



SOD523

Reel pack for SMD, 11"; Q1/T1-Q2/T3 product orientation

Rev. 3 — 5 February 2021

Packing information

1. Packing method

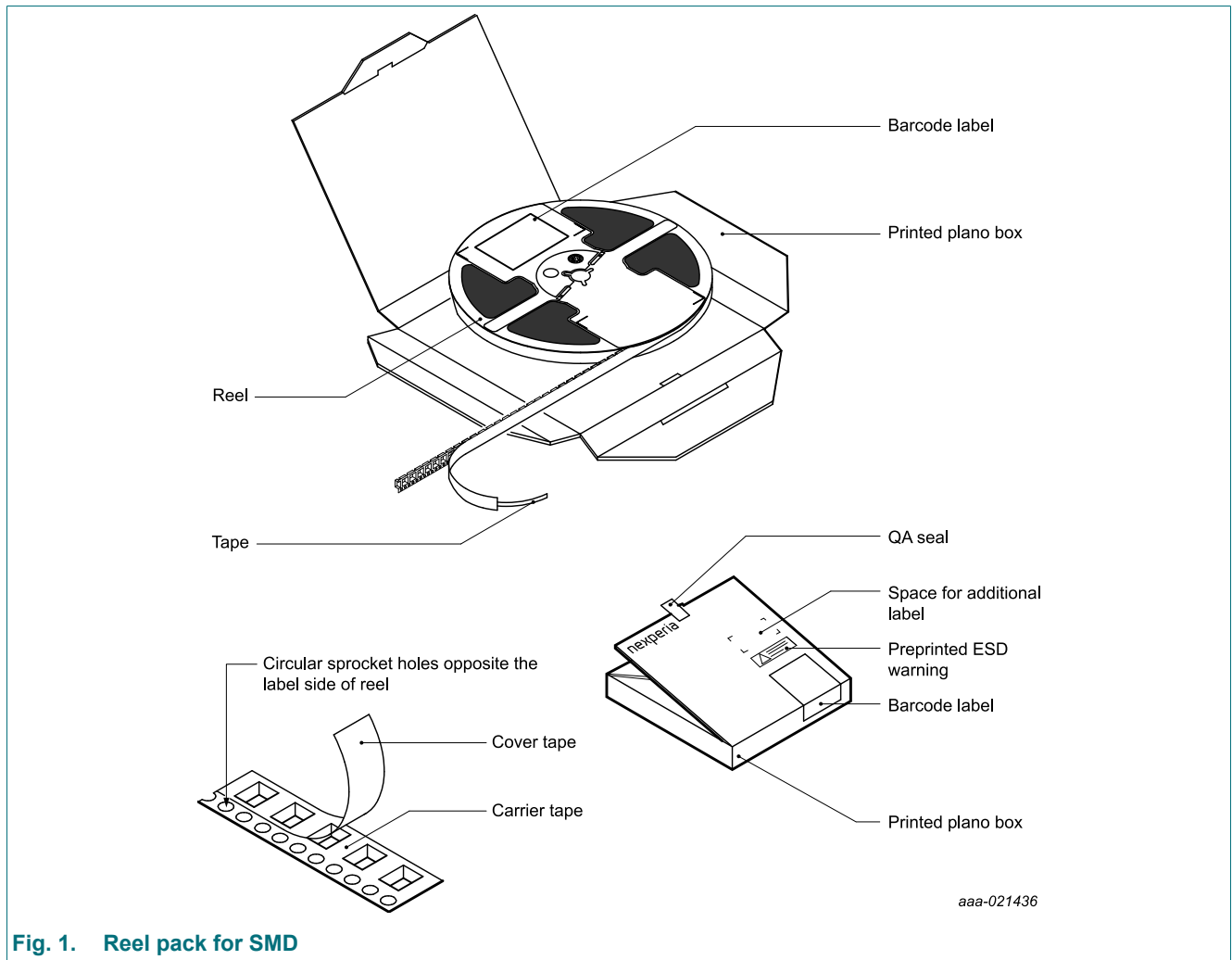


Fig. 1. Reel pack for SMD

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]
SOD523	135	135 or F	286 x 8	10 000	1	291 x 290 x 17

[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

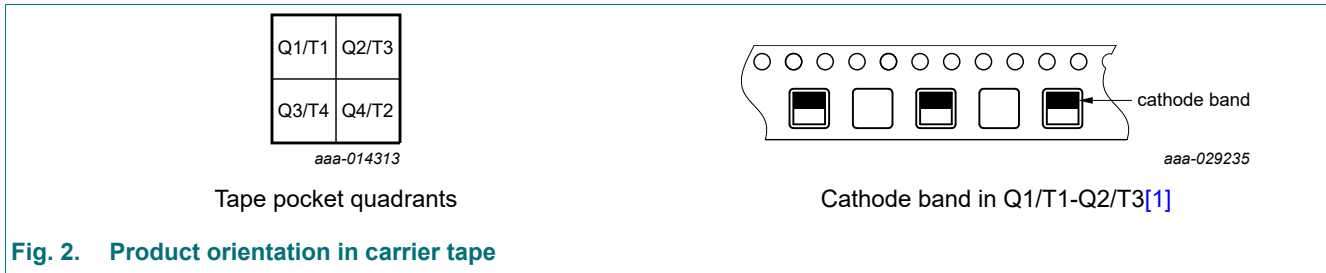


Fig. 2. Product orientation in carrier tape

[1] Only one product in every 2nd pocket

3. Carrier tape dimensions

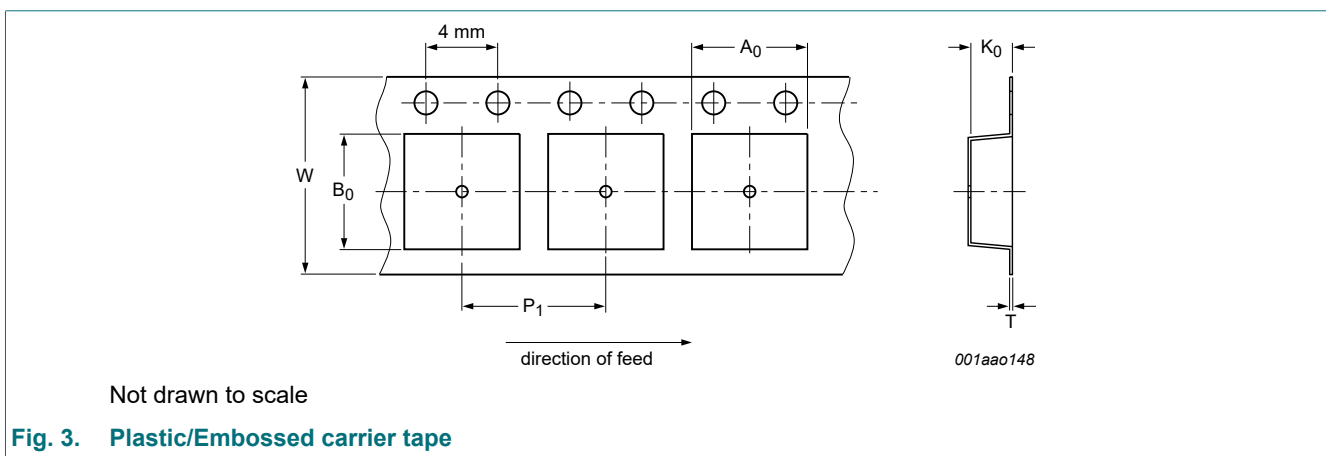


Fig. 3. Plastic/Embossed carrier tape

Table 2. Carrier tape dimensions

In accordance with IEC 60286-3

A ₀ (mm)	B ₀ (mm)	K ₀ (mm)	T (mm)	P ₁ [1](mm)	W (mm)
0.93 ± 0.05	1.95 ± 0.05	0.73 ± 0.05	0.20 ± 0.02	2.00 ± 0.05	8.0 + 0.3 / - 0.1

[1] P₁ is pocket pitch, product pitch = 4 mm

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)
286	14.4	1.5	12.8	20.2

5. Barcode label

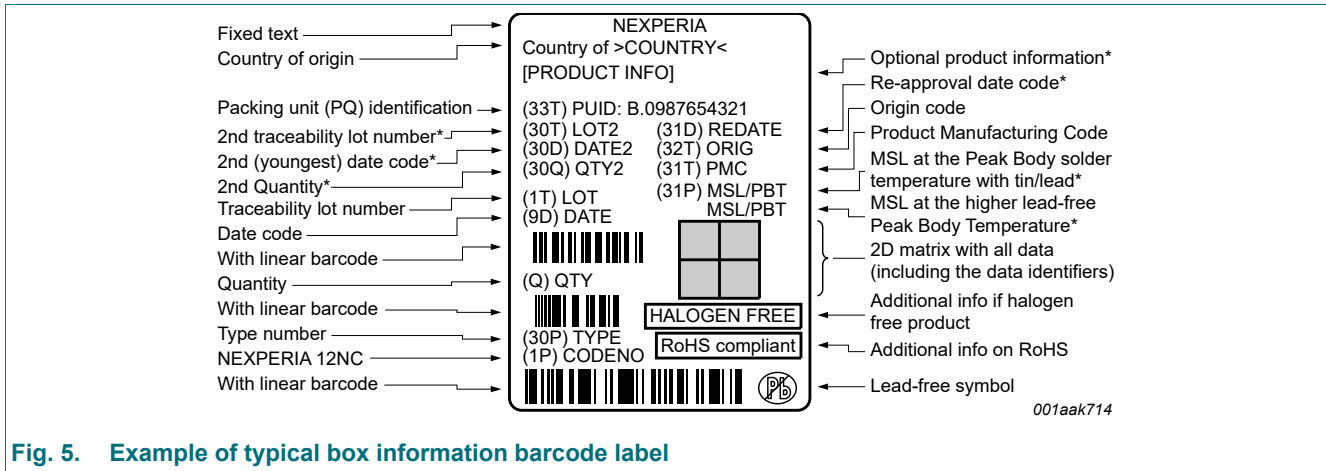


Fig. 5. Example of typical box information barcode label



Fig. 6. Example of typical reel information barcode label

Table 4. Barcode label dimensions

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

6. Revision history

Table 5. Revision history

Document ID	Release date	Modifications	Supersedes
SOD523_135 v. 3	20210205	<ul style="list-style-type: none"> The format of this packing information document has been redesigned to comply with the identity guidelines of Nexperia. Table 1: Outer box dimensions updated. Fig. 2 and Table 2: Added remarks for product pitch. Legal texts have been adapted to the new company name where appropriate. 	SOD523_135 v. 2
SOD523_135 v. 2	20181022	<ul style="list-style-type: none"> Updated to Nexperia template with corrected packing information. 	SOD523_135 v. 1
SOD523_135 v. 1	20121015	-	-

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