

Important notice

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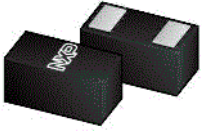
Should be replaced with:

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If you have any questions related to the data sheet, please contact our nearest sales office via e-mail or telephone (details via salesaddresses@nexperia.com). Thank you for your cooperation and understanding,

Kind regards,

Team Nexperia



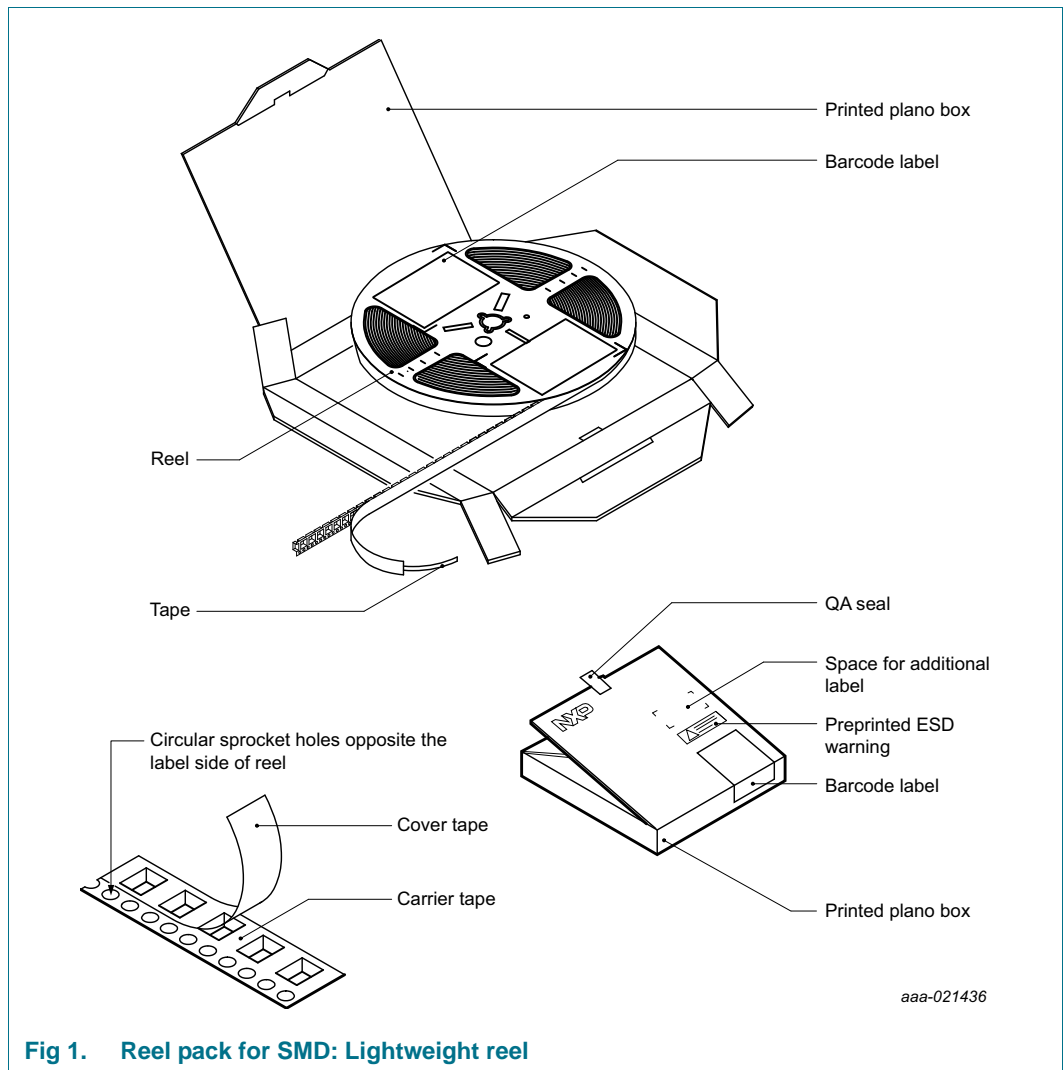
SOD962

Leadless ultra small package; Reel pack, SMD, 7"
Q1/T1 standard product orientation
Orderable part number ending ,315 or YL
Ordering code (12NC) ending 315

Rev. 2 — 20 October 2016

Packing information

1. Packing method



Leadless ultra small package; Reel pack, SMD, 7"
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 Ordering code (12NC) ending 315

Table 1. Dimensions and quantities

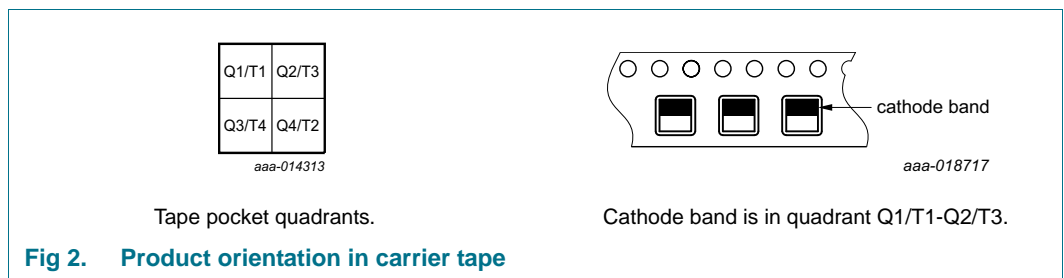
Reel dimensions d × w (mm) [1]	SPQ/PQ (pcs) [2]	Reels per box	Outer box dimensions l × w × h (mm)
180 × 8	9000	1	187 × 187 × 18

[1] d = reel diameter; w = tape width.

[2] Packing quantity dependent on specific product type.

View ordering and availability details at [NXP order portal](#), or contact your local NXP representative.

2. Product orientation



3. Carrier tape dimensions

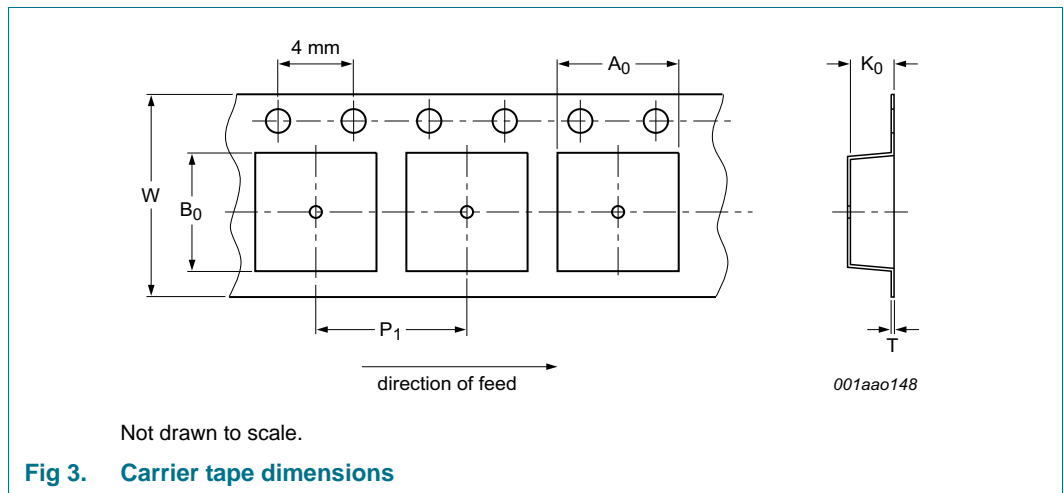


Table 2. Carrier tape dimensions

In accordance with IEC 60286-3.

A ₀ (mm)	B ₀ (mm)	K ₀ (mm)	T (mm)	P ₁ (mm)	W (mm)
0.34 ± 0.02	0.67 ± 0.03	0.35 ± 0.03	0.20 ± 0.02	2.0 ± 0.1	8.0 ± 0.1

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4. Reel dimensions

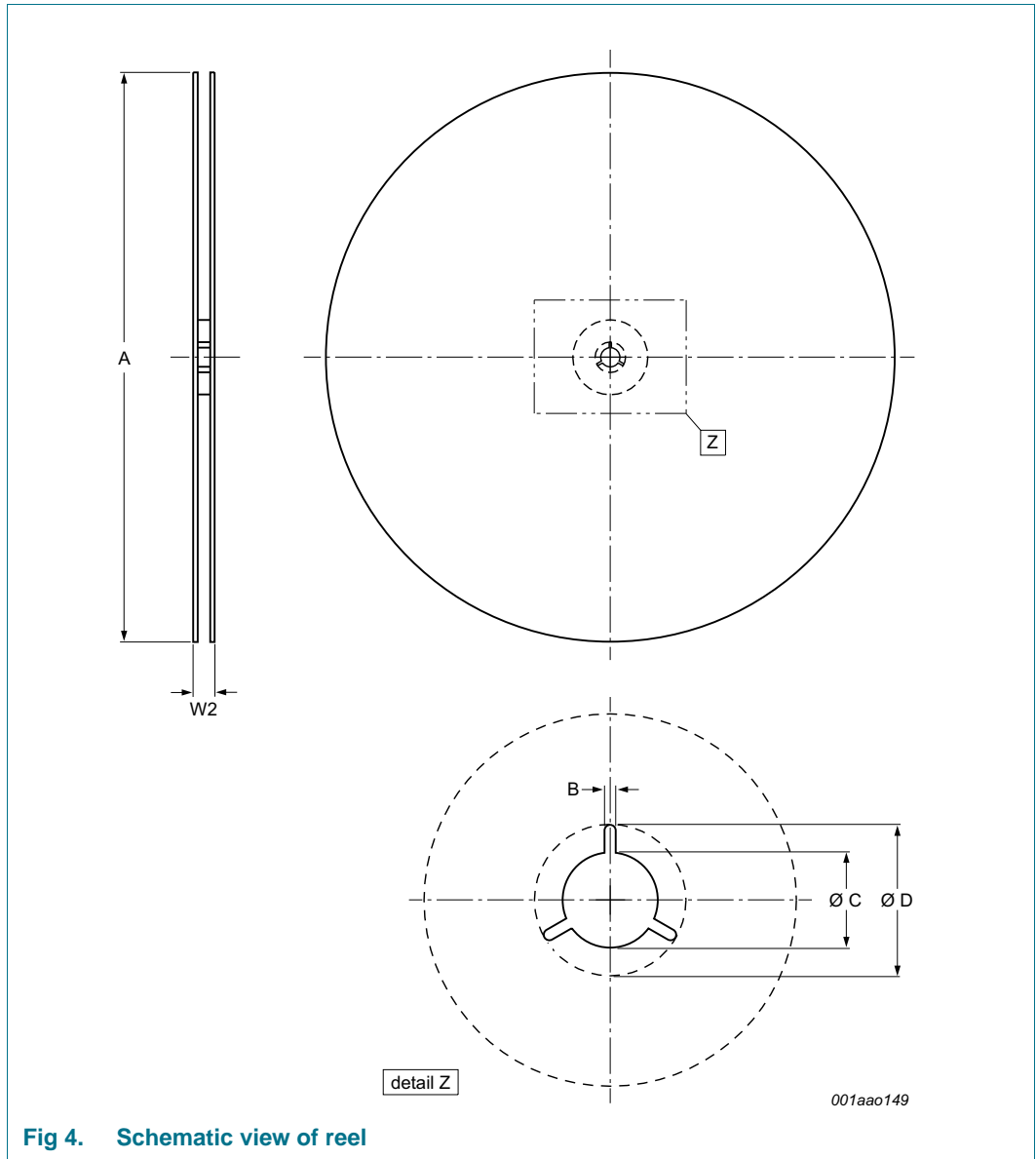


Fig 4. Schematic view of reel

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	14.4	1.5	12.8	20.2

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5. Barcode label

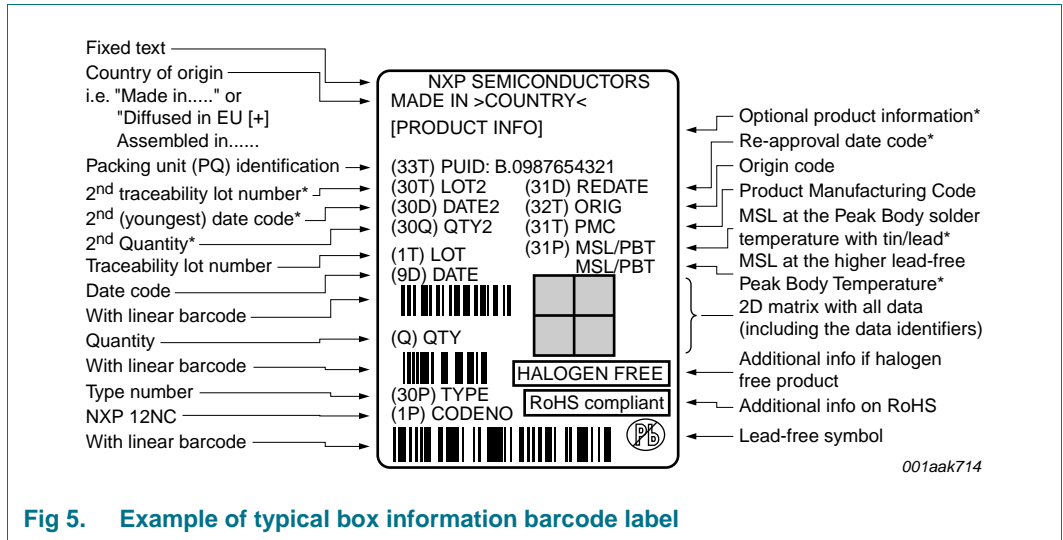


Fig 5. Example of typical box information barcode label

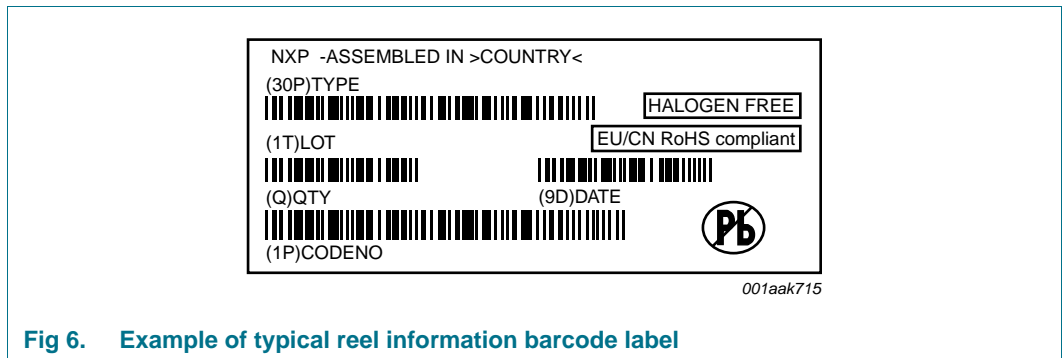


Fig 6. Example of typical reel information barcode label

Table 4. Barcode label dimensions

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

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6. Revision history

Table 5. Revision history

Document ID	Release date	Packing document status	Change notice	Supersedes
SOD962_315 v.2 ^[1]	20161020	Packing information	-	-
Modifications:	<ul style="list-style-type: none"> • Light weight reel packing, see Figure 1 “Reel pack for SMD: Lightweight reel” • The format of this packing document has been redesigned to comply with the new identity guidelines of NXP Semiconductors. • Carrier tape dimension update; see Table 2 “Carrier tape dimensions” • Figure 5 “Example of typical box information barcode label” added. 			

[1] This is a released product already using 3NC of 315. BL agreed to keep 315 for all DSN in Q1/T1 to maintain consistency.

Limited warranty and liability

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