



# SOT23

SC-73; Reel pack for SMD, 13"; Q3/T4 product orientation

Rev. 2 — 22 January 2024

## 1. Packing method

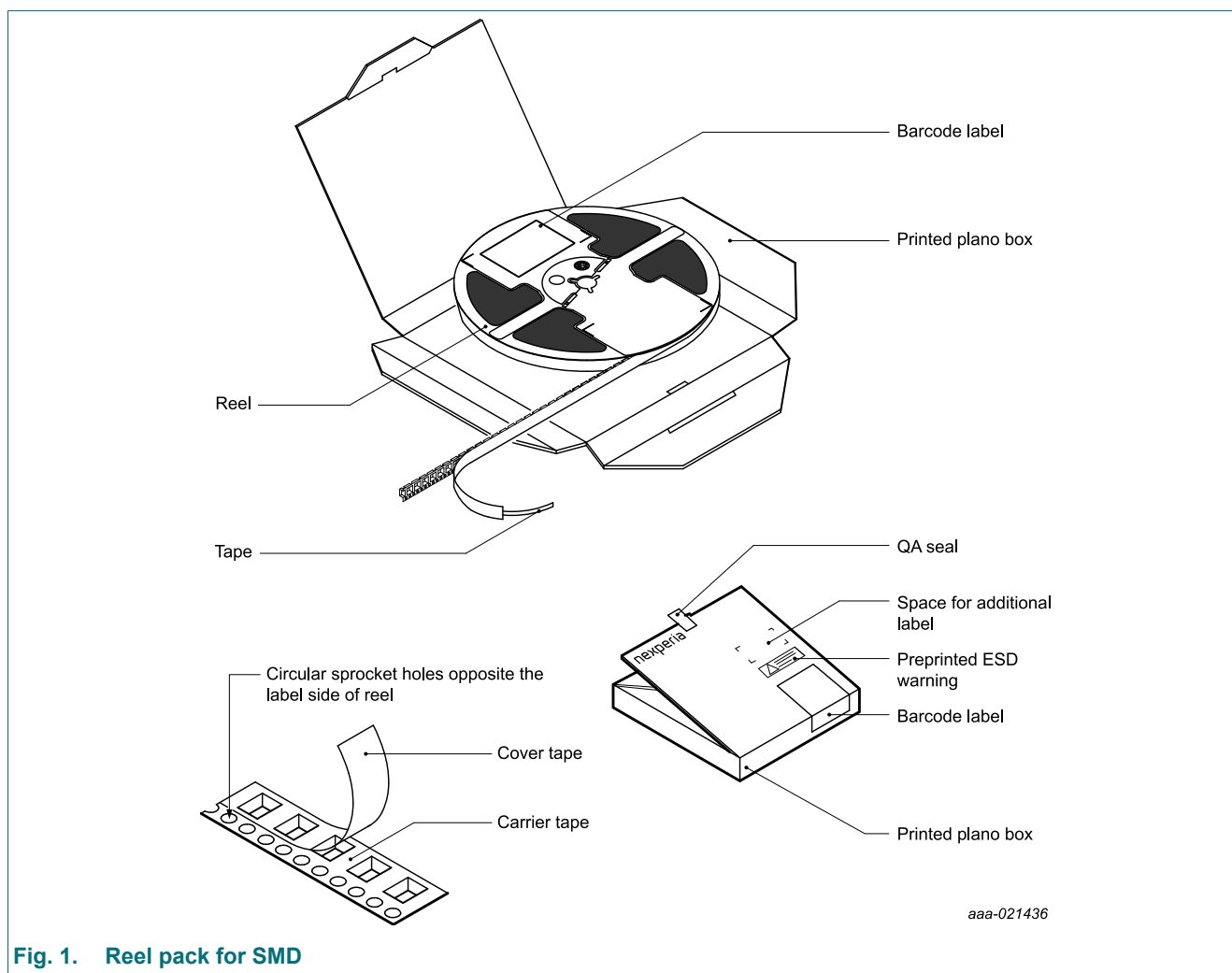


Fig. 1. Reel pack for SMD

Table 1. Dimensions and quantities

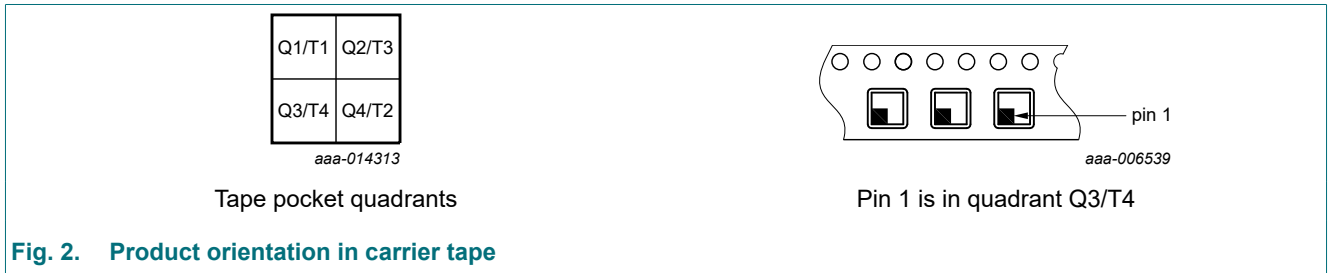
| Package version | 12 NC ending | Orderable part number ending | Reel dimensions d × w (mm)[1] | SPQ/PQ (pcs)[2] | Reels per box | Outer box dimensions l × w × h (mm)[3] |
|-----------------|--------------|------------------------------|-------------------------------|-----------------|---------------|--|
| SOT223          | 135          | 135 or F                     | 330 x 12                      | 4 000           | 1             | 337 x 337 x 23                         |

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

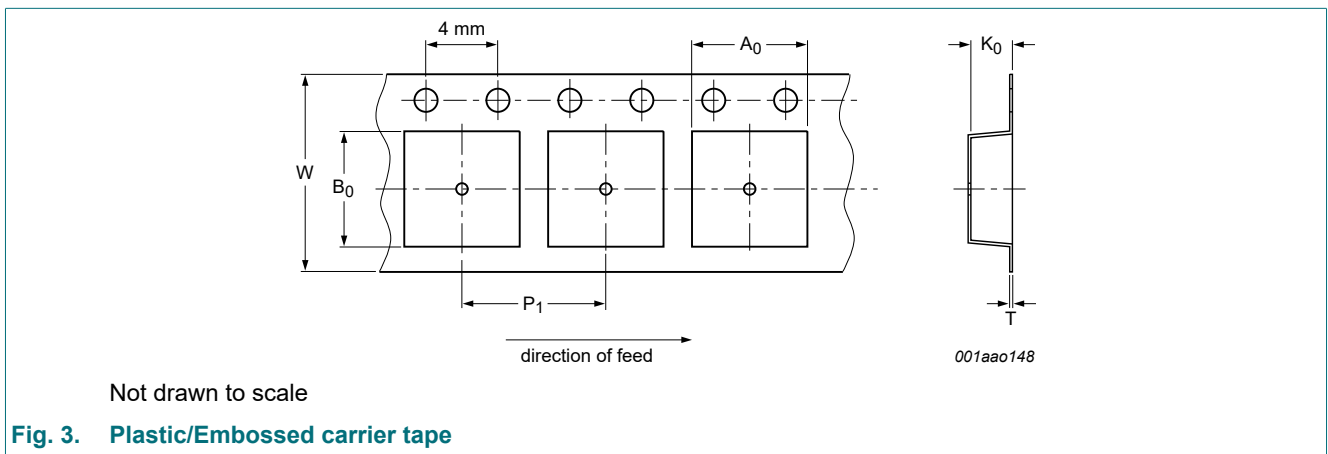
[2] Packing quantity dependent on specific product type. Please contact your local Nexperia representative for ordering.

[3] Dimensions for reference only.

## 2. Product orientation



## 3. Carrier tape dimensions



**Table 2. Carrier tape dimensions**

In accordance with IEC 60286-3

| A <sub>0</sub> (mm) | B <sub>0</sub> (mm) | K <sub>0</sub> (mm) | T (mm)      | P <sub>1</sub> (mm) | W (mm)             |
|---------------------|---------------------|---------------------|-------------|---------------------|--------------------|
| 6.85 ± 0.10         | 7.40 ± 0.10         | 1.90 ± 0.10         | 0.30 ± 0.05 | 8.0 ± 0.1           | 12.0 + 0.3 / - 0.1 |

## 4. Reel dimensions

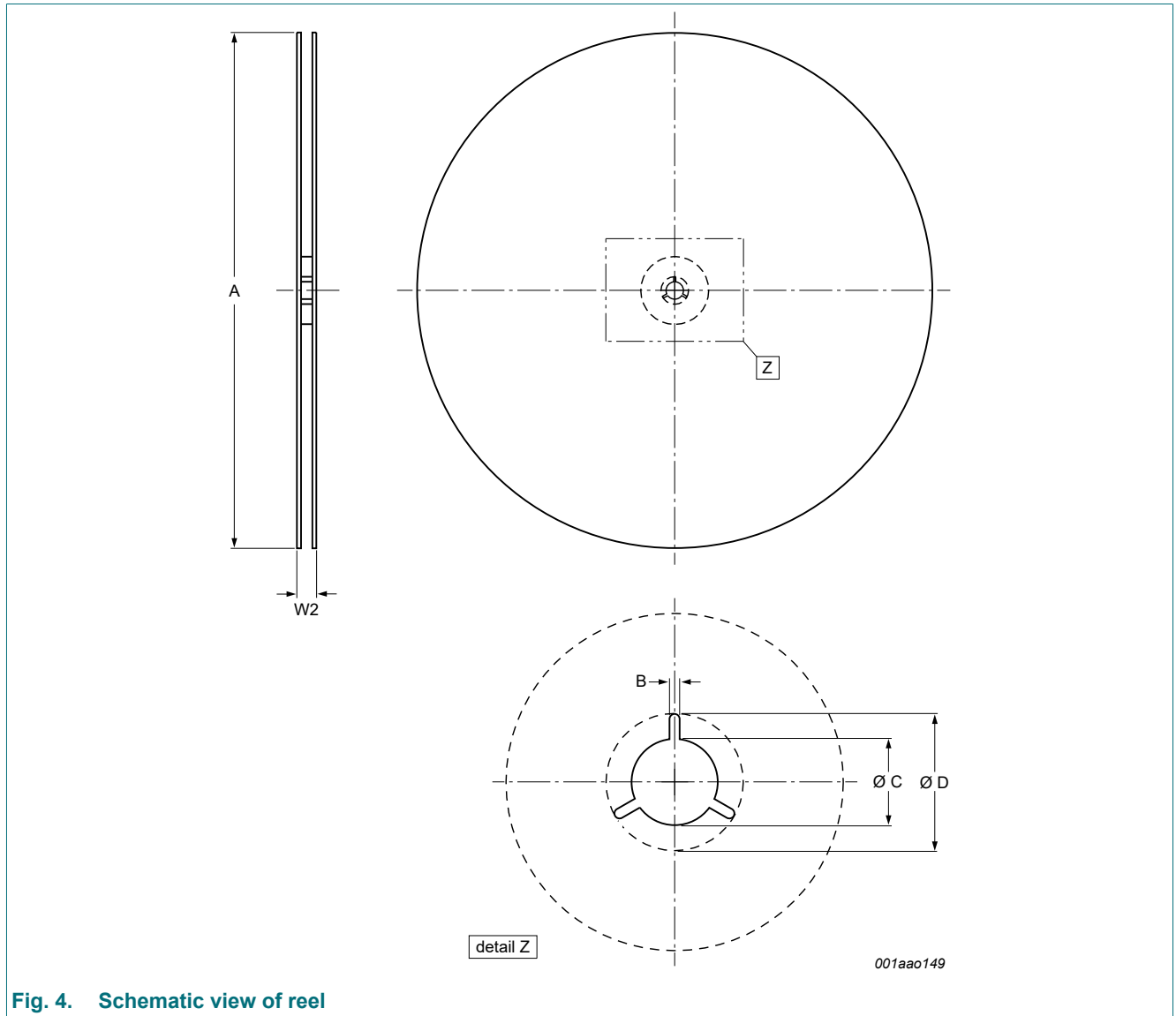


Fig. 4. Schematic view of reel

Table 3. Reel dimensions

In accordance with IEC 60286-3

| A [nom]<br>(mm) | W2 [max]<br>(mm) | B [min]<br>(mm) | C [min]<br>(mm) | D [min]<br>(mm) |
|-----------------|------------------|-----------------|-----------------|-----------------|
| 330             | 18.4             | 1.5             | 12.8            | 20.2            |

## 5. Barcode label

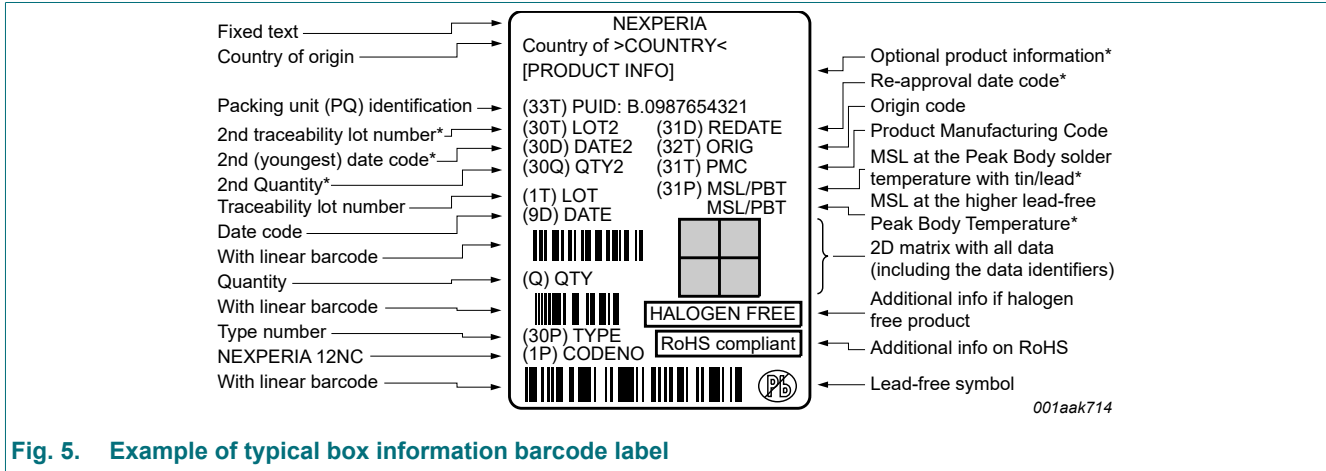


Fig. 5. Example of typical box information barcode label

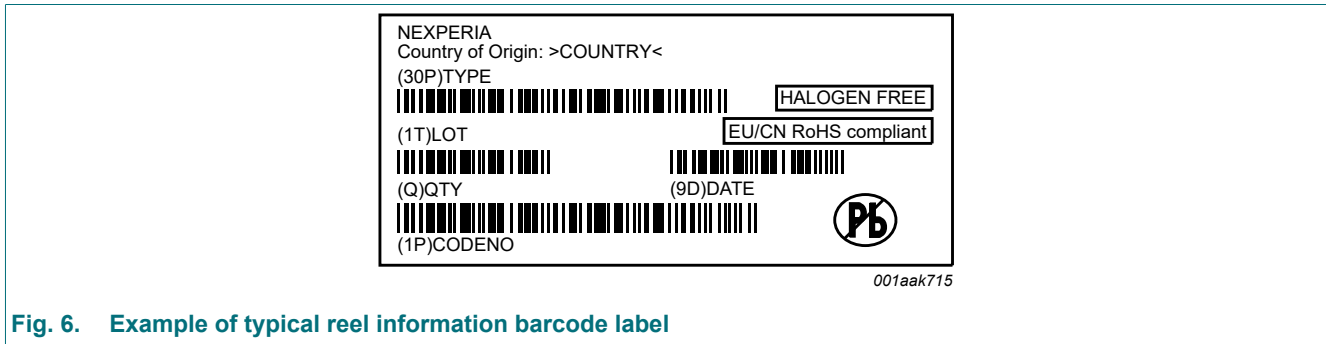


Fig. 6. Example of typical reel information barcode label

Table 4. Barcode label dimensions

| Box barcode label<br>l × w (mm) | Reel barcode label<br>l × w (mm) |
|---------------------------------|----------------------------------|
| 100 × 75                        | 36 × 75                          |

## 6. Revision history

Table 5. Revision history

| Document ID                    | Release date | Modifications  | Supersedes     |
|--------------------------------|--------------|--|----------------|
| SOT223_135 v. 2 <sup>[1]</sup> | 20240122     | <ul style="list-style-type: none"> <li>The format of this packing information document has been redesigned to comply with the identity guidelines of Nexperia.</li> <li><a href="#">Fig. 1</a>: Updated packing method drawing.</li> <li><a href="#">Table 1</a>: Outer box dimensions updated.</li> <li><a href="#">Table 2</a>: Tolerances added to carrier tape dimensions.</li> <li><a href="#">Table 3</a>: Reel drawing and dimensions added.</li> <li><a href="#">Section 5</a>: Barcode label and dimensions added.</li> <li>Legal texts have been adapted to the new company name where appropriate.</li> </ul> | SOT223_135 v.1 |
| SOT223_135 v.1                 | 20121018     | -  | -              |

[1] This document is showing the actual product orientation in production.

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