

Important notice

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Kind regards,

Team Nexperia



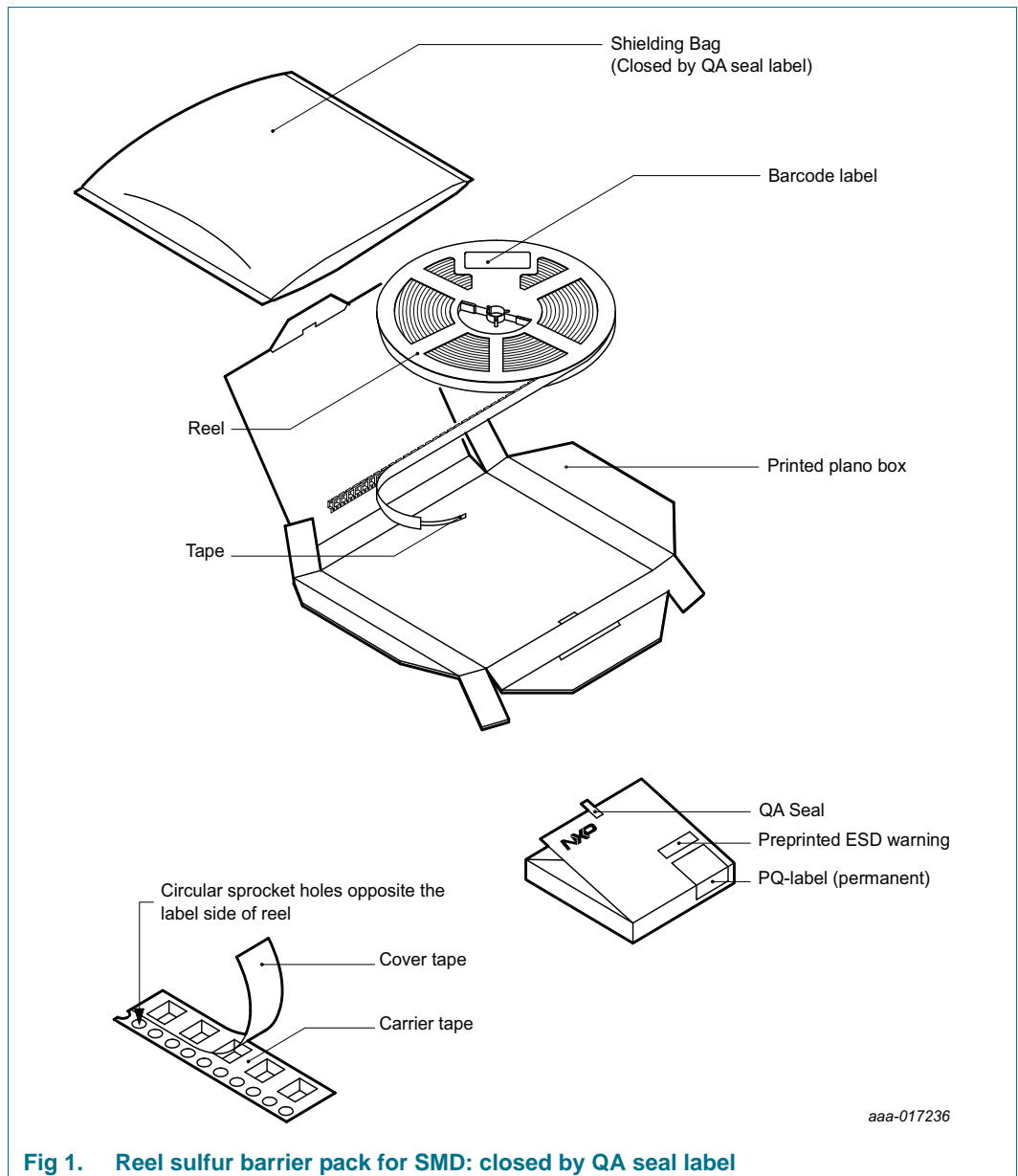
SOT109-1

SO16; Reel sulfur barrier pack, SMD, 13"
Q1/T1 standard product orientation
Orderable part number ending ,431 or Z
Ordering code (12NC) ending 431

Rev. 1 — 25 August 2016

Packing information

1. Packing method



SO16; Reel sulfur barrier pack, SMD, 13"
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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 | 2500 | 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

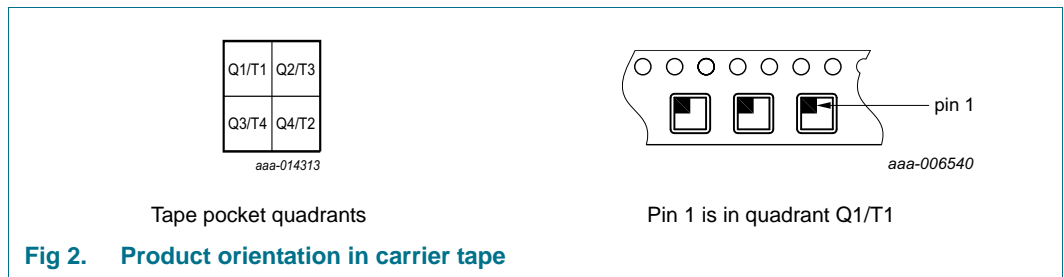


Fig 2. Product orientation in carrier tape

3. Carrier tape dimensions

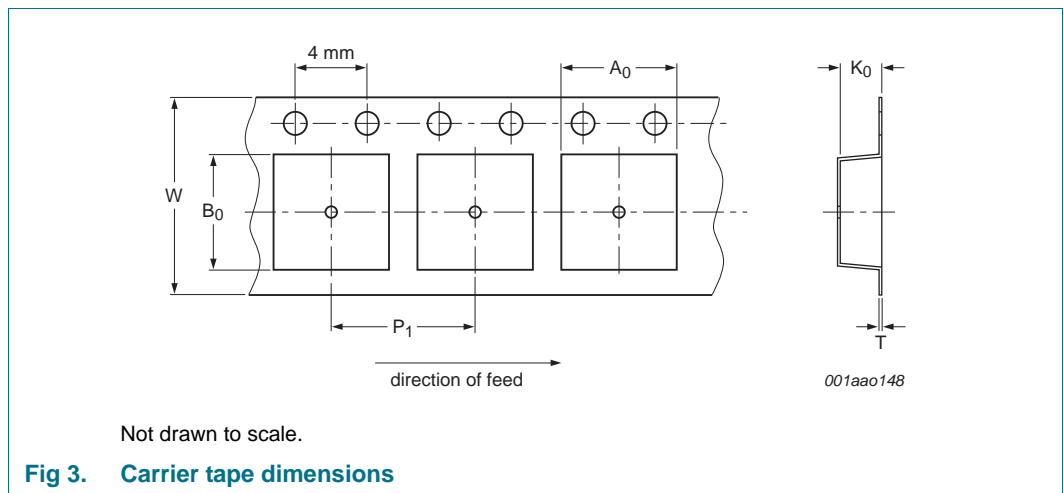


Fig 3. Carrier tape dimensions

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) |
|---------------------|---------------------|---------------------|------------|---------------------|----------|
| 6.5 ± 0.1 | 10.3 ± 0.1 | 2.3 ± 0.1 | 0.3 ± 0.05 | 8.0 ± 0.1 | 16 ± 0.1 |

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4. Reel dimensions

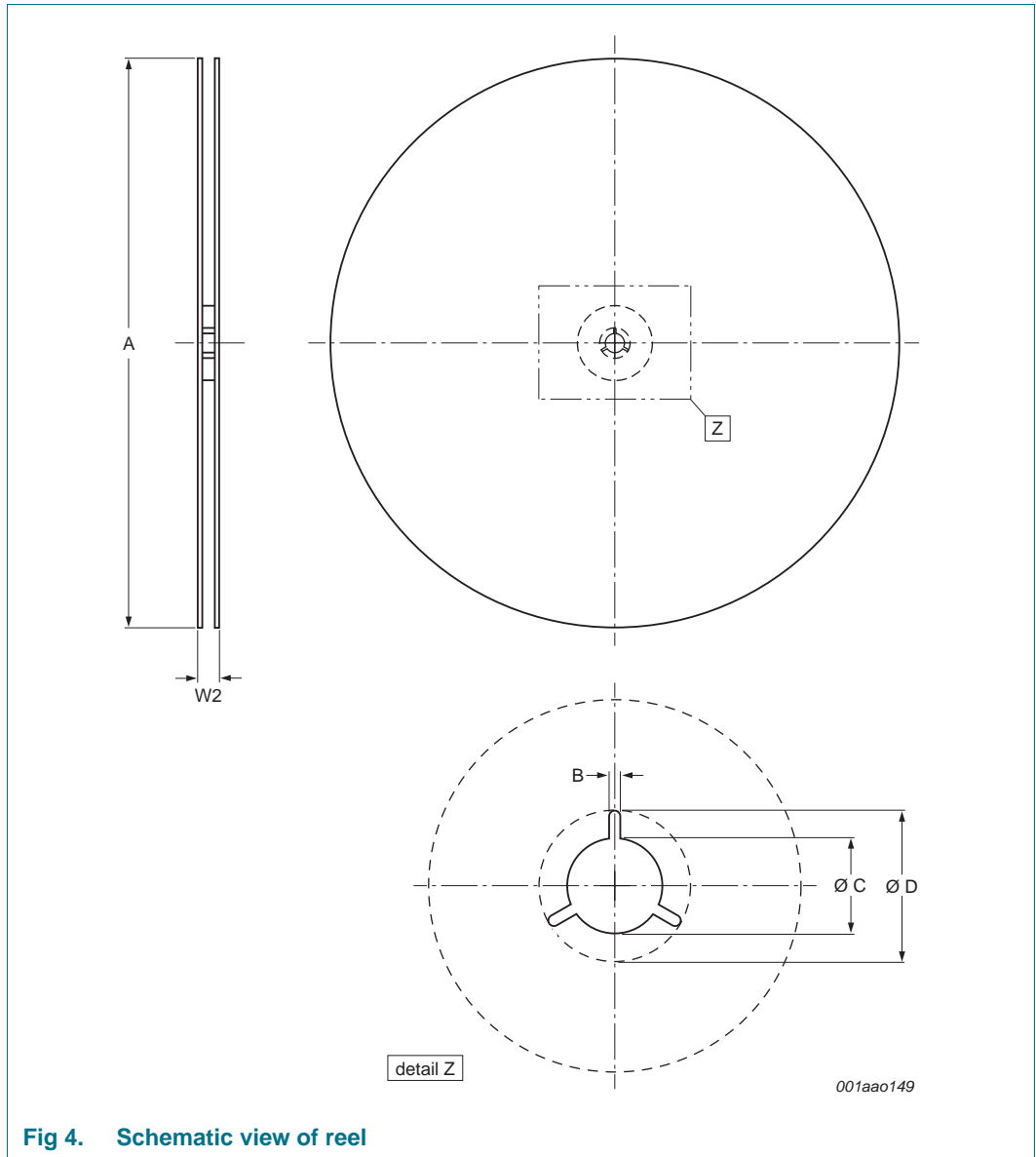


Fig 4. Schematic view of reel

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) |
|---------------------|----------------------|---------------------|---------------------|---------------------|
| 330 | 22.4 | 1.5 | 12.8 | 20.2 |

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5. Barcode label

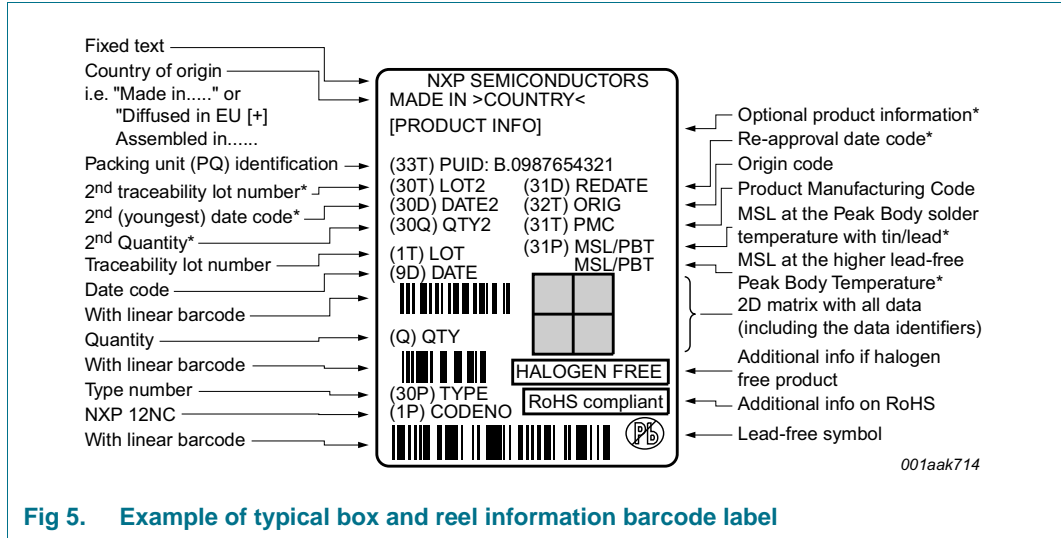


Fig 5. Example of typical box and reel information barcode label

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 |
|--------------------|--------------|-------------------------|---------------|------------|
| SOT109-1_431 v.1.1 | 20160825 | Packing information | - | - |

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