



# SOT163-1

SO20; Reel dry pack for SMD, 13"; Q1/T1 product orientation  
 Rev. 2 — 17 January 2020

Packing information

## 1. Packing method

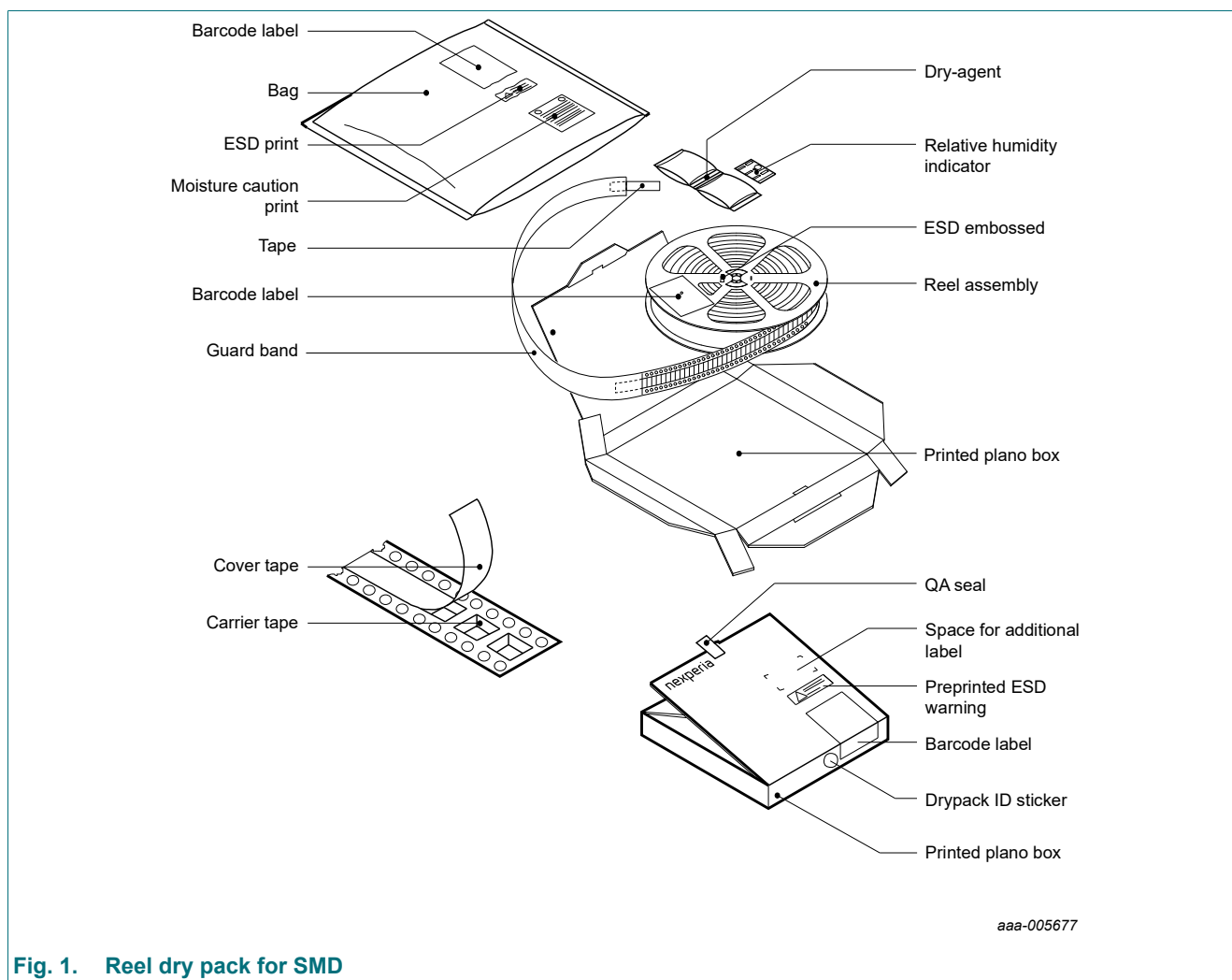


Fig. 1. Reel dry pack for SMD

Table 1. Dimensions and quantities

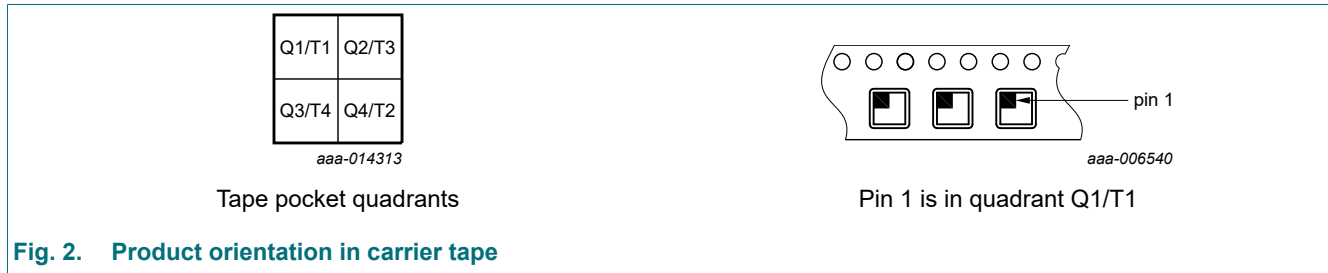
| Package version | 12 NC ending | Orderable part number ending | Reel dimensions d × w (mm)[1] | SPQ/PQ (pcs)[2] | Reels per box | Outer box dimensions l × w × h (mm)[3] |
|-----------------|--------------|------------------------------|-------------------------------|-----------------|---------------|--|
| SOT163-1        | 518          | 518 or Y                     | 330 x 24                      | 2000            | 1             | 340 x 338 x 48                         |

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

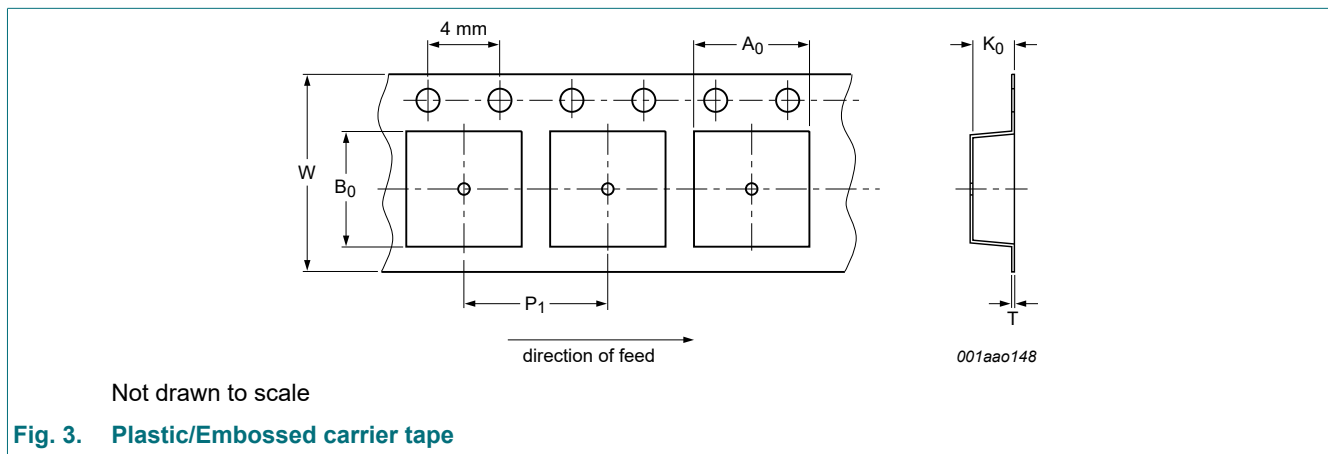
[2] Packing quantity dependent on specific product type. Please contact your local Nexperia representative for ordering.

[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)     |
|---------------------|---------------------|---------------------|-------------|---------------------|------------|
| 10.9 ± 0.1          | 13.4 ± 0.1          | 2.70 ± 0.05         | 0.30 ± 0.05 | 12.0 ± 0.1          | 24.0 ± 0.3 |

4. Reel dimensions

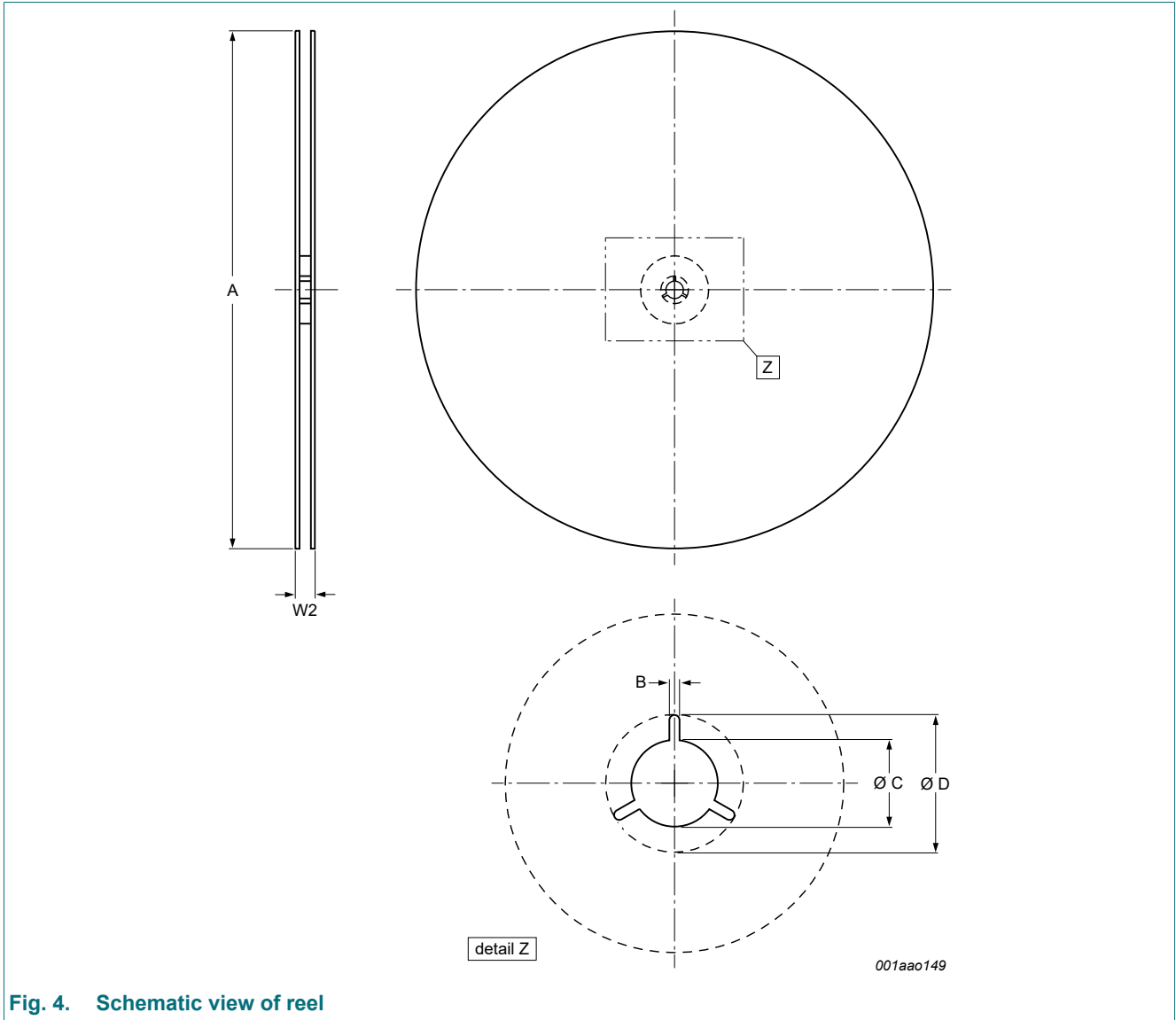


Fig. 4. Schematic view of reel

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          | 30.4          | 1.5          | 12.8         | 20.2         |

## 5. Barcode label

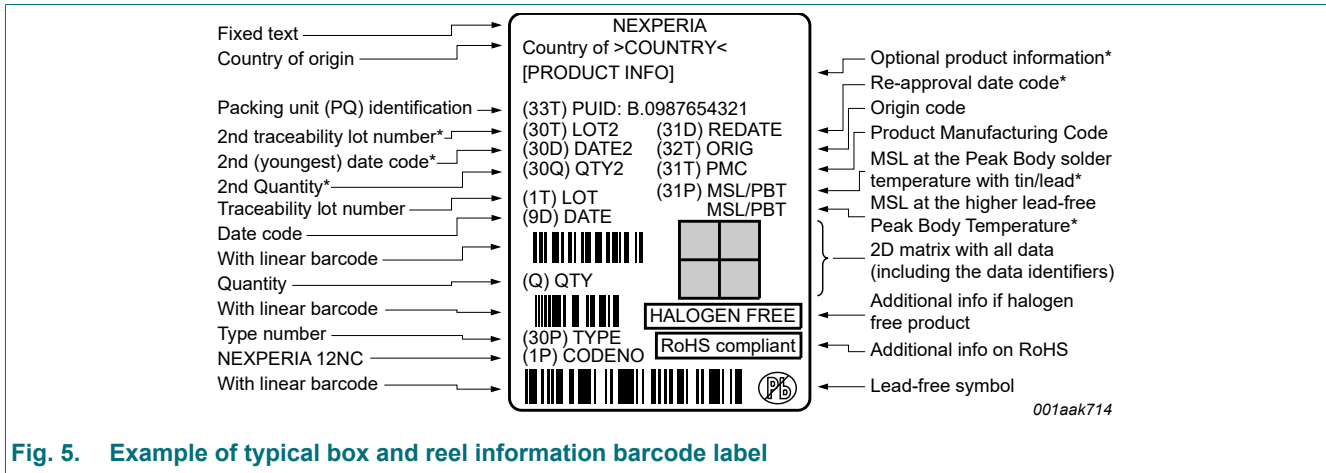


Fig. 5. Example of typical box and reel information barcode label

Table 4. Barcode label dimensions

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

## 6. Revision history

Table 5. Revision history

| Document ID       | Release date | Modifications   | Supersedes        |
|-------------------|--------------|---|-------------------|
| SOT163-1_518 v. 2 | 20200117     | <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>Legal texts have been adapted to the new company name where appropriate.</li> </ul> | SOT163-1_518 v. 1 |
| SOT163-1_518 v. 1 | 20141204     | -   | -                 |

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