



SOT109-1

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

Rev. 6.0 — 10 June 2022

Packing information

1. Packing method

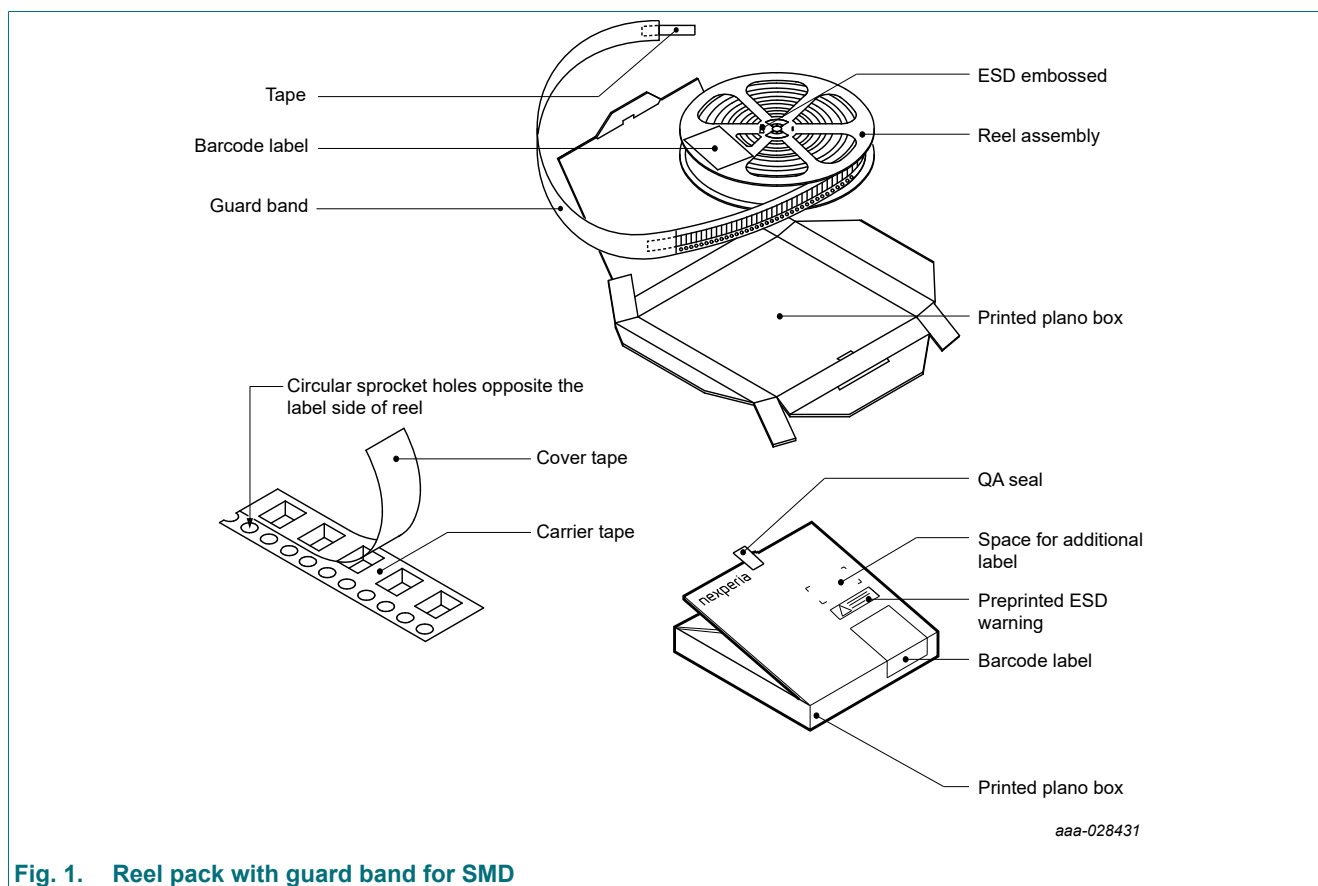


Fig. 1. Reel pack with guard band for SMD

Table 1. Dimensions and quantities

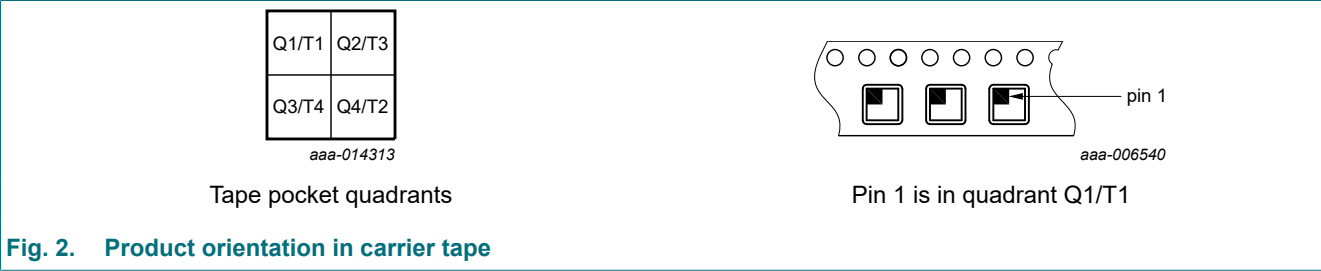
Package version	12 NC ending	Orderable part number ending	Reel dimensions d × w (mm)[1]	SPQ/PQ (pcs)[2]	Reels per box	Outer box dimensions l × w × h (mm)[3]
SOT109-1	118, 653	118 or J ; 653 or HL	330 x 16	2500	1	340 x 338 x 29

[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

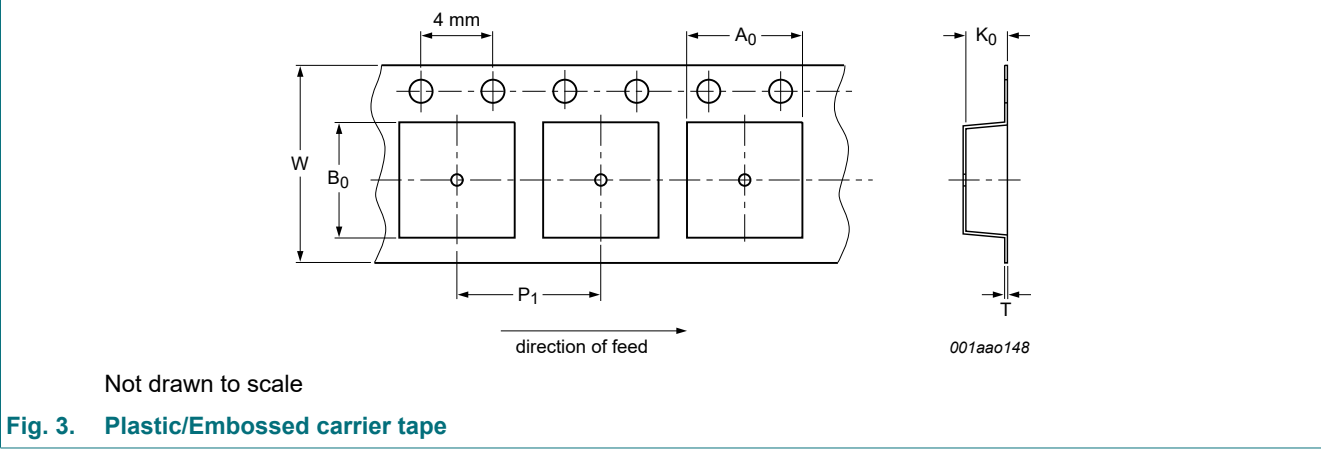


Table 2. Carrier tape dimensions
In accordance with IEC 60286-3

A ₀ (mm)	B ₀ (mm)	K ₀ (mm)	T (mm)	P ₁ (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 +0.3 / -0.1

4. Reel dimensions

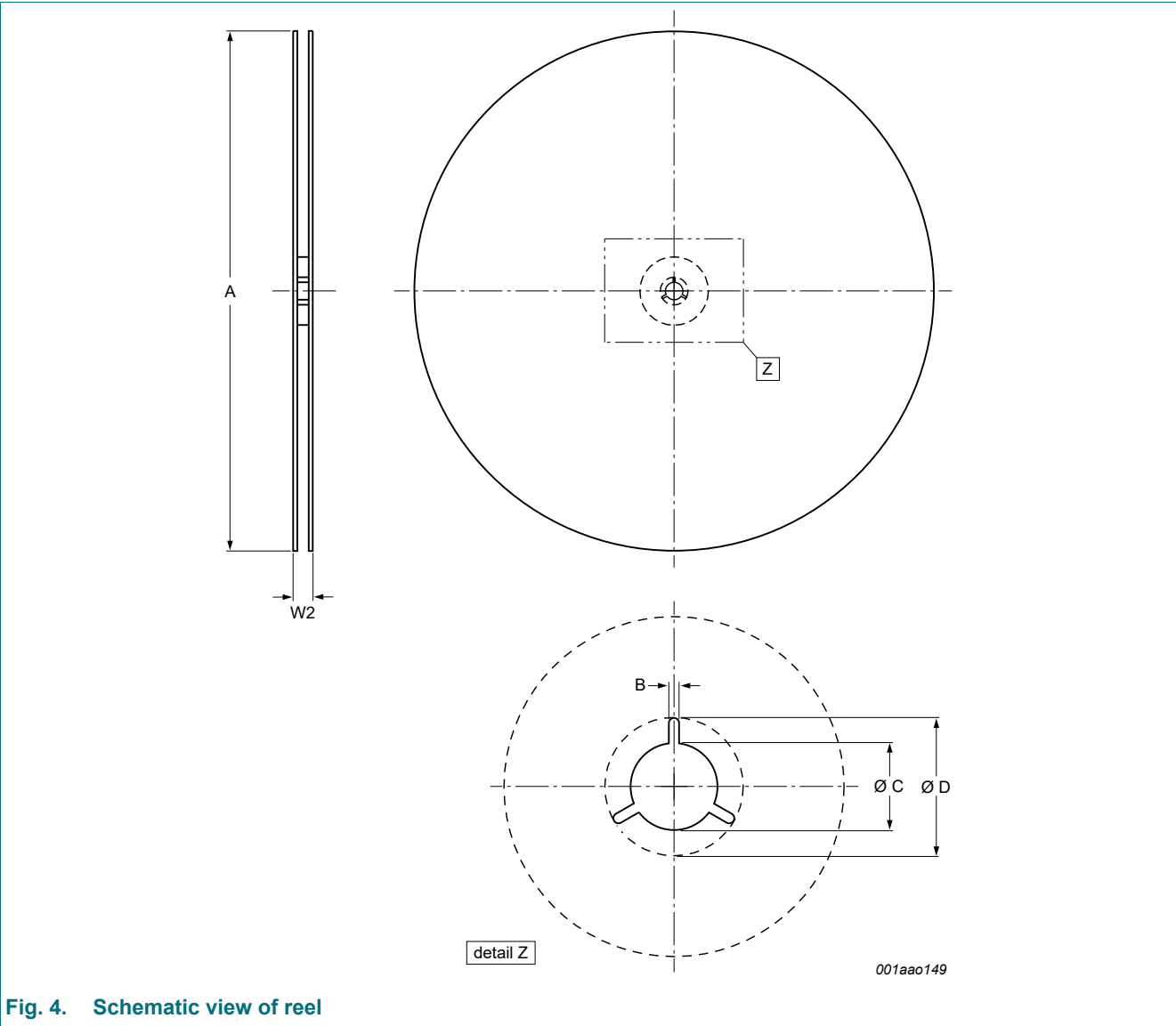


Fig. 4. Schematic view of reel

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)
330	22.4	1.5	12.8	20.2

5. Barcode label

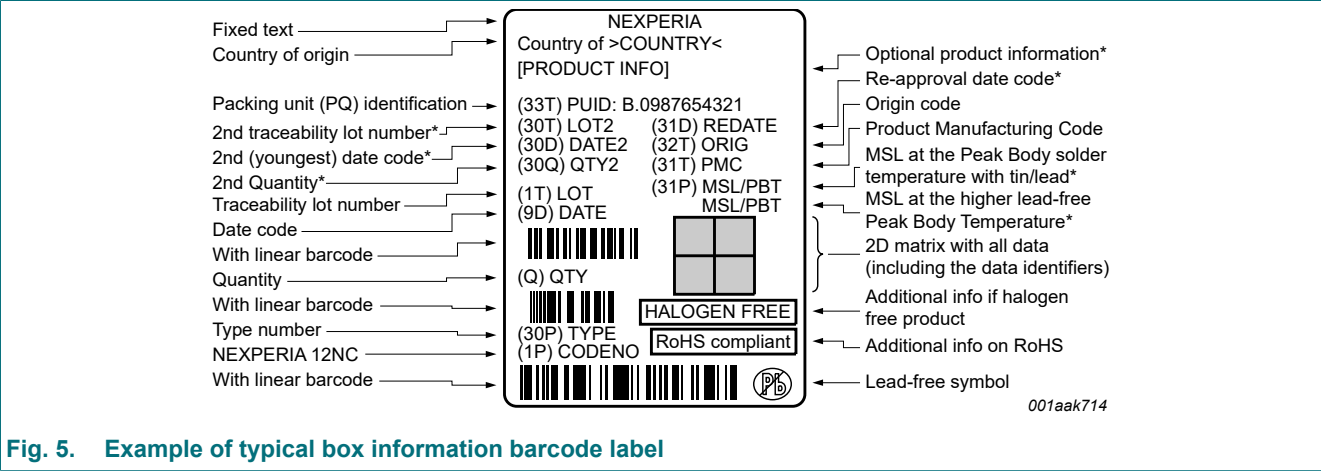


Table 4. Barcode label dimensions

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. 6	20220610	<ul style="list-style-type: none">Packing type 653 is added to this packing information document	SOT109-1_118 v. 5
SOT109-1_118 v. 5	20200117	<ul style="list-style-type: none">The format of this packing information document has been redesigned to comply with the identity guidelines of NexperiaFig.1: Updated packing method drawingTable 1: Outer box dimensions updatedTable 2: Tolerances added to carrier tape dimensionsTable 3: Updated reel dimensionsSection 5: Updated barcode label and dimensionsLegal texts have been adapted to the new company name where appropriate	SOT109-1_118 v.4
SOT109-1_118 v.4	20130424	-	SOT109-1_118 v.3

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