



SOD1610-1

Reel dry pack for SMD, 7"; Q1/T1-Q2/T3 product orientation

Rev. 2 — 14 August 2023

Packing information

1. Packing method

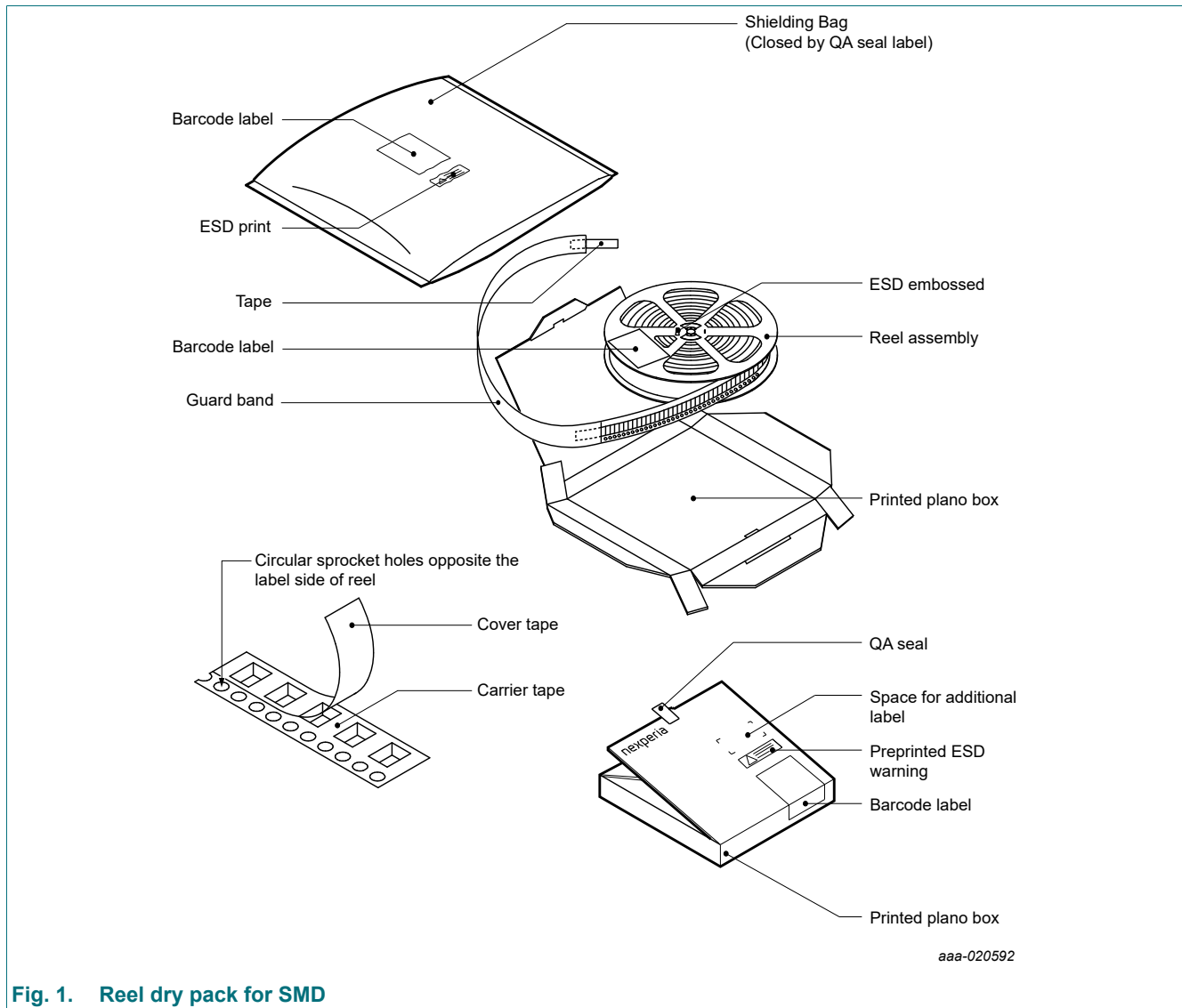


Fig. 1. Reel dry pack for SMD

Reel dry pack for SMD, 7"; Q1/T1-Q2/T3 product orientation

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] |
|-----------------|--------------|------------------------------|-------------------------------|-----------------|---------------|--|
| SOD1610-1 | 343 | 343 or Z | 180 x 8 | 10000 | 1 | 208 x 206 x 31 |

[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

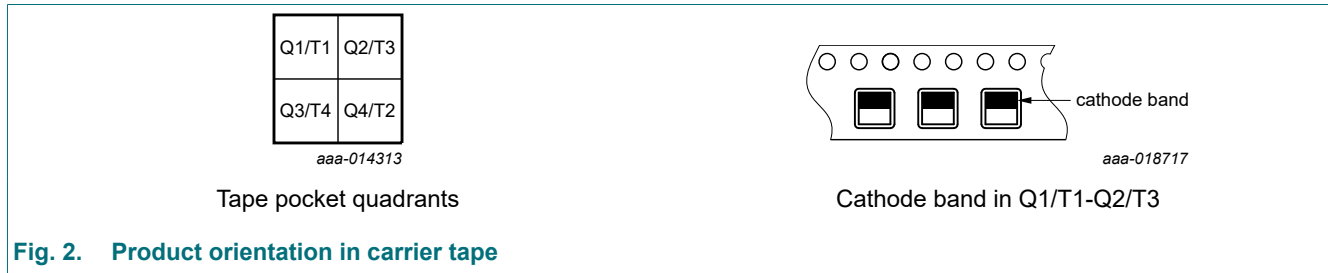


Fig. 2. Product orientation in carrier tape

3. Carrier tape dimensions

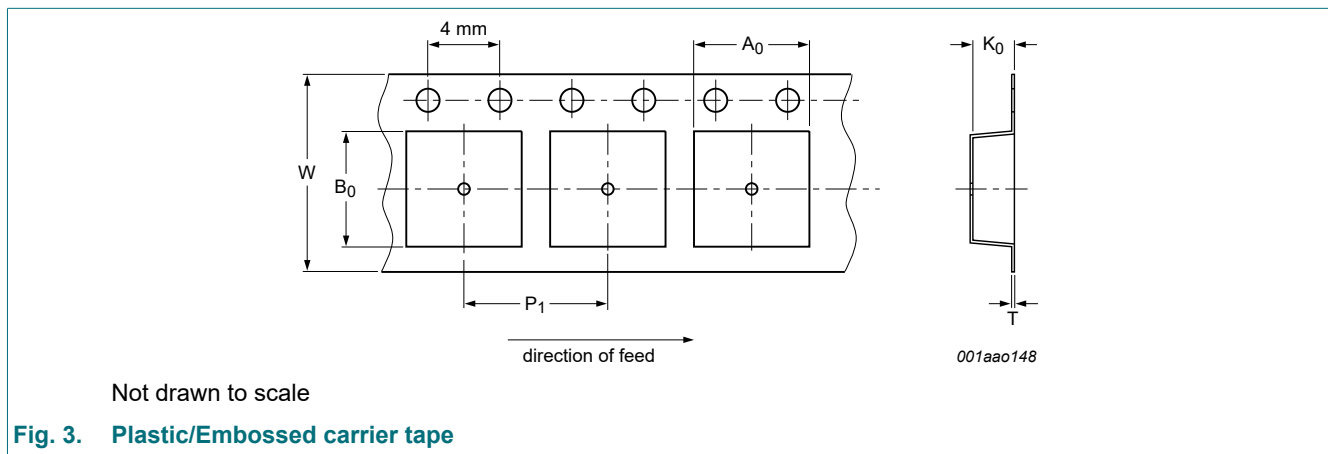


Fig. 3. Plastic/Embossed carrier tape

Table 2. Carrier tape dimensions

In accordance with IEC 60286-3

| A ₀ (mm) | B ₀ (mm) | K ₀ (mm) | T (mm) | P ₁ (mm) | W (mm) |
|---------------------|---------------------|---------------------|-------------|---------------------|-----------------|
| 1.20 ± 0.05 | 1.80 ± 0.05 | 0.67 ± 0.05 | 0.25 ± 0.05 | 2.0 ± 0.1 | 8.0 +0.3 / -0.1 |

4. Reel dimensions

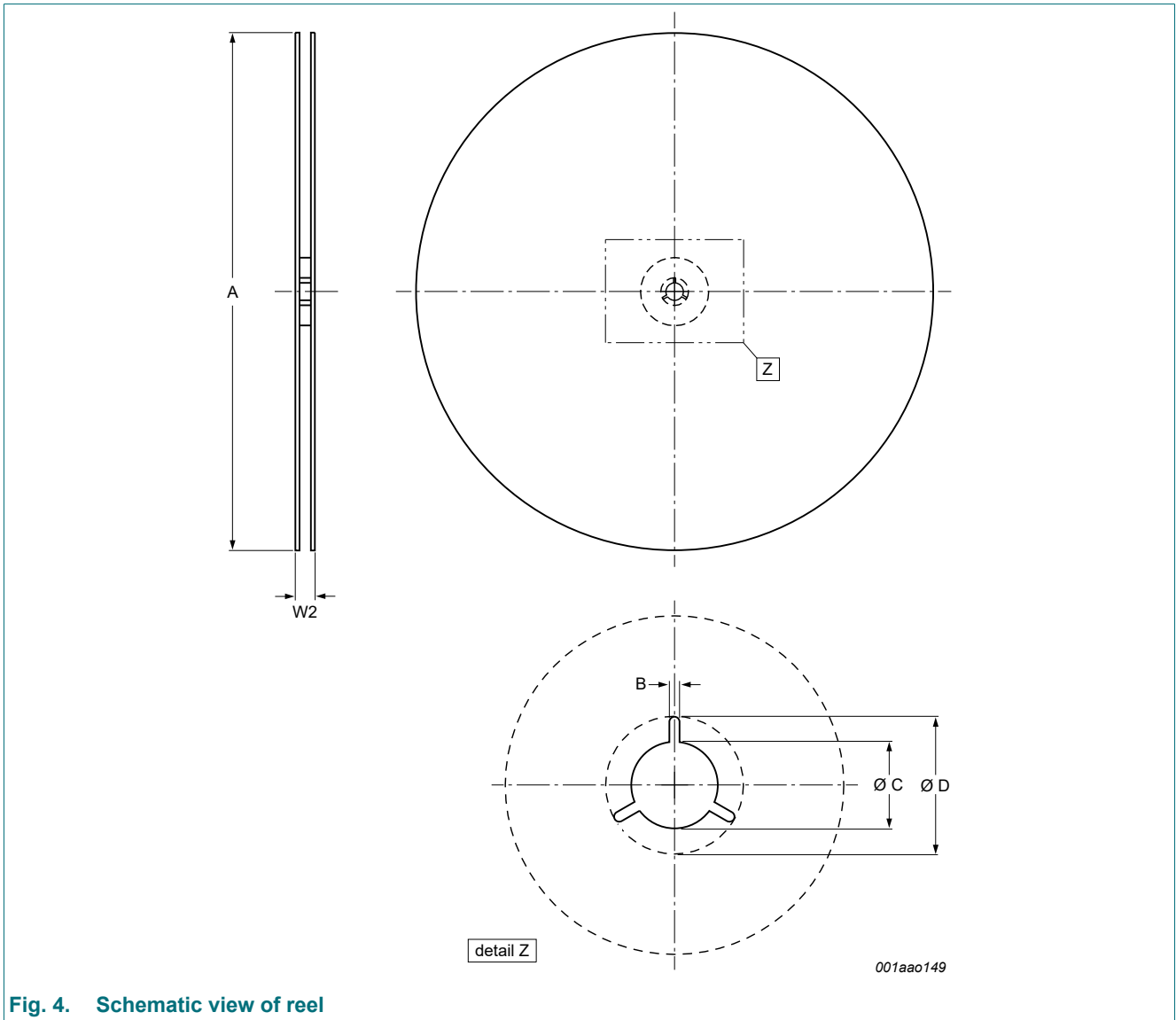


Fig. 4. Schematic view of reel

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 |

5. Barcode label

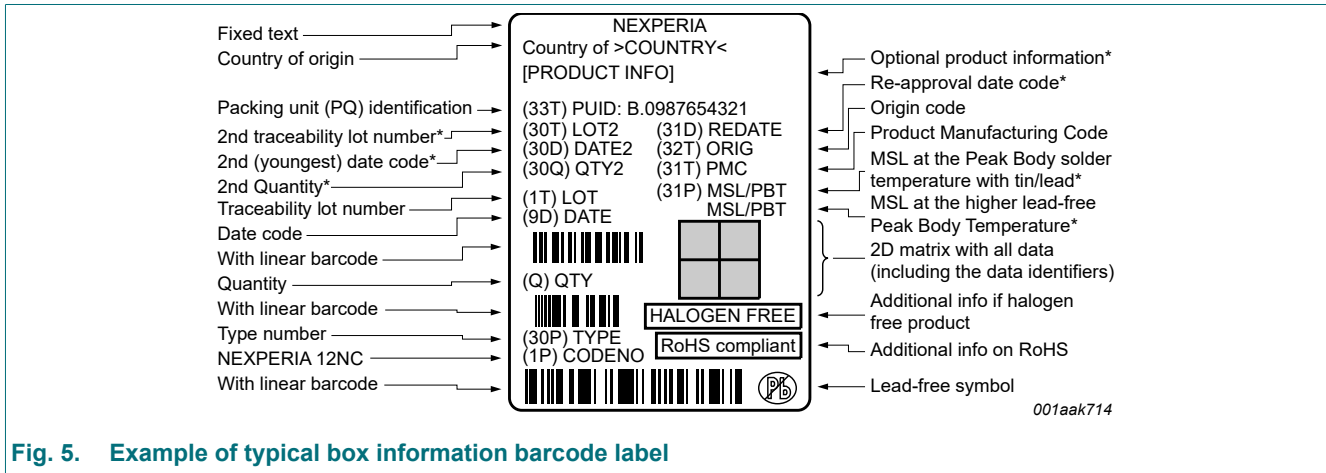


Fig. 5. Example of typical box information barcode label

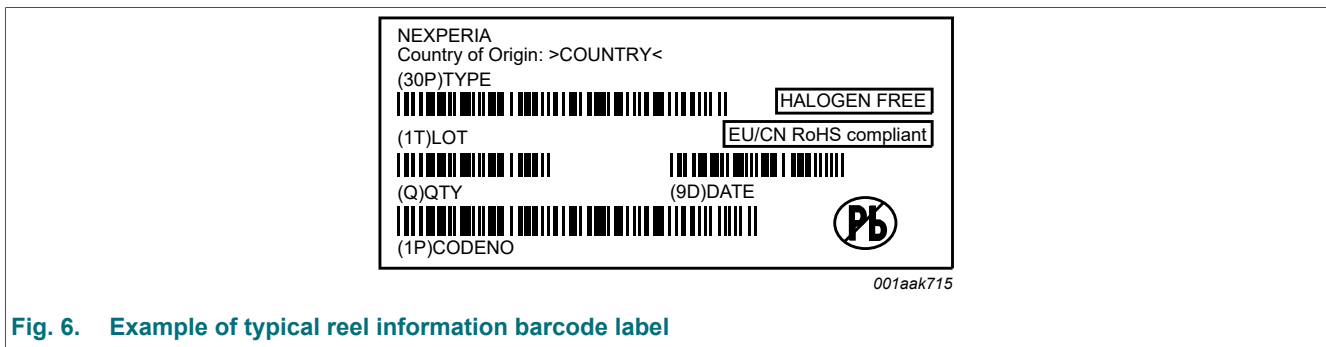


Fig. 6. Example of typical reel information barcode label

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 |
|----------------------|--------------|-----------------------------|----------------------|
| SOD1610-1_343 v.2 | 20230814 | • Removed foam strip fig. 1 | SOD1610-1_343 v.1 |
| SOD1610-1_343 v.1 | 20230711 | | |

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