1. Packing method

Fig. 1. Reel pack for SMD

Table 1. Dimensions and quantities

<table>
<thead>
<tr>
<th>Package version</th>
<th>12 NC ending</th>
<th>Orderable part number ending</th>
<th>Reel dimensions d × w (mm)[1]</th>
<th>SPQ/PQ (pcs)[2]</th>
<th>Reels per box</th>
<th>Outer box dimensions l × w × h (mm)[3]</th>
</tr>
</thead>
<tbody>
<tr>
<td>SOT457</td>
<td>135</td>
<td>135 or F</td>
<td>286 x 8</td>
<td>10000</td>
<td>1</td>
<td>291 x 290.3 x 17</td>
</tr>
</tbody>
</table>

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

Tape pocket quadrants

Pin 1 is in quadrant Q2/T3

Fig. 2. Product orientation in carrier tape

3. Carrier tape dimensions

Not drawn to scale

Fig. 3. Plastic/Embossed carrier tape

Table 2. Carrier tape dimensions
In accordance with IEC 60286-3

<table>
<thead>
<tr>
<th>A₀ (mm)</th>
<th>B₀ (mm)</th>
<th>K₀ (mm)</th>
<th>T (mm)</th>
<th>P₁ (mm)</th>
<th>W (mm)</th>
</tr>
</thead>
<tbody>
<tr>
<td>3.18 ± 0.05</td>
<td>3.00 ± 0.05</td>
<td>1.35 ± 0.10</td>
<td>0.23 ± 0.02</td>
<td>4.0 ± 0.1</td>
<td>8.0 + 0.3 / - 0.1</td>
</tr>
</tbody>
</table>
4. Reel dimensions

Fig. 4. Schematic view of reel

Table 3. Reel dimensions

<table>
<thead>
<tr>
<th>A [nom] (mm)</th>
<th>W2 [max] (mm)</th>
<th>B [min] (mm)</th>
<th>C [min] (mm)</th>
<th>D [min] (mm)</th>
</tr>
</thead>
<tbody>
<tr>
<td>286</td>
<td>14.4</td>
<td>1.5</td>
<td>12.8</td>
<td>20.2</td>
</tr>
</tbody>
</table>

Table 3. Reel dimensions

*In accordance with IEC 60286-3*
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

<table>
<thead>
<tr>
<th>Box barcode label</th>
<th>Reel barcode label</th>
</tr>
</thead>
<tbody>
<tr>
<td>l × w (mm)</td>
<td>l × w (mm)</td>
</tr>
<tr>
<td>100 × 75</td>
<td>36 × 75</td>
</tr>
</tbody>
</table>

6. Revision history

Table 5. Revision history

<table>
<thead>
<tr>
<th>Document ID</th>
<th>Release date</th>
<th>Modifications</th>
<th>Supersedes</th>
</tr>
</thead>
</table>
| SOT457_135 v.2   | 20200428     | • The format of this packing information document has been redesigned to comply with the identity guidelines of Nexperia.  
• Table 1: Outer box dimensions updated  
• Table 2: Tolerances added to carrier tape dimensions.  
• Section 4 "Reel dimensions" added.  
• Section 5 "Barcode label" added.  
• Section 6 Added footnote about product orientation.  
• Legal texts have been adapted to the new company name where appropriate. | SOT457_135 v.1 |
| SOT457_135 v.1   | 20121127     | -                                                                             | -                |

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