



SOT1023

LFPK56; Reel pack for SMD, 7"; Q1/T1 product orientation

Rev. 4.0 — 26 May 2022

Packing information

1. Packing method

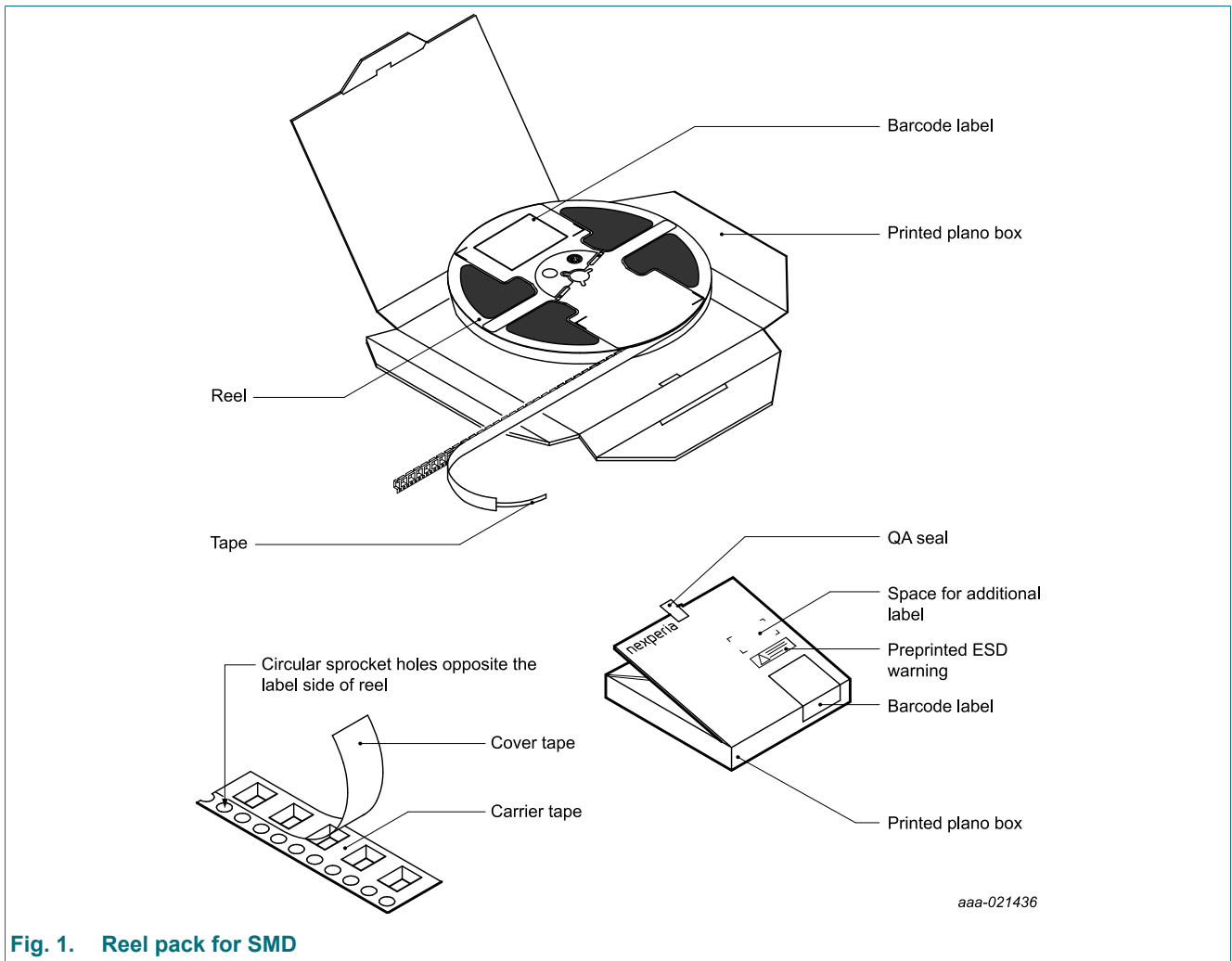


Fig. 1. Reel pack for SMD

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]
SOT1023	115	115 or X	180 x 12	1500	1	189 x 186 x 25.3

[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

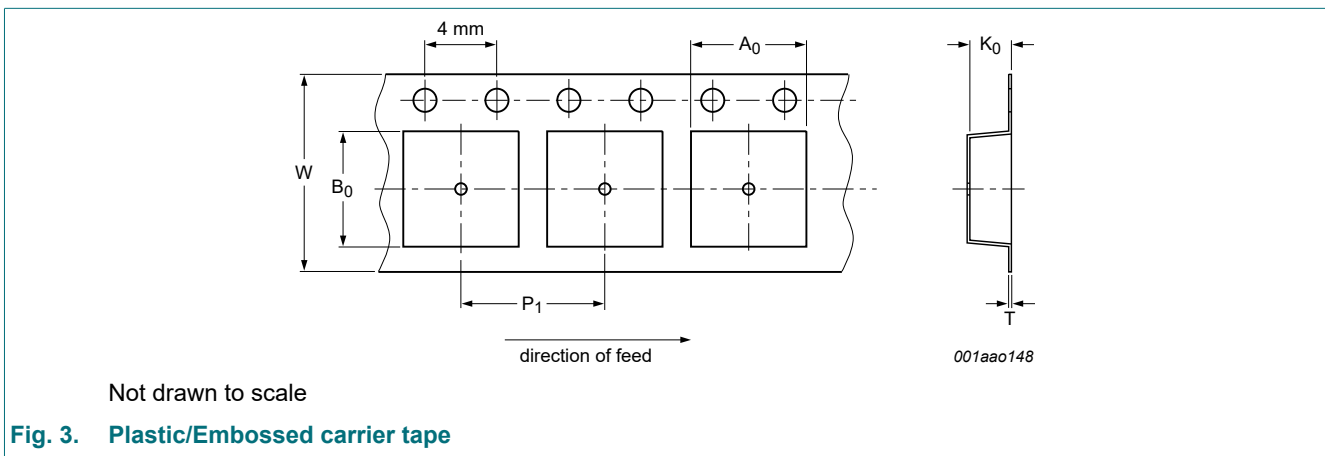


Table 2. Carrier tape dimensions

In accordance with IEC 60286-3

A ₀ (mm)	B ₀ (mm)	K ₀ (mm)	T (mm)	P ₁ (mm)	W (mm)
6.50 ± 0.10	5.30 ± 0.10	1.40 ± 0.10	0.30 ± 0.05	8.0 ± 0.10	12.0 +0.3 / -0.1

4. Reel dimensions

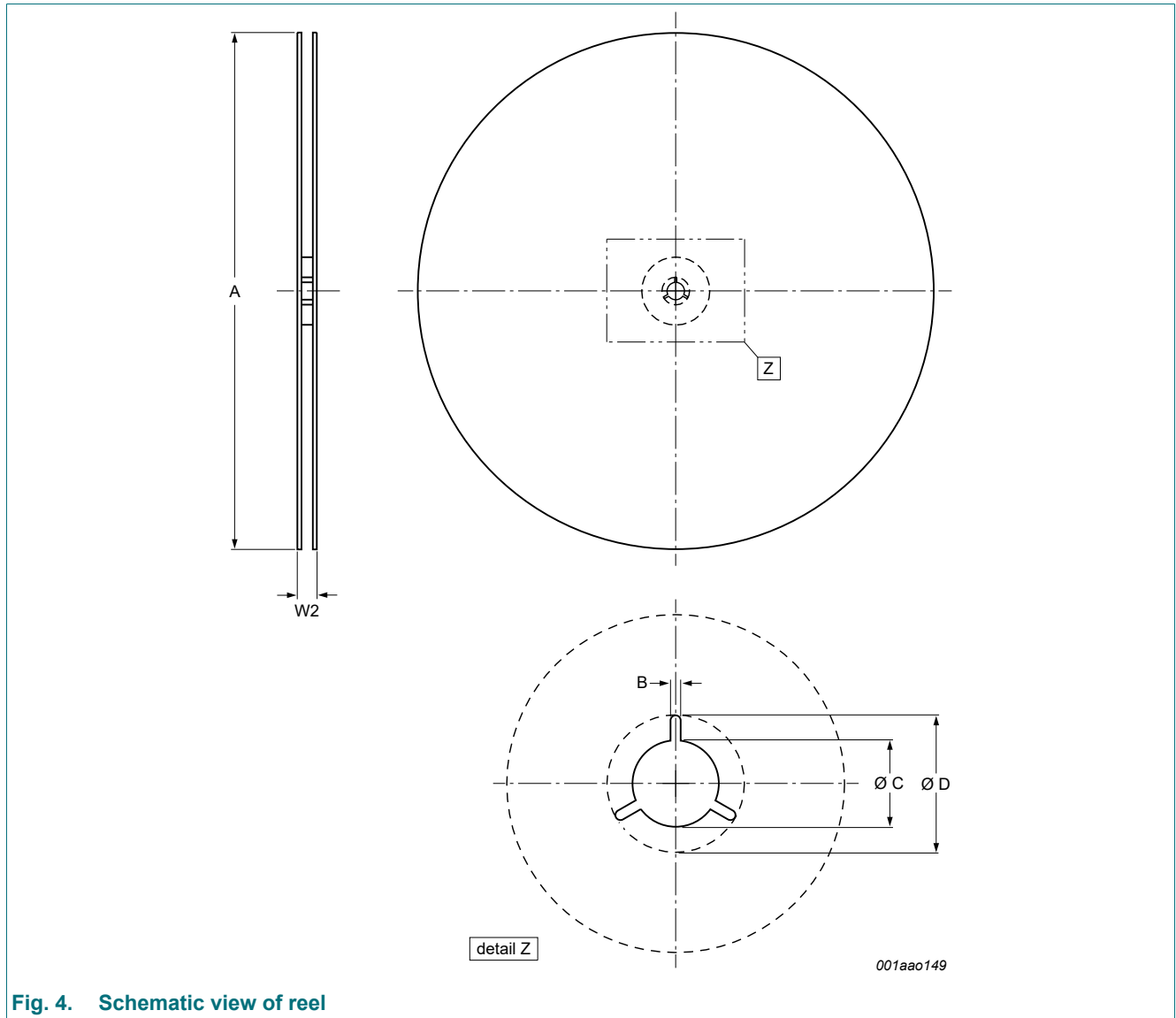


Fig. 4. Schematic view of reel

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

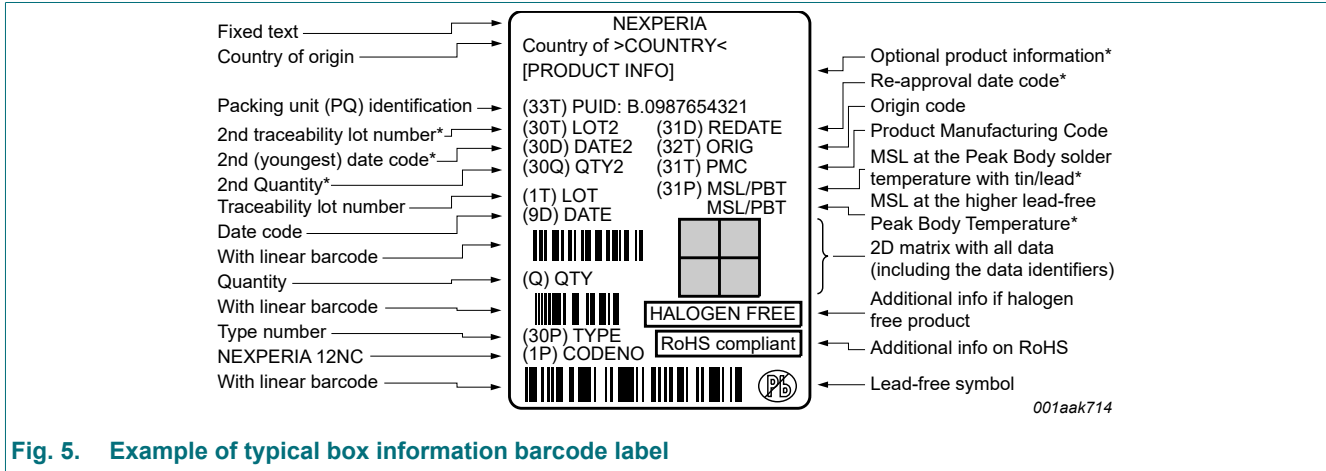


Fig. 5. Example of typical box information barcode label

Table 4. Barcode label dimensions

Box barcode label l × w (mm)	Reel barcode label l × w (mm)
100 × 75	100 × 75

6. Revision history

Table 5. Revision history

Document ID	Release date	Modifications	Supersedes
SOT1023_115 v. 4	20220526	<ul style="list-style-type: none"> The format of this packing document has been redesigned to comply with the new identity guidelines of Nexperia. Legal texts have been adapted to the new company name where appropriate 	SOT1023_115 v. 3
SOT1023_115 v. 3	20160909	<ul style="list-style-type: none"> Lightweight reel packing; see Figure 1 "Reel pack for SMD: Lightweight reel" Outer box dimensions corrected; see Table 1 "Dimensions and quantities" Product orientation drawing changed; see Figure 2 "Product orientation in carrier tape" Carrier tape dimension update, see Table 2 "Carrier tape dimensions" Section 5 "Barcode label" adjusted 	SOT1023_115 v. 2
SOT1023_115 v. 2	20160825	<ul style="list-style-type: none"> The format of this packing document has been redesigned to comply with the new identity guidelines of NXP Semiconductors. Legal texts have been adapted to the new company name where appropriate. The document is updated to include standard sections 	SOT1023_115 v. 1
SOT1023_115 v. 1	20120926	<ul style="list-style-type: none"> Initial issue 	-

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