



# SOT109-1

SO16; Reel pack for SMD, 13"; Q1/T1 product orientation

Rev. 5 — 17 January 2020

Packing information

## 1. Packing method

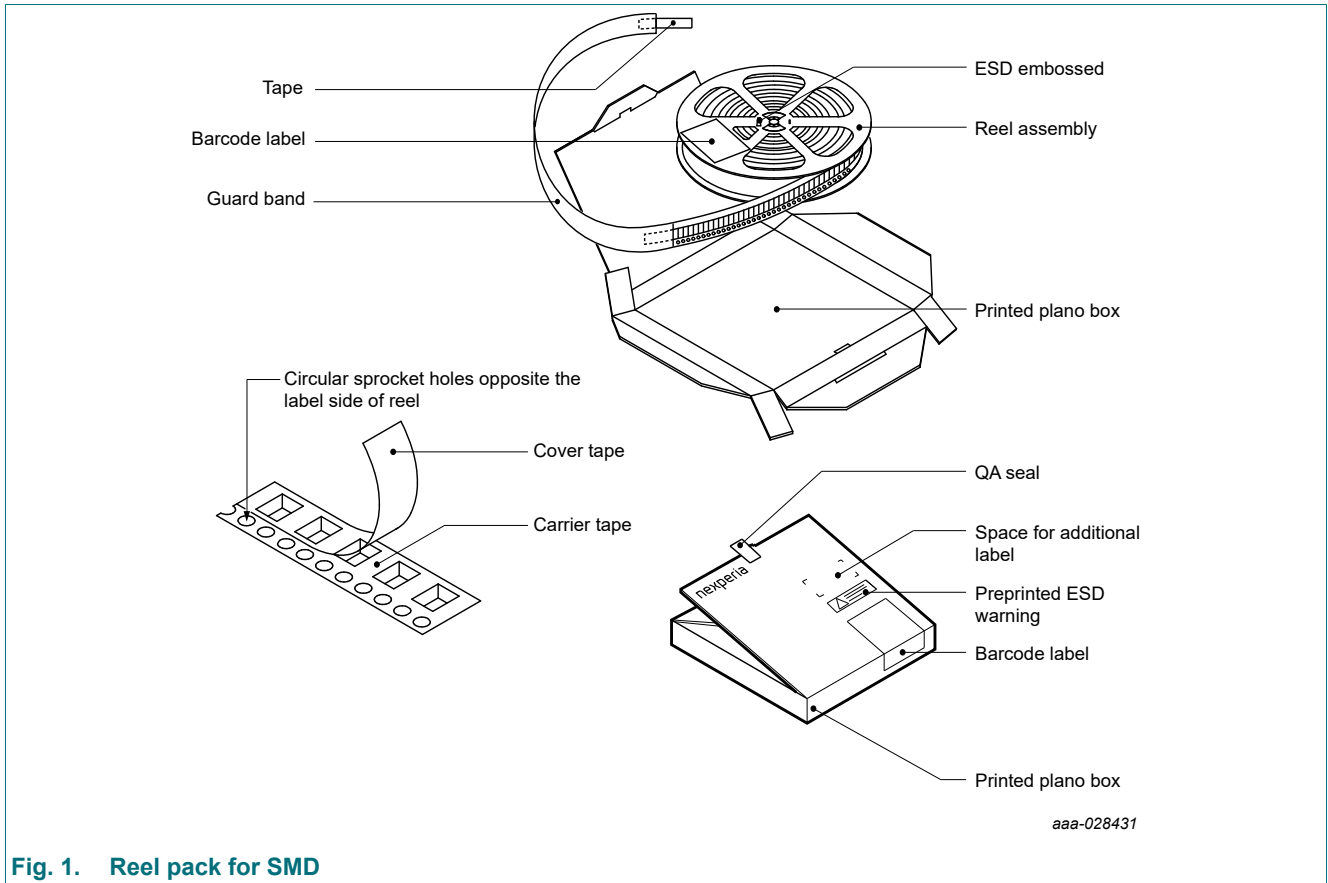


Fig. 1. Reel pack for SMD

Table 1. Dimensions and quantities

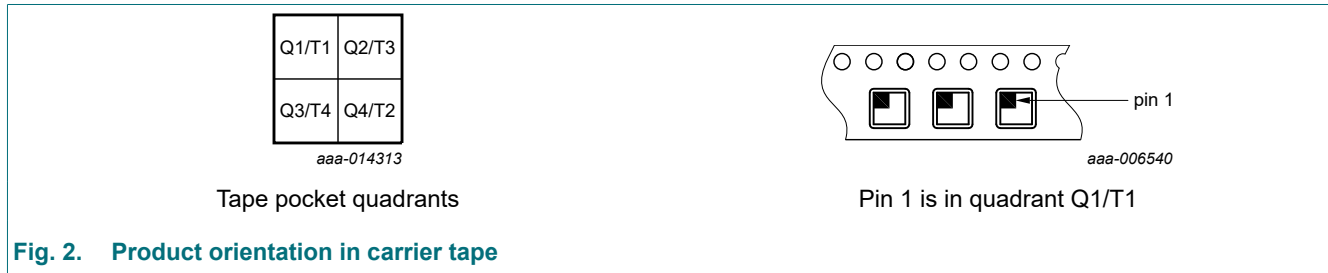
Package version	12 NC ending	Orderable part number ending	Reel dimensions d × w (mm)[1]	SPQ/PQ (pcs)[2]	Reels per box	Outer box dimensions l × w × h (mm)[3]
SOT109-1	118	118 or J	330 x 16	2500	1	340 x 338 x 29

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

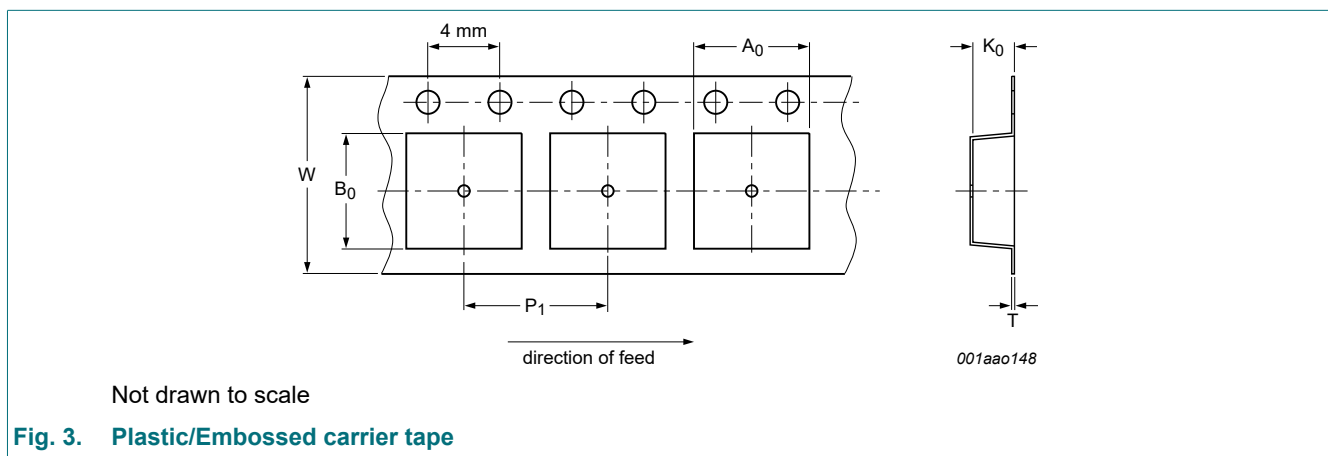
[2] Packing quantity dependent on specific product type. Please contact your local Nexperia representative for ordering.

[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)
6.5 ± 0.1	10.3 ± 0.1	2.3 ± 0.1	0.30 ± 0.05	8.0 ± 0.1	16 ± 0.1

### 4. Reel dimensions

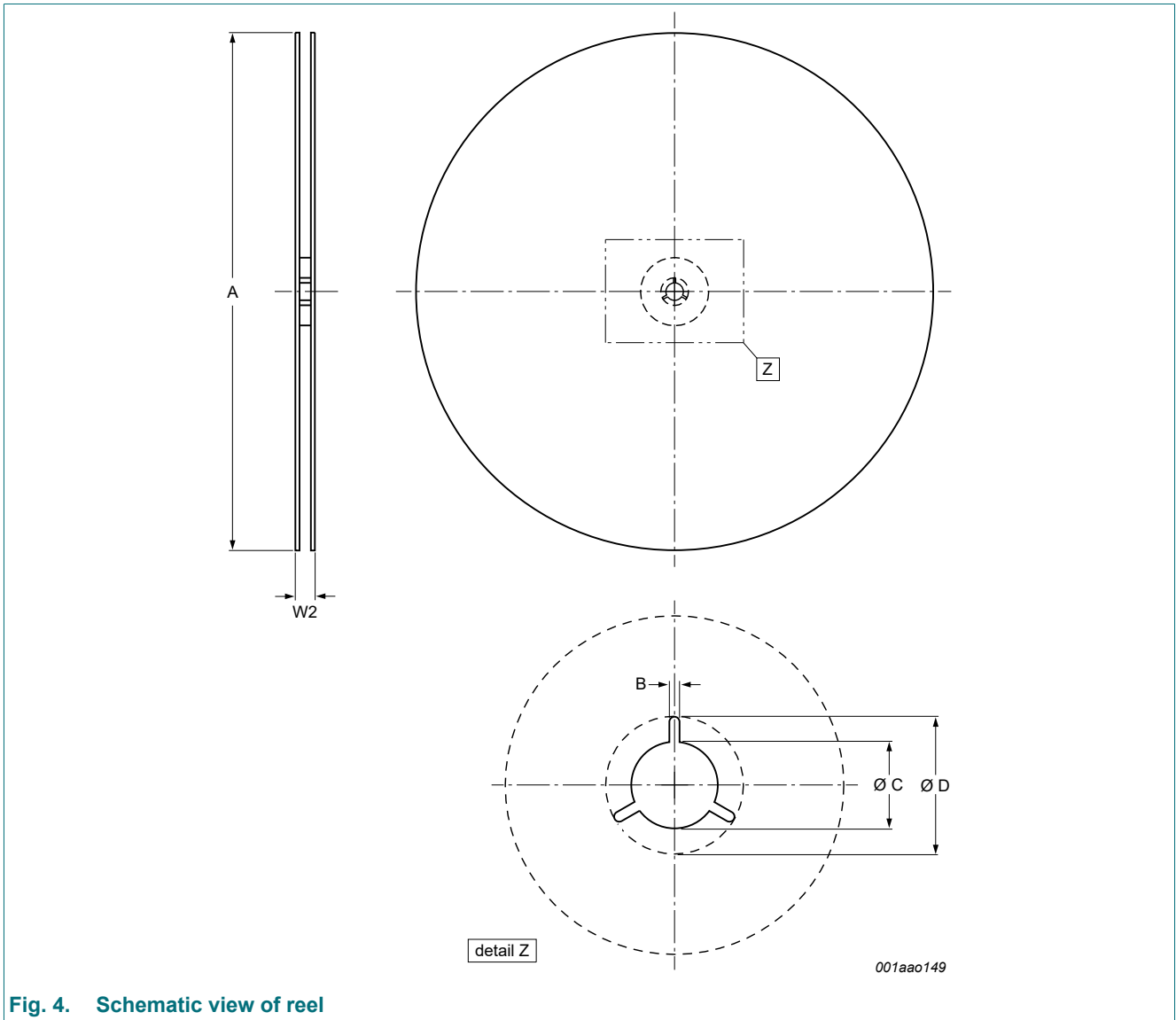


Fig. 4. Schematic view of reel

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)
330	22.4	1.5	12.8	20.2

## 5. Barcode label

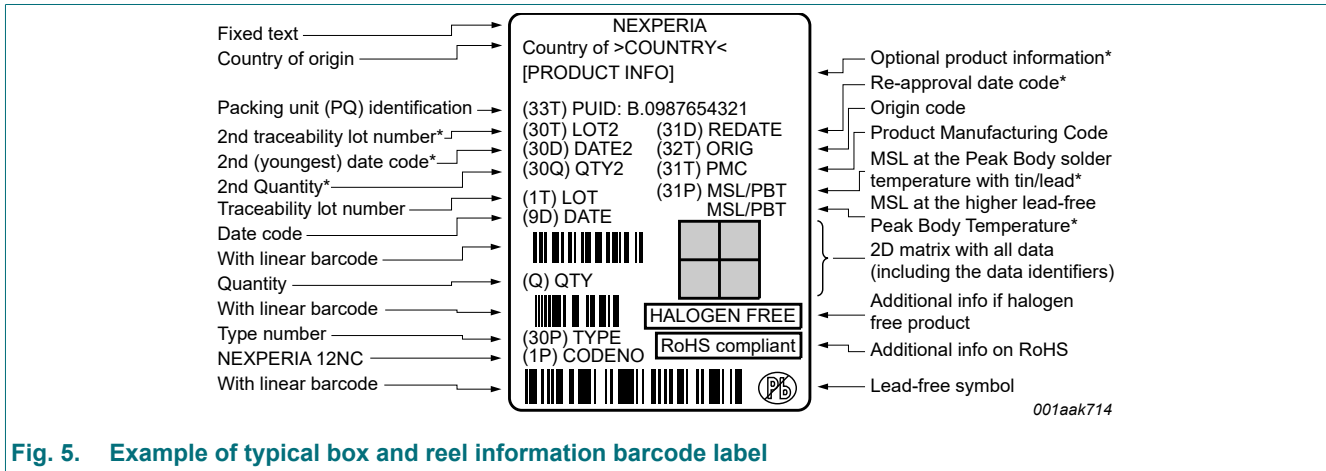


Fig. 5. Example of typical box and reel information barcode label

Table 4. Barcode label dimensions

Box and reel barcode label l × w (mm)
100 × 75

## 6. Revision history

Table 5. Revision history

Document ID	Release date	Modifications	Supersedes
SOT109-1_118 v.5	20200117	<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="#">Fig. 1</a>: Updated packing method drawing.</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="#">Table 3</a>: Updated reel dimensions.</li> <li><a href="#">Section 5</a>: Updated barcode label and dimensions.</li> <li>Legal texts have been adapted to the new company name where appropriate.</li> </ul>	SOT109-1_118 v. 4
SOT109-1_118 v. 4	20130424	-	SOT109-1_118 v. 3

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