



# SOT669

LFPAK56; Reel pack for SMD, 7"; Q1/T1 product orientation

Rev. 4.0 — 25 April 2022

Packing information

## 1. Packing method

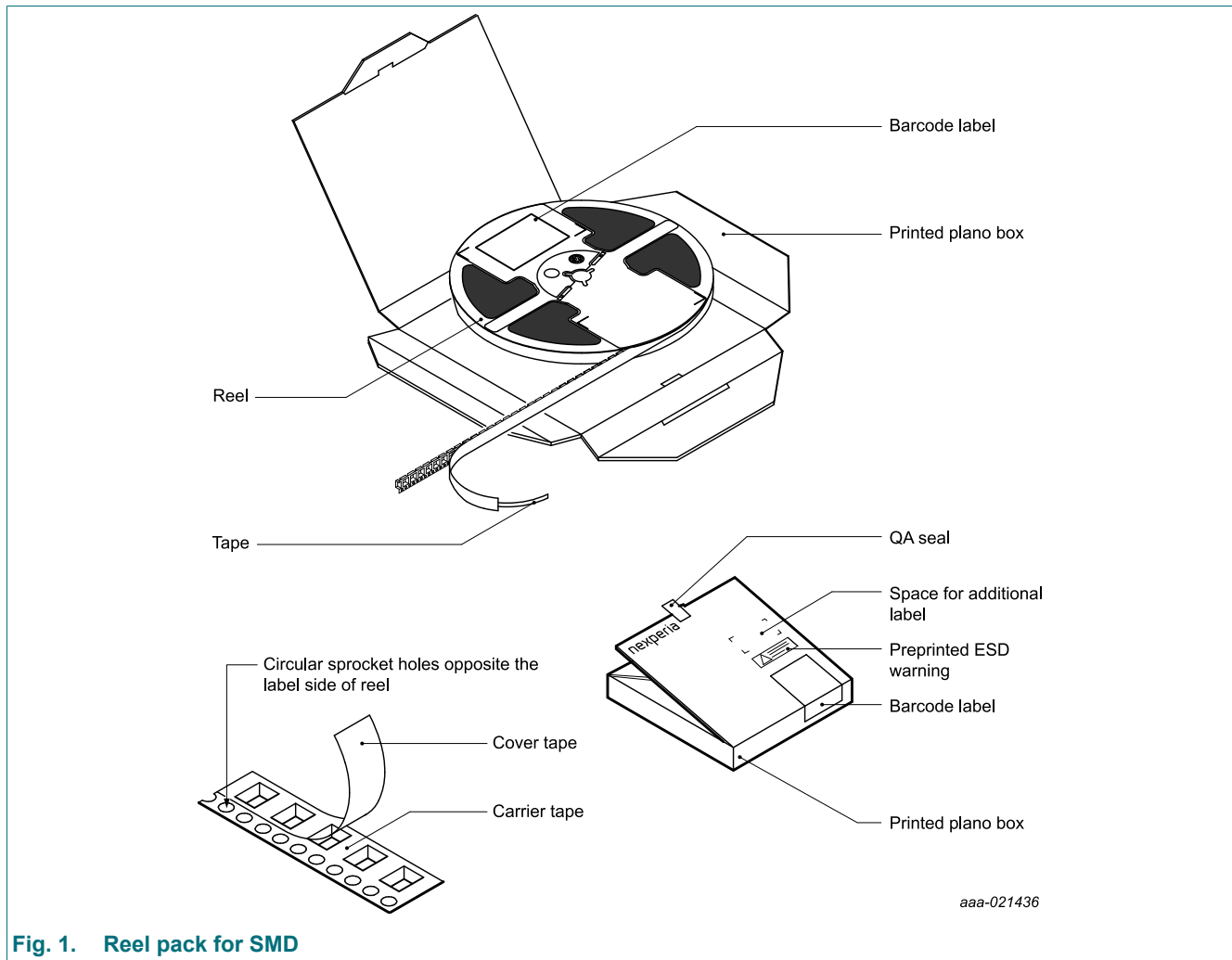


Fig. 1. Reel pack for SMD

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] |
|-----------------|--------------|------------------------------|-------------------------------|-----------------|---------------|--|
| SOT669          | 115          | 115 or X                     | 180 x 12                      | 1500            | 1             | 185 x 185 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



Fig. 2. Product orientation in carrier tape

## 3. Carrier tape dimensions

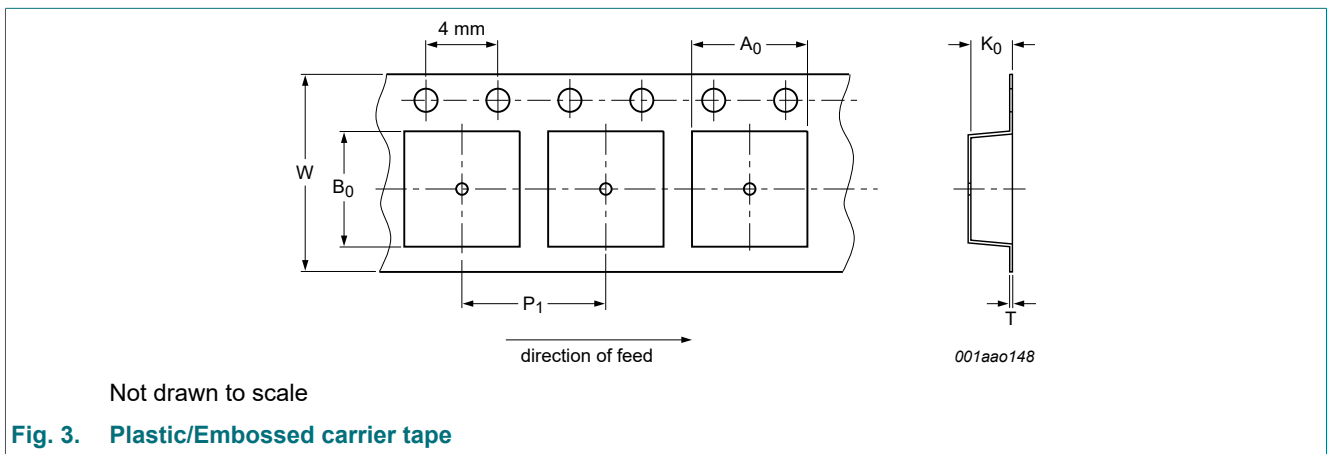


Fig. 3. Plastic/Embossed carrier tape

Table 2. Carrier tape dimensions

In accordance with IEC 60286-3

| A <sub>0</sub> (mm) | B <sub>0</sub> (mm) | K <sub>0</sub> (mm) | T (mm)      | P <sub>1</sub> (mm) | W (mm)           |
|---------------------|---------------------|---------------------|-------------|---------------------|------------------|
| 6.50 ± 0.10         | 5.30 ± 0.10         | 1.40 ± 0.10         | 0.30 ± 0.05 | 8.0 ± 0.10          | 12.0 +0.3 / -0.1 |

## 4. Reel dimensions

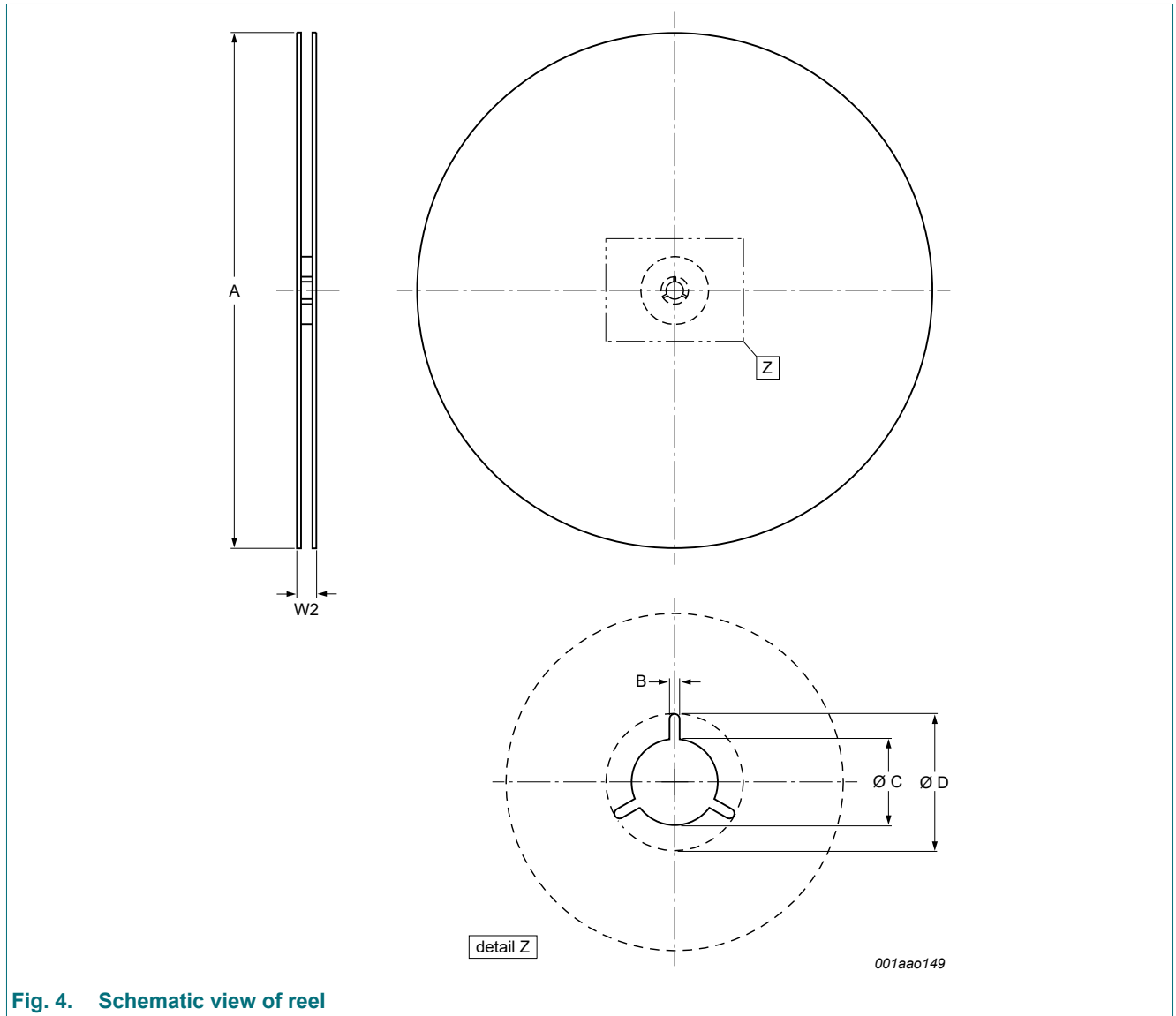


Fig. 4. Schematic view of reel

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) |
|-----------------|------------------|-----------------|-----------------|-----------------|
| 180             | 18.4             | 1.5             | 12.8            | 20.2            |

## 5. Barcode label

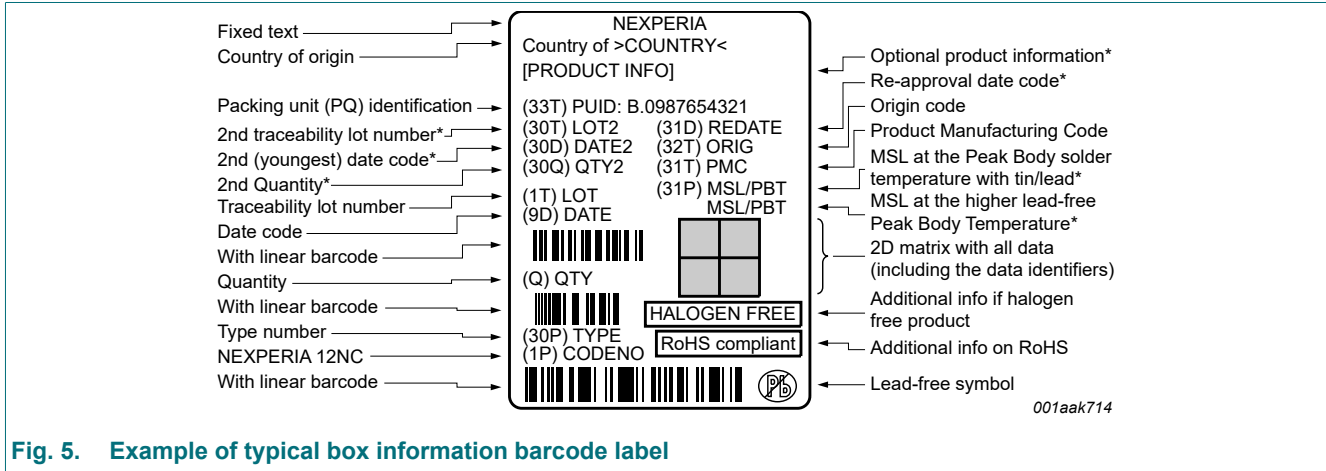


Fig. 5. Example of typical box information barcode label

Table 4. Barcode label dimensions

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

## 6. Revision history

Table 5. Revision history

| Document ID     | Release date | Modifications   | Supersedes     |
|-----------------|--------------|---|----------------|
| SOT669_115 v. 4 | 20220425     | <ul style="list-style-type: none"> <li>The format of this packing document has been redesigned to comply with the new identity guidelines of Nexperia.</li> <li>Legal texts have been adapted to the new company name where appropriate.</li> </ul>   | SOT669_115 v.3 |
| SOT669_115 v.3  | 20160909     | <ul style="list-style-type: none"> <li>Lightweight reel packing; see Figure 1 "Reel pack for SMD: Lightweight reel"</li> <li>Outer dimensions corrected; see Table 1 "Dimensions and quantities"</li> <li>Product orientation drawing changed; see Figure 2 "Product orientation in carrier tape"</li> <li>Carrier tape dimension update; Table 2 "Carrier tape dimensions"</li> <li>Section 5 "Barcode label" adjusted.</li> </ul> | SOT669_115 v.2 |
| SOT669_115 v.2  | 20141112     | <ul style="list-style-type: none"> <li>The format of this packing document has been redesigned to comply with the new identity guidelines of NXP Semiconductors.</li> <li>Legal texts have been adapted to the new company name where appropriate.</li> </ul>   | SOT669_115 v.1 |
| SOT669_115 v.1  | 20121126     | Obsolete  | -              |

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