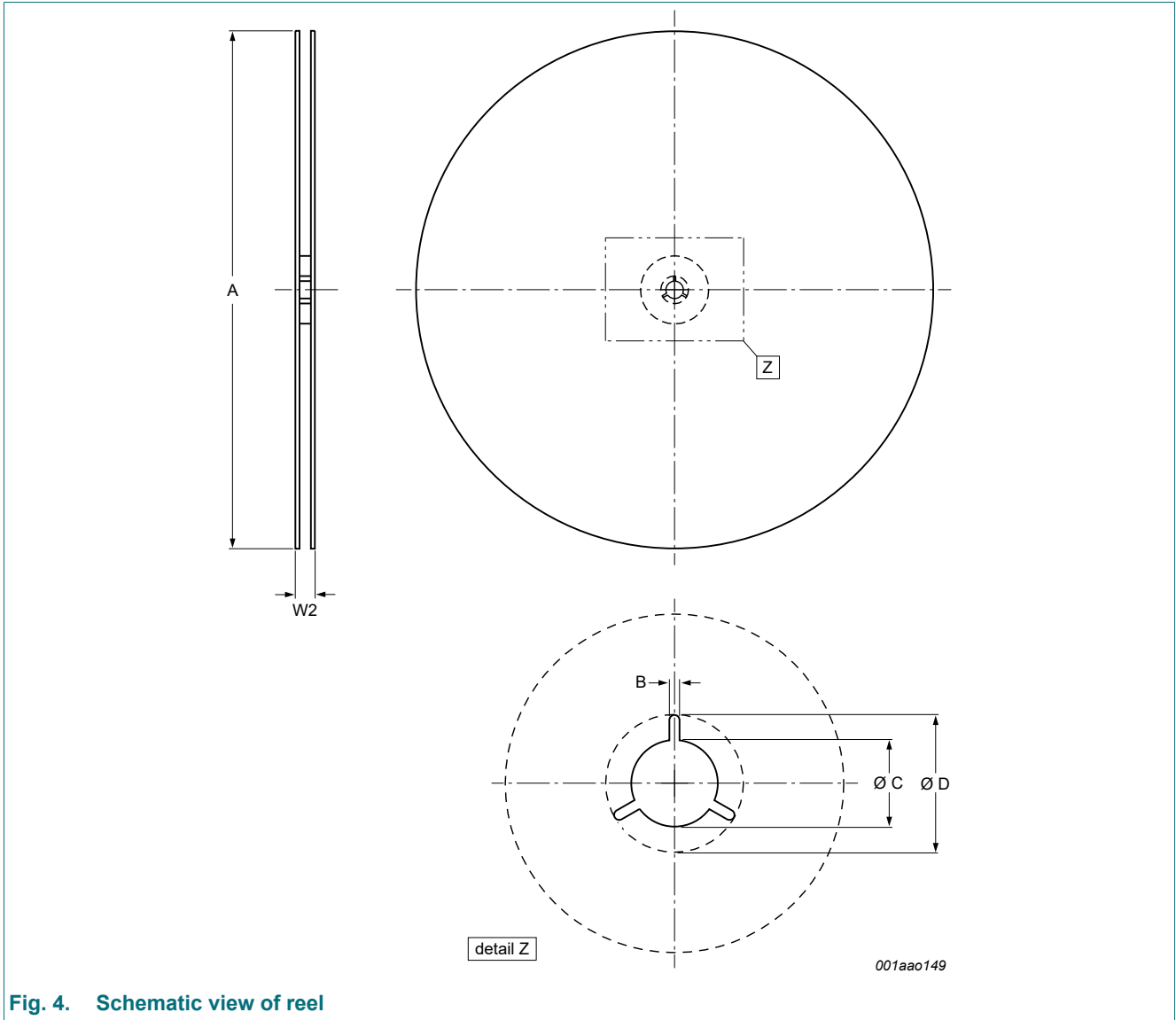


Fig. 4. Schematic view of reel

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

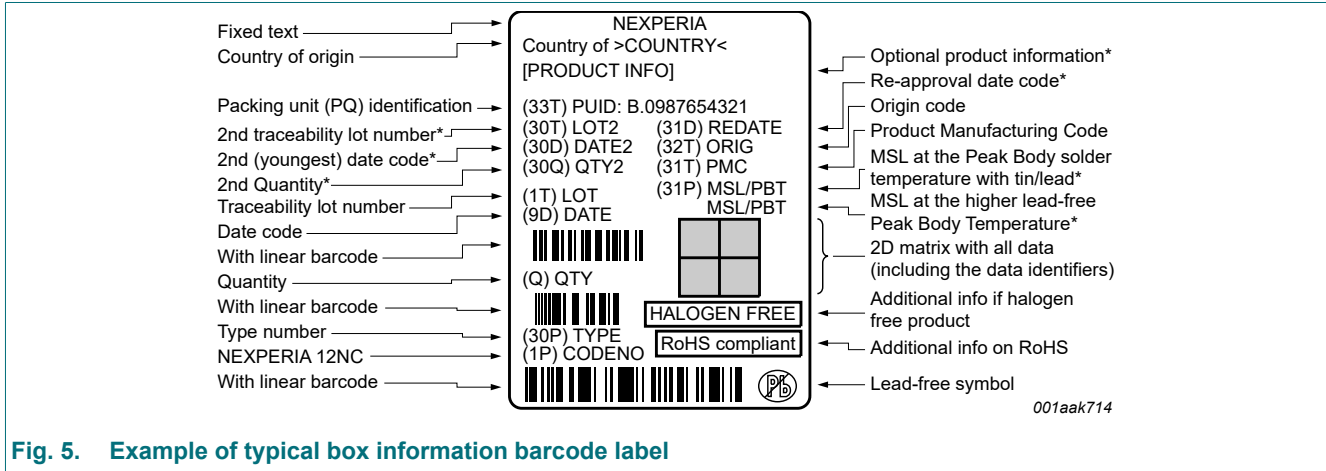


Fig. 5. Example of typical box information barcode label

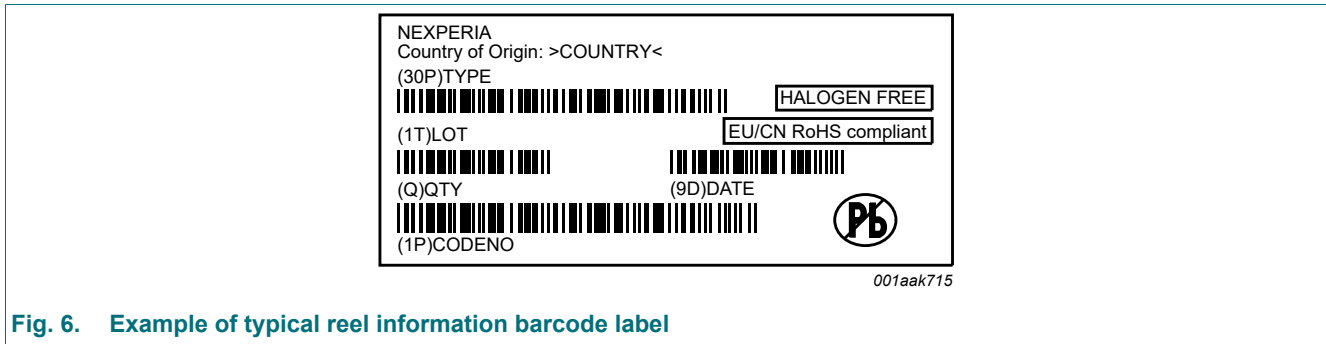


Fig. 6. Example of typical reel information barcode label

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_115 v. 2 <sup>[1]</sup>	20190911	<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="#">Table 2</a>: Tolerances added to carrier tape dimensions.</li> <li><a href="#">Section 4</a> "Reel dimensions" added.</li> <li><a href="#">Section 5</a> "Barcode label" added.</li> <li><a href="#">Section 6</a> Added footnote about product orientation.</li> <li>Legal texts have been adapted to the new company name where appropriate.</li> </ul>	SOT89_115 v. 1
SOT89_115 v. 1	20121126	-	-

[1] This document is showing the actual product orientation in production.

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