

Important notice

Dear Customer,

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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



SOT338-1

SSOP16; Reel pack, SMD, 13"
Q1/T1 standard product orientation
Orderable part number ending ,431 or Z
Ordering code (12NC) ending 431

Rev. 1 — 5 October 2016

Packing information

1. Packing method

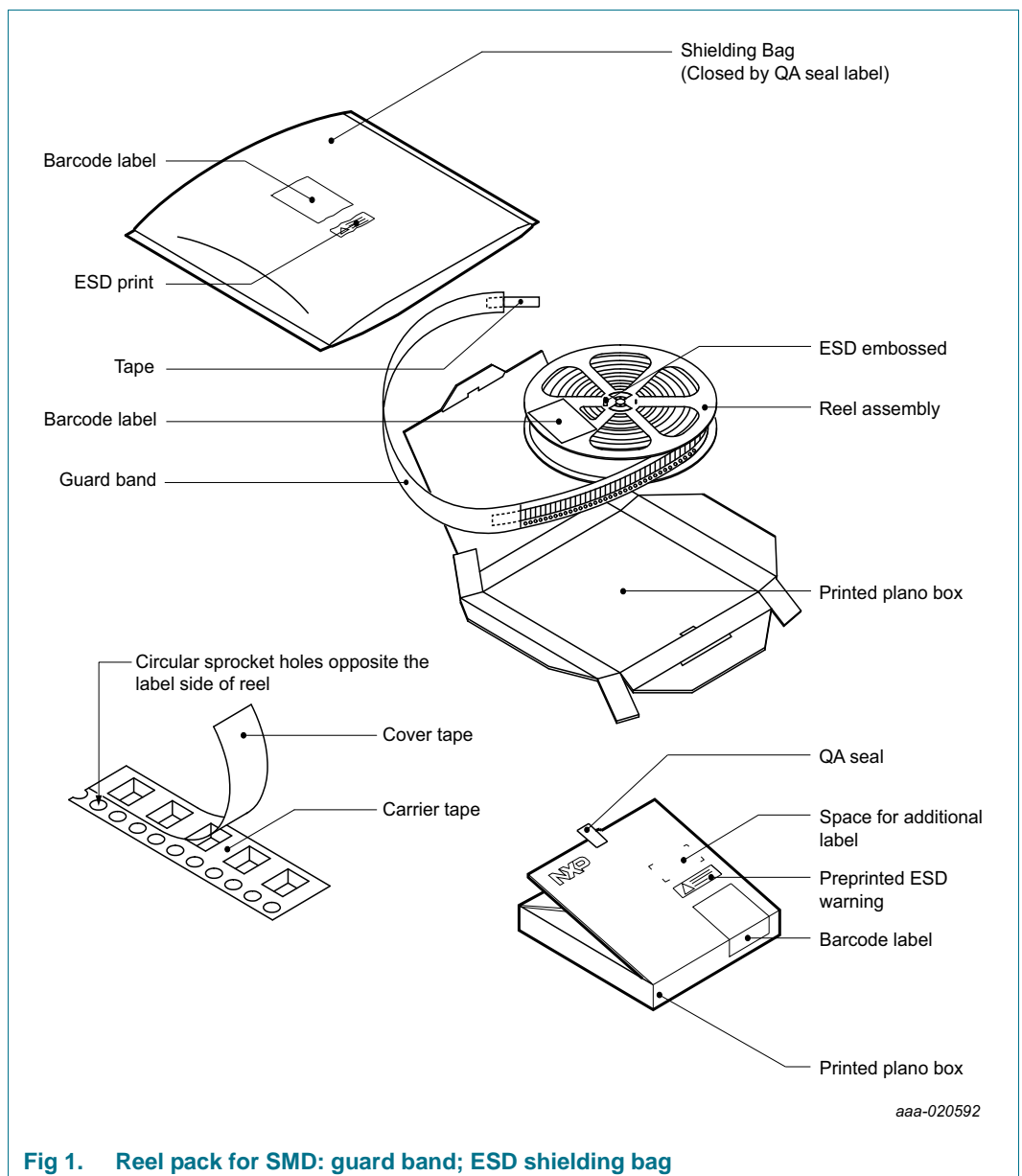


Fig 1. Reel pack for SMD: guard band; ESD shielding bag



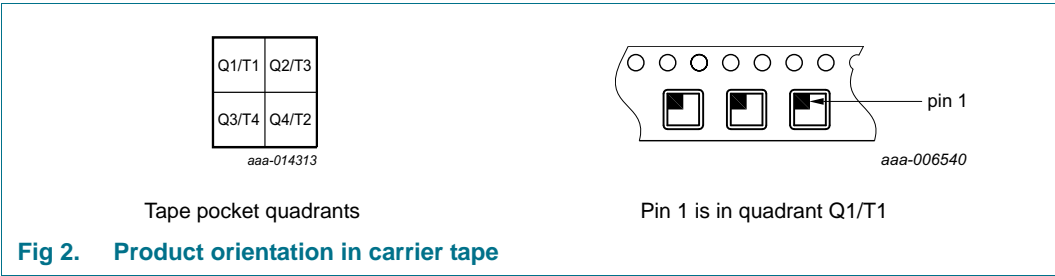
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Table 1. Dimensions and quantities

| Reel dimensions d × w (mm) [1] | SPQ/PQ (pcs) [2] | Reels per box | Outer box dimensions l × w × h (mm) |
|-----------------------------------|---------------------|------------------|--|
| 330 × 16 | 2000 | 1 | 342 × 338 × 31 |

- [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

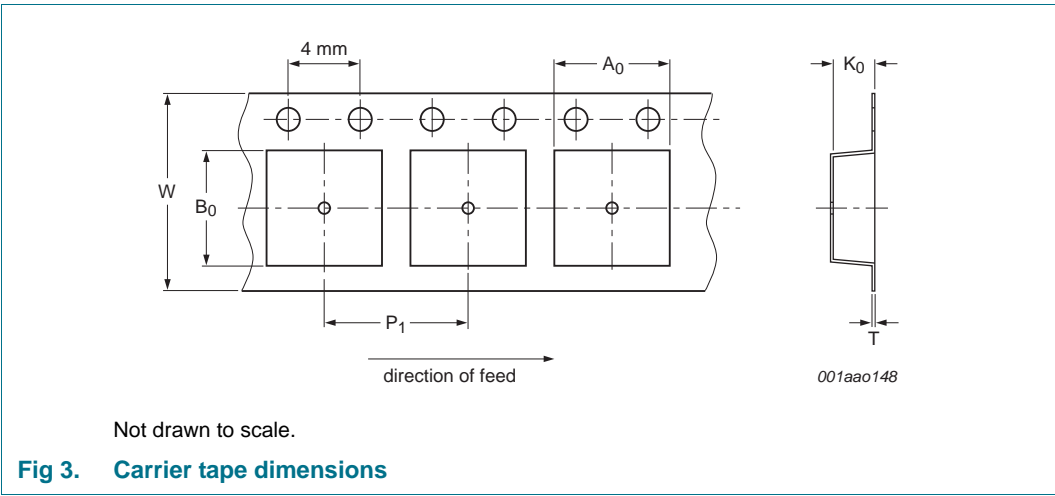


Table 2. Carrier tape dimensions

In accordance with IEC 60286-3.

| A ₀ (mm) | B ₀ (mm) | K ₀ (mm) | T (mm) | P ₁ (mm) | W (mm) |
|---------------------|---------------------|---------------------|-------------|---------------------|------------|
| 8.20 ± 0.10 | 6.70 ± 0.10 | 2.50 ± 0.10 | 0.30 ± 0.05 | 12.0 ± 0.1 | 16.0 ± 0.3 |

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4. Reel dimensions

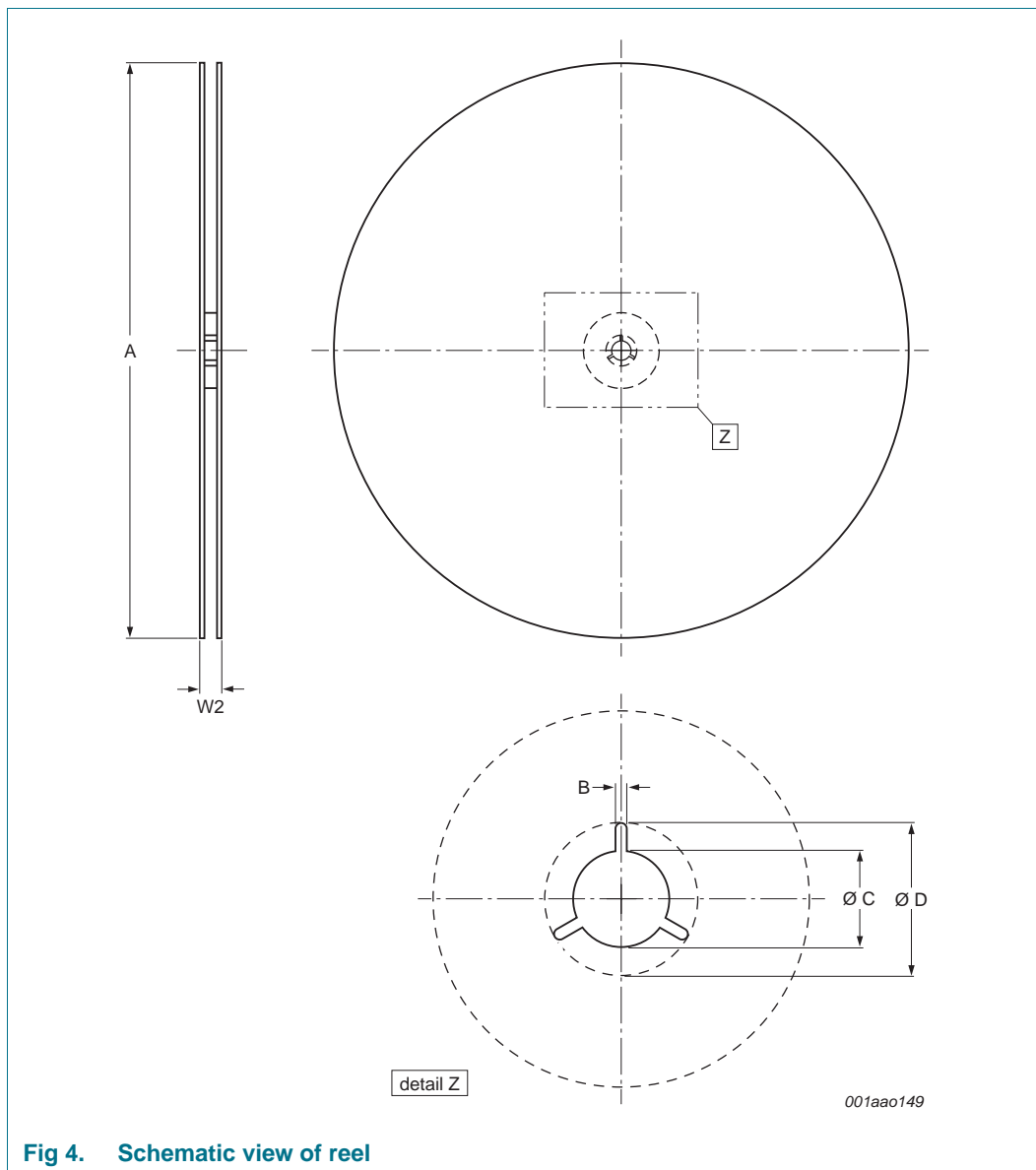


Table 3. Reel dimensions
 In accordance with IEC 60286-3.

| A [nom] (mm) | W2 [max] (mm) | B [min] (mm) | C [min] (mm) | D [min] (mm) |
|-----------------|------------------|-----------------|-----------------|-----------------|
| 330 | 22.4 | 1.5 | 12.8 | 20.2 |

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5. Barcode label

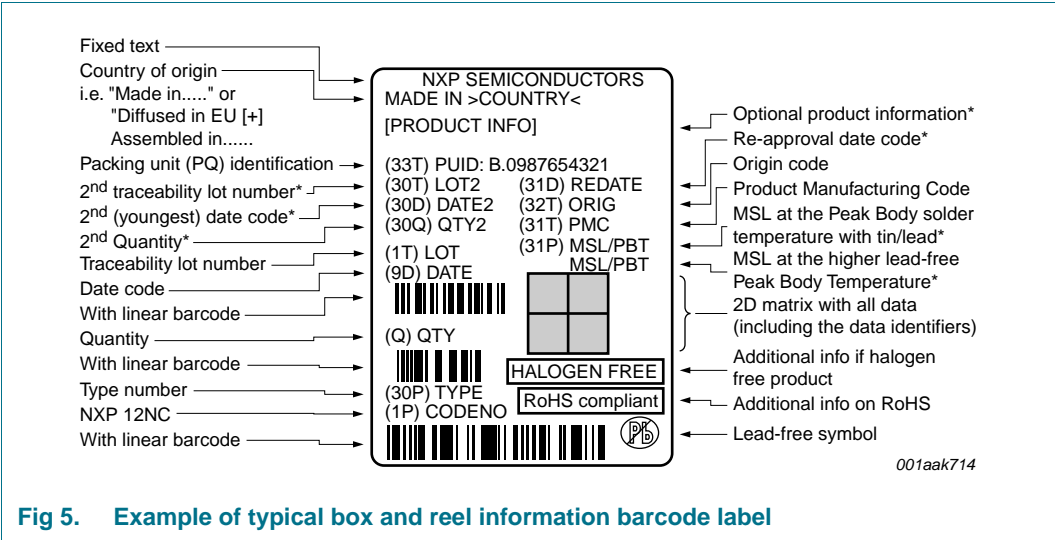


Fig 5. Example of typical box and reel information barcode label

Table 4. Barcode label dimensions

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

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6. Revision history

Table 5. Revision history

| Document ID | Release date | Packing document status | Change notice | Supersedes |
|--------------------|--------------|-------------------------|---------------|------------|
| SOT338-1_431 v.1.1 | 20161005 | Packing information | - | - |

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