SOT1161-1

XQFN16; Reel pack for SMD, 7"; Q1/T1 product orientation

Rev. 2 — 9 October 2025

1. Packing method

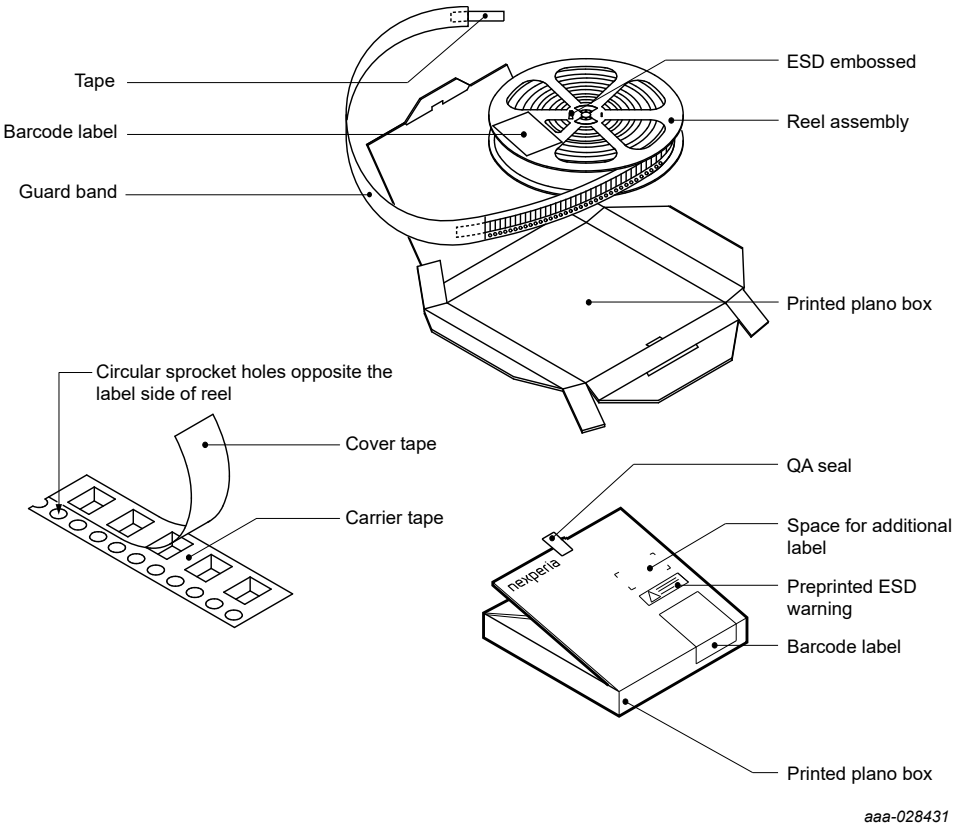


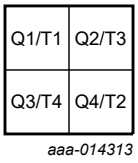
Fig. 1. Reel pack for SMD

Table 1. Dimensions and quantities

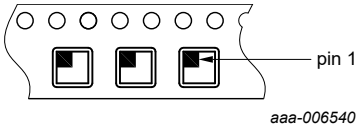
Package version	12 NC ending	Orderable part number ending	Reel dimensions d × w (mm)[1]	SPQ/PQ (pcs)[2]	Reels per box	Outer box dimensions l × w × h (mm)[3]
SOT1161-1	184	184 or Z	180 x 12	4000	1	190 x 187 x 26

[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



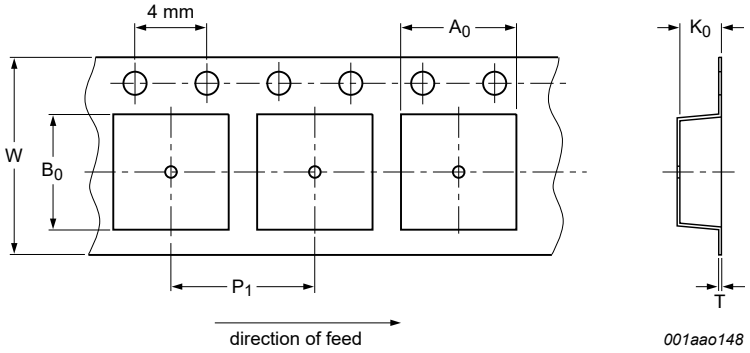
Tape pocket quadrants



Pin 1 is in quadrant Q1/T1

Fig. 2. Product orientation in carrier tape

3. Carrier tape dimensions



Not drawn to scale

Fig. 3. Plastic/Embossed carrier tape

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)
2.0 ± 0.1	2.8 ± 0.1	0.75 ± 0.10	0.30 ± 0.05	4.0 ± 0.1	12.0 +0.3/-0.1

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4. Reel dimensions

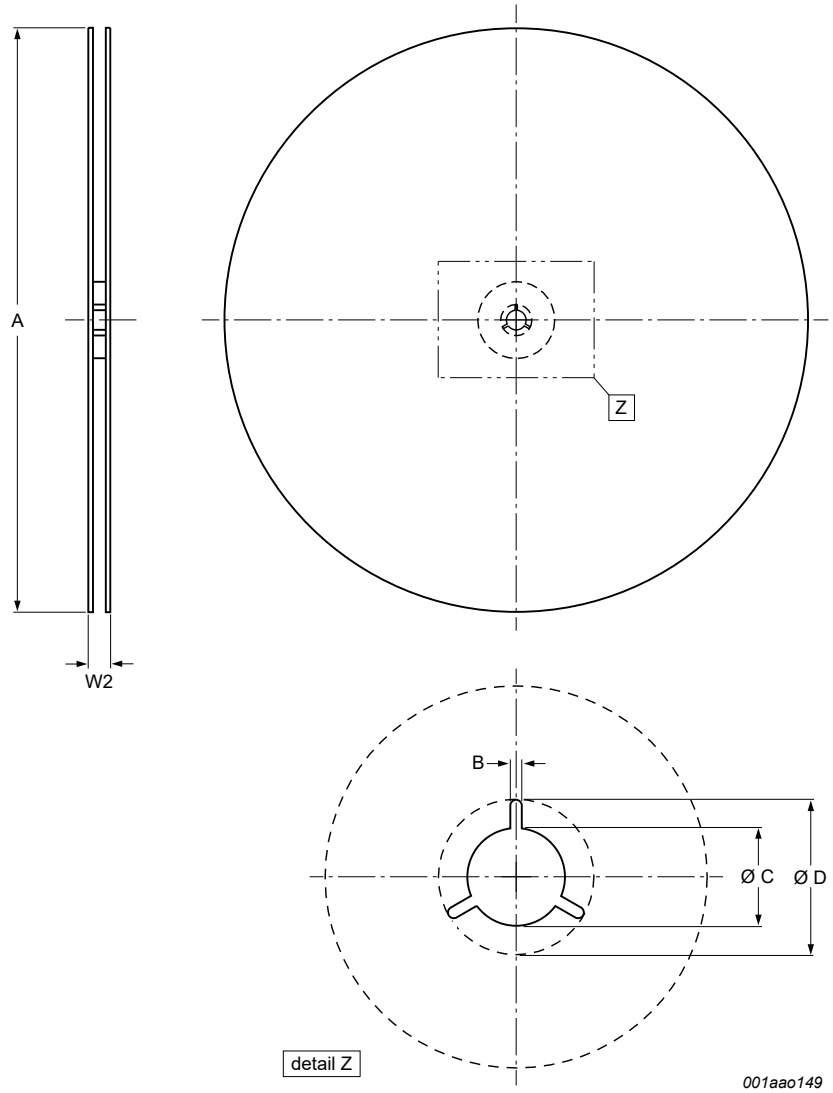

Fig. 4. Schematic view of reel

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

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5. Barcode label

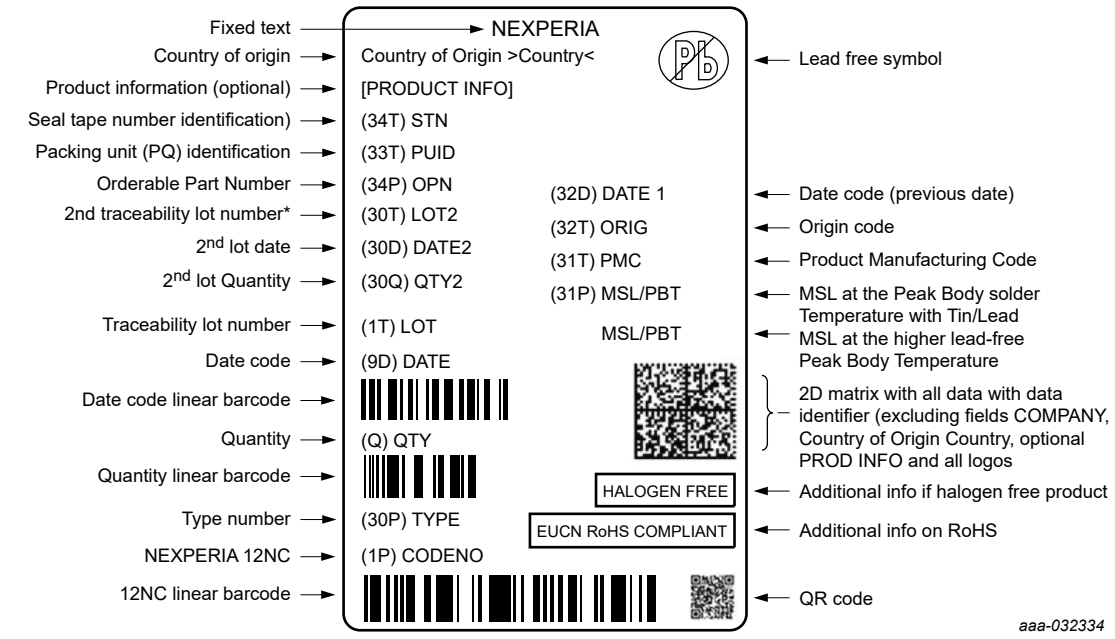

Fig. 5. Example of typical box information barcode label

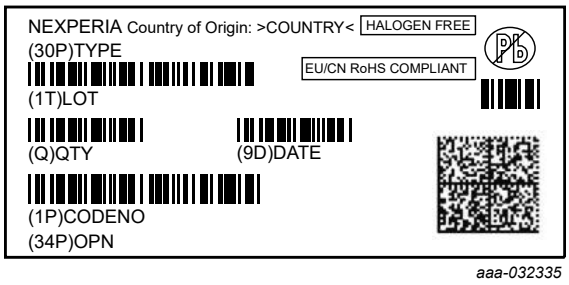

Fig. 6. Example of typical reel information barcode label

Table 4. Barcode label dimensions

Box barcode label l × w (mm)	Reel barcode label l × w (mm)
100 × 75	36 × 75 or 50 x 75

6. Revision history

Table 5. Revision history

Document ID	Release date	Modifications	Supersedes
SOT1161-1_184 v.2	20251009	• Barcode label: Updated "Barcode label", added (34P) OPN, 2D matrix code to Reel label, QR code to Box label. • Table 1 : Add Reel label size 50 x 75 as an alternative	SOT1161-1_184 v.1
SOT1161-1_184 v.1	20240104	-	-

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