



# SOT96-2

SO8; Reel dry pack for SMD, 13"; Q1/T1 product orientation

Rev. 2 — 27 June 2025

Packing information

## 1. Packing method

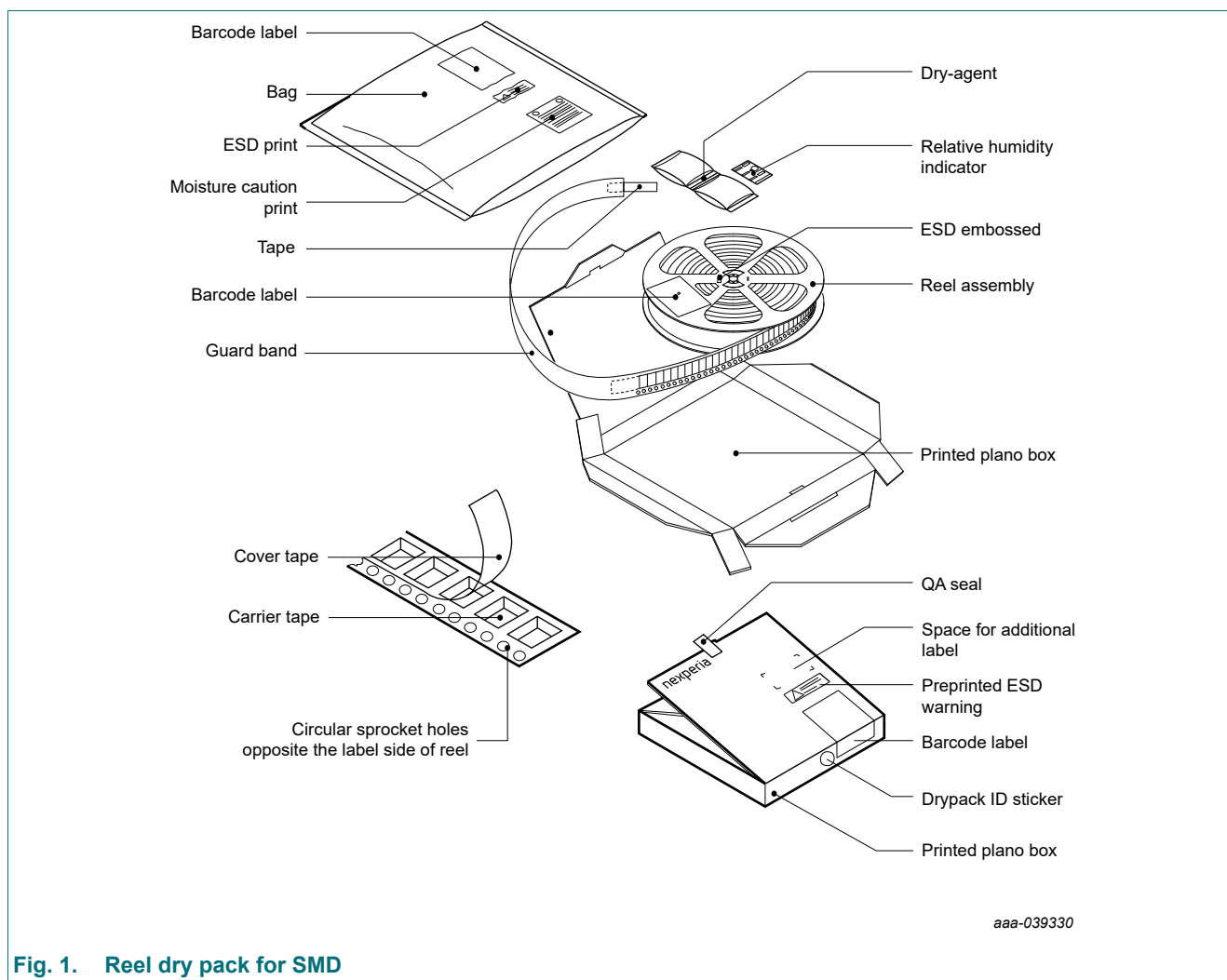


Fig. 1. Reel dry pack for SMD

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]
SOT96-2	518	518 or Y	330 x 12	4000	1	340 x 338 x 39

[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

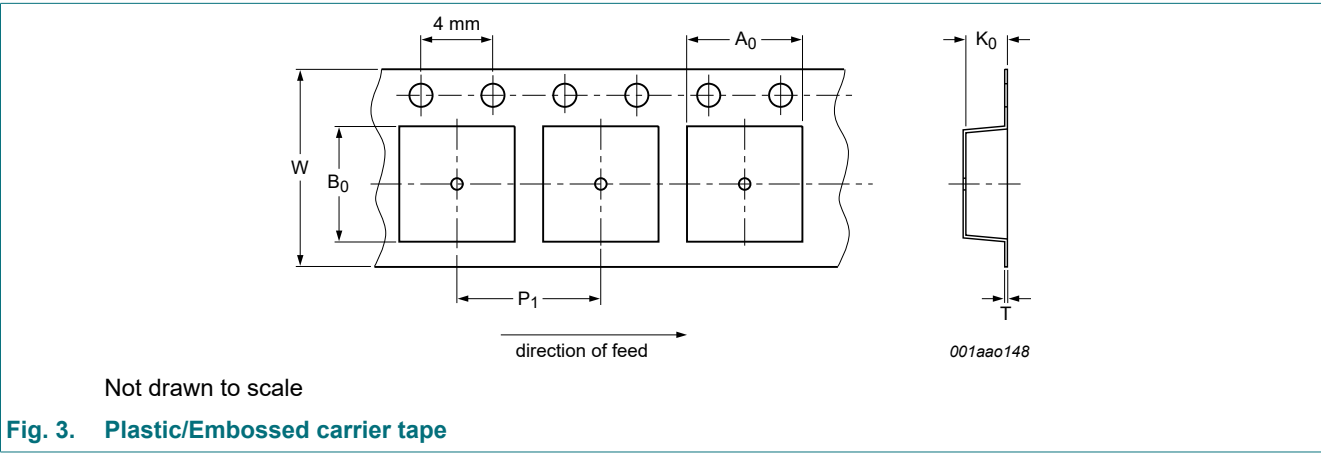


Table 2. Carrier tape dimensions  
In accordance with IEC 60286-3

A <sub>0</sub> (mm)	B <sub>0</sub> (mm)	K <sub>0</sub> (mm)	T (mm)	P <sub>1</sub> (mm)	W (mm)
6.4 ± 0.1[1]	5.4 ± 0.1	2.1 ± 0.1	0.25 ± 0.03	8.0 ± 0.1	12.0 ± 0.3
6.55 ± 0.10[2]	5.4 ± 0.10	1.9 ± 0.10	0.25 ± 0.05	8.0 ± 0.1	12.0 ± 0.3

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

4. Reel dimensions

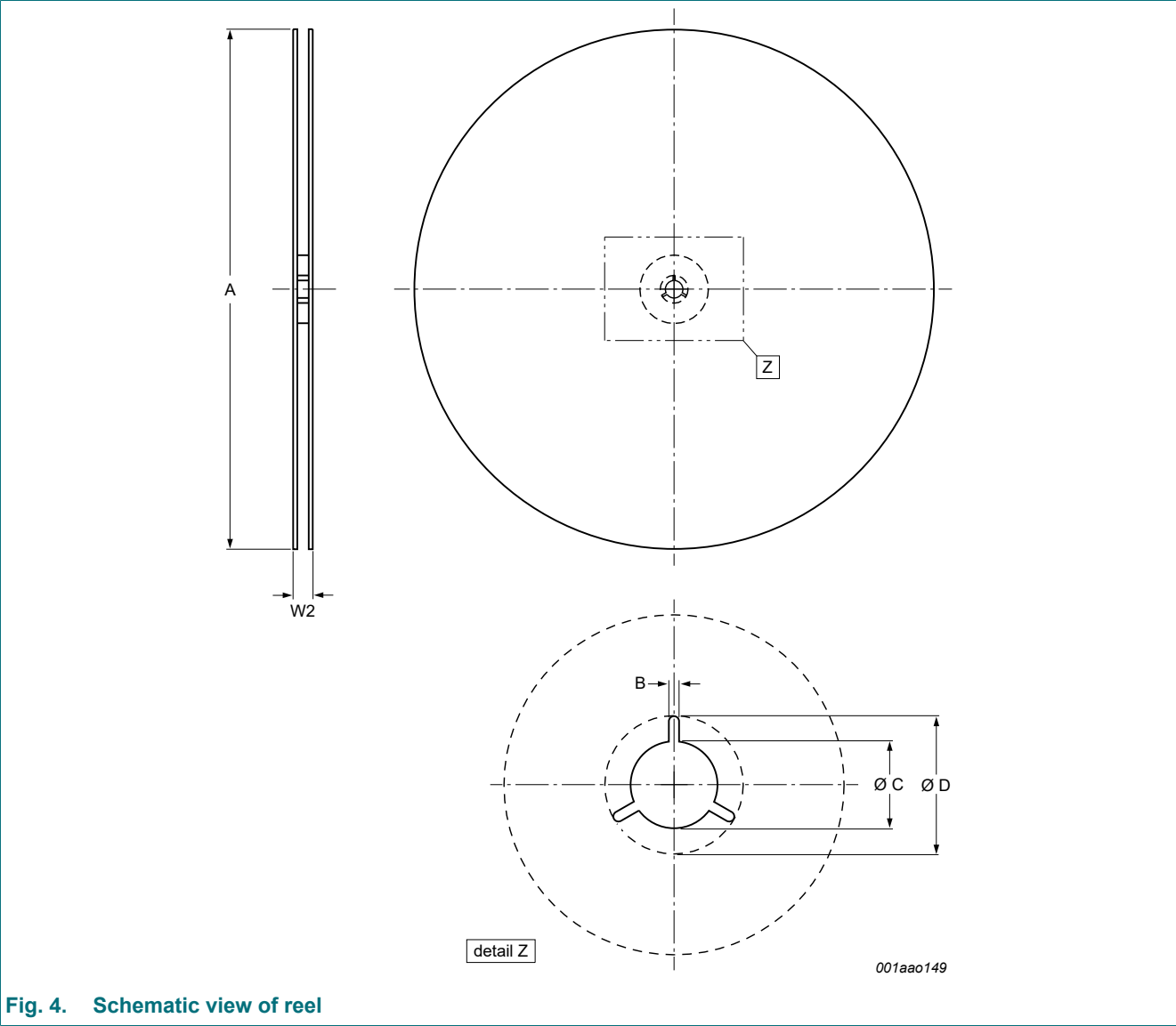


Fig. 4. Schematic view of reel

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	18.4	1.5	12.8	20.2

5. Barcode label

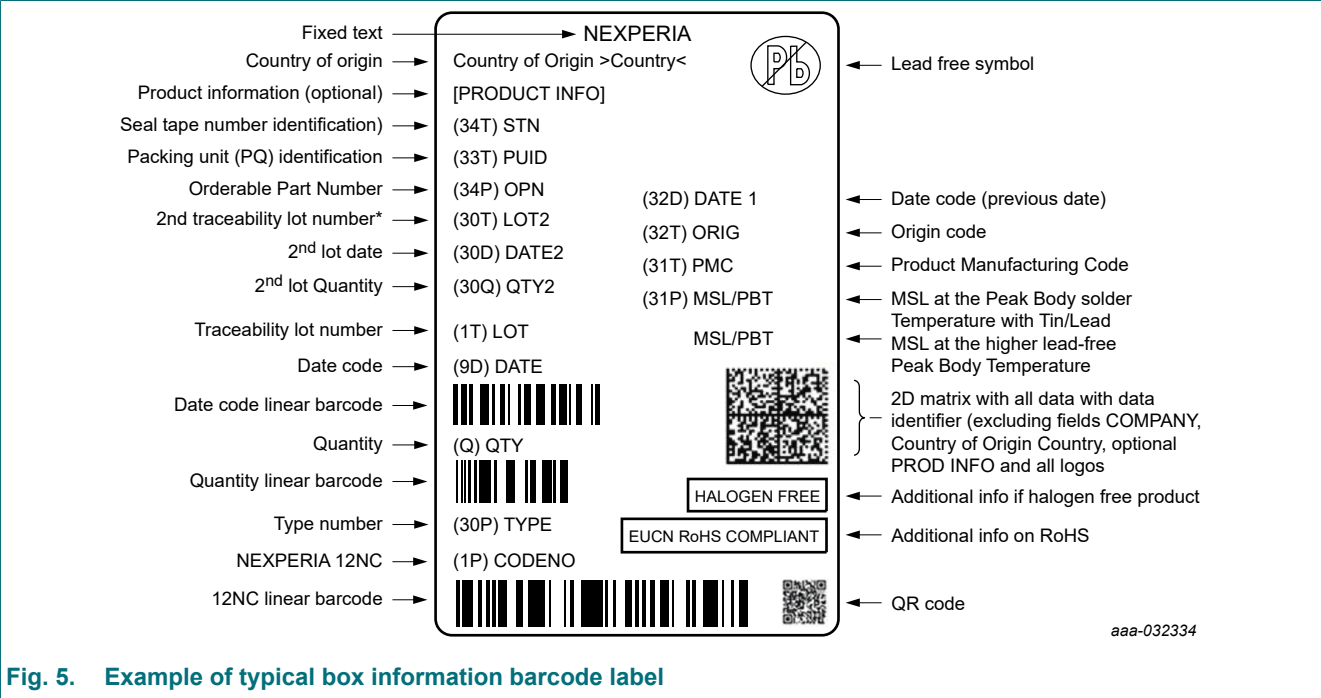


Fig. 5. Example of typical box information barcode label



Fig. 6. Example of typical reel information barcode label

Table 4. Barcode label dimensions

Box barcode label l × w (mm)	Reel & Bag barcode label l × w (mm)
100 × 75	36 × 75

6. Revision history

Table 5. Revision history

Document ID	Release date	Modifications	Supersedes
SOT96-2_518 v.2	20250627	• <a href="#">Table 2</a> : Added alternative carrier tape dimensions in Table 2.	SOT96-2_518 v.1
SOT96-2_518 v.1	20241204	-	-

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