

# SOT109-1

SO16; Reel pack for SMD, 13"; Q4/T2 product orientation

Rev. 2 — 29 January 2024

Packing information

## 1. Packing method

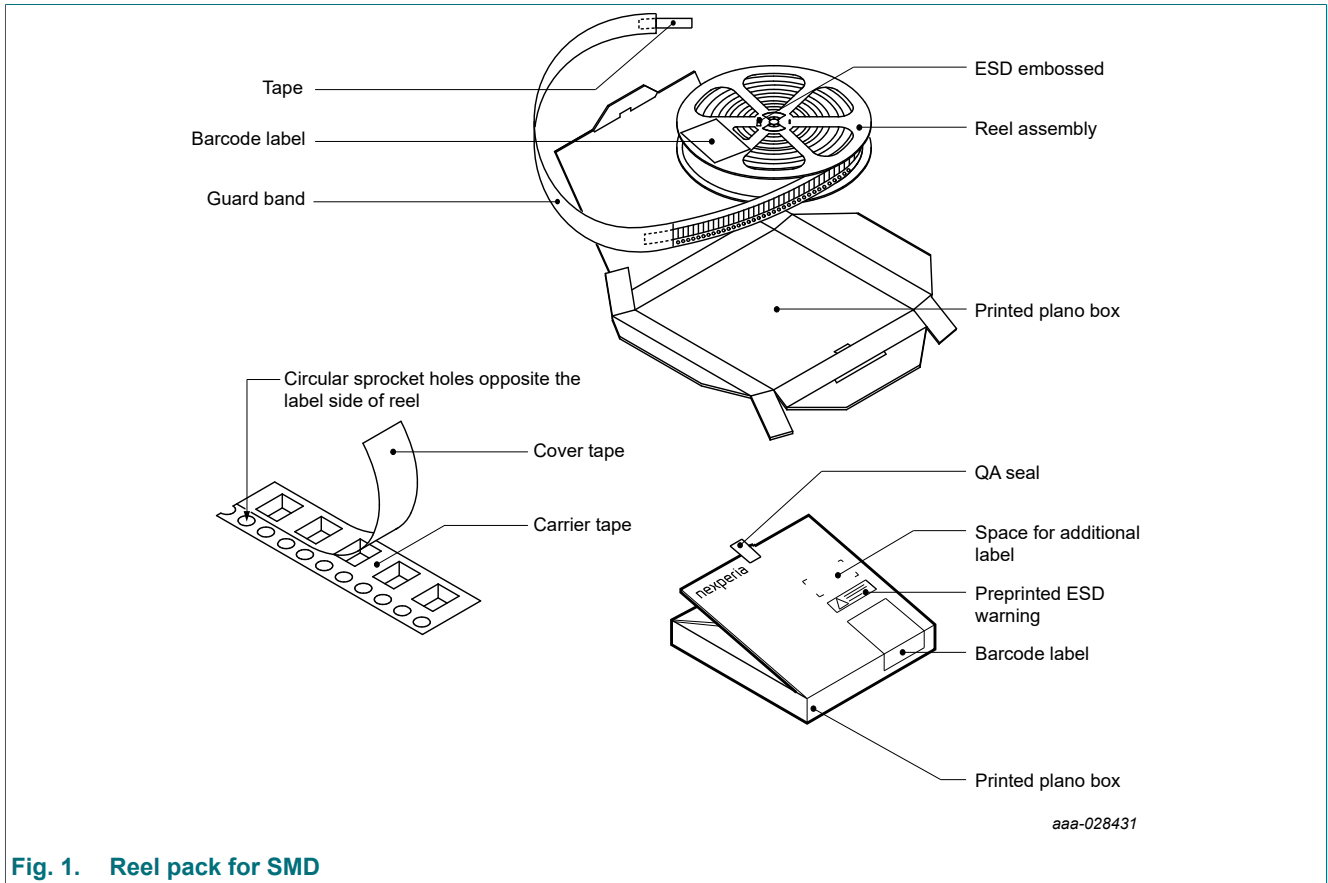


Fig. 1. Reel pack for SMD

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]
SOT109-1	013, 139	013 or Z, 139 or Z	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

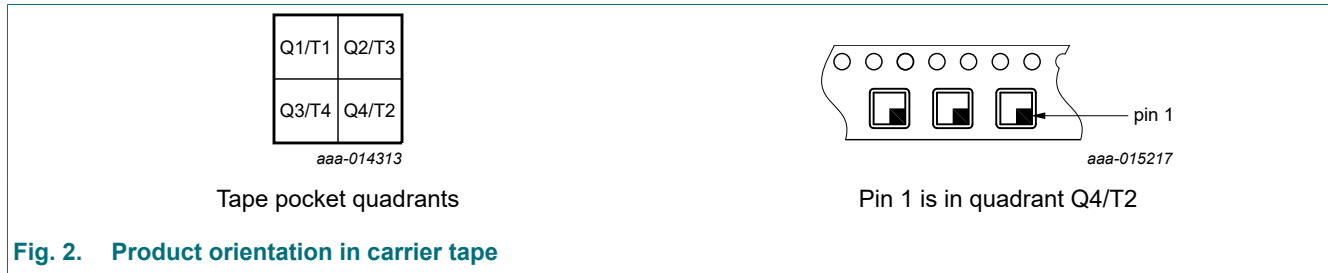


Fig. 2. Product orientation in carrier tape

## 3. Carrier tape dimensions

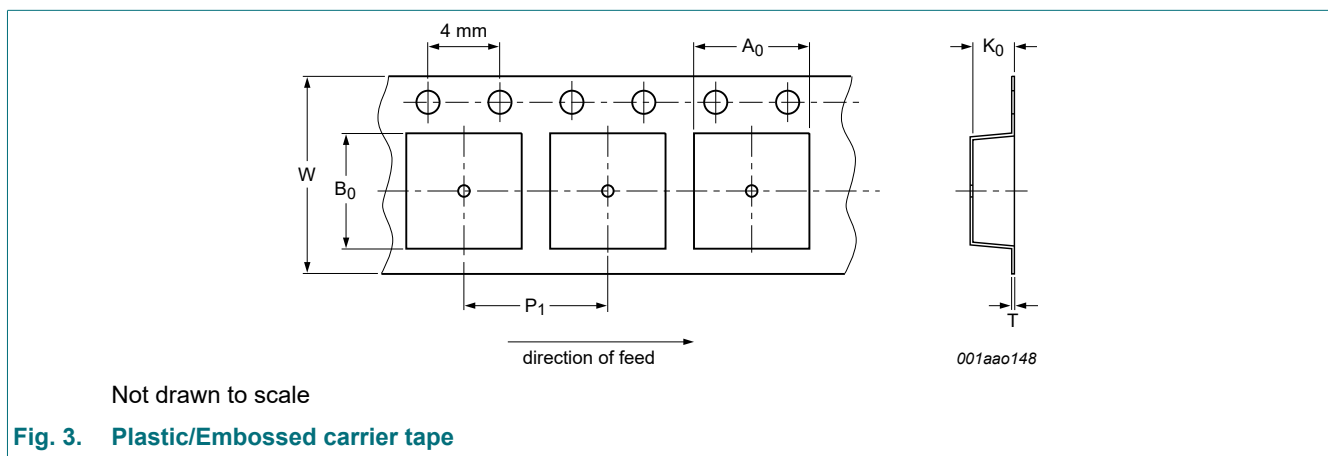


Fig. 3. Plastic/Embossed carrier tape

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)
6.50 ± 0.10[1]	10.30 ± 0.10	2.30 ± 0.10	0.30 ± 0.05	8.0 ± 0.1	16.0 ± 0.1
6.50 ± 0.10[2]	10.30 ± 0.10	2.10 ± 0.10	0.30 ± 0.05	8.0 ± 0.1	16.0 ± 0.3

[1] Dimensions in this row are applicable when the 2nd digit of PMC = X.

[2] Dimensions in this row are applicable when the 2nd digit of PMC = B.

## 4. Reel dimensions

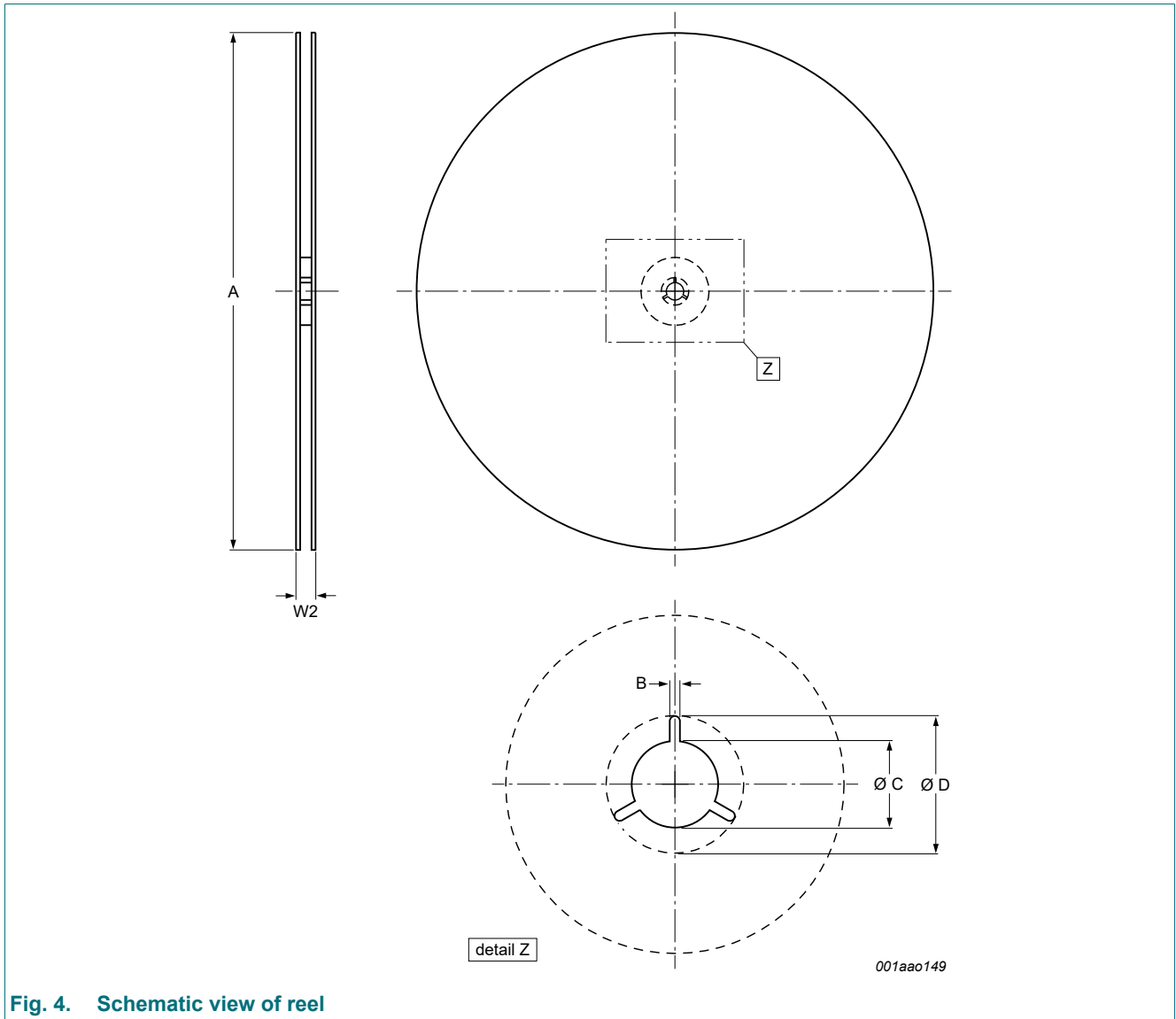


Fig. 4. Schematic view of reel

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

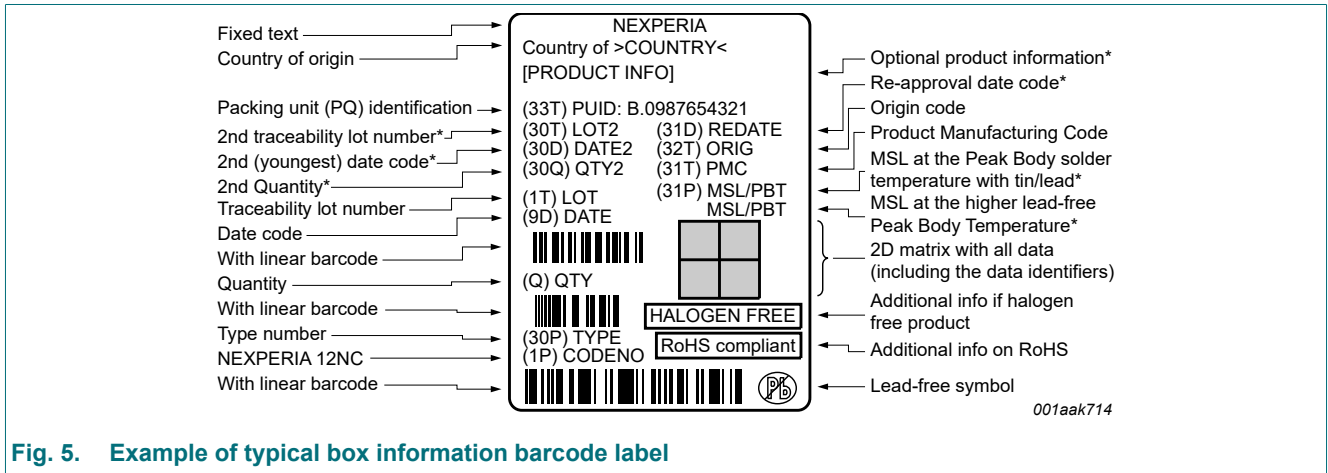


Fig. 5. Example of typical box information barcode label

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_139 v.2	20240129	• <a href="#">Table 2</a> : Added alternative carrier tape dimensions in Table 2.	SOT109-1_139 v.1
SOT109-1_139 v.1	20230727	-	-

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