Supplementary Product Information SHT3x
Information on Shipping Package, Tape and Reel and Labels for the SHT3x Sensor Series

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1 Tape Information

Tapes are manufactured according to EIA-481-D.

Figure 1 Technical drawing of the tape
2 Reel and ESD Bags Information

2.1 13” Reel for 10000 pcs

Figure 2 Technical drawing of the 13 inch reel

<table>
<thead>
<tr>
<th>Parameter</th>
<th>Dimension [mm]</th>
</tr>
</thead>
<tbody>
<tr>
<td>Nominal Hub width</td>
<td>8mm</td>
</tr>
<tr>
<td>W1 +0.3/-0.2mm</td>
<td>8.4</td>
</tr>
<tr>
<td>W2 Max</td>
<td>11.1</td>
</tr>
<tr>
<td>a</td>
<td>1.5</td>
</tr>
<tr>
<td>b</td>
<td>96.5</td>
</tr>
<tr>
<td>Colour</td>
<td>White</td>
</tr>
<tr>
<td>SR</td>
<td>&lt; 1x10E12 ohm/sq</td>
</tr>
</tbody>
</table>
2.2 7" Reel for 500 and 2500 pcs

Parameter | Dimension [mm]
--- | ---
A ±1.0 | 178
H ±1.0 | 60
T ±0.3 | 1.4
W ±0.5 | 13.2
B ±0.1 | 2.4
C± 0.2 | 20.5
D +0.5/-0.2 | 13
Colour | White
SR | < 1x10Exp 12 ohms/sq

Figure 3 Technical drawing of the 7 inch reel
2.3 Direction of unreeling

![Diagram of direction of unreeling]

2.4 Empty pockets

Values based on IEC 60286-3:2007:
- max. 3 empty pockets per 10k reel
- max. 1 empty pocket per 500 and 2.5k reels
- no consecutive empty pockets

2.5 Leader and Trailer Tape

Values based on IEC 60286-3:2007:
- Each reel contains leader and trailer tape to facilitate usage.
- Leader Tape: 440 mm (110 pockets)
- Trailer Tape: 360 mm (90 pockets)

![Diagram of leader and trailer tape]

Figure 4 Diagram to illustrate leader tape (dotted) and trailer tape (dashed)
### 3 Label Position and Shipping Package

<table>
<thead>
<tr>
<th>finished reel</th>
<th>Labels A.1 and A.2 on reel</th>
</tr>
</thead>
<tbody>
<tr>
<td><img src="image1" alt="Diagram" /></td>
<td><img src="image2" alt="Diagram" /></td>
</tr>
</tbody>
</table>

- **Reel is packaged and sealed into ESD bag.**

<table>
<thead>
<tr>
<th>ESD Bag</th>
<th>Label A.3 on ESD bag</th>
</tr>
</thead>
<tbody>
<tr>
<td><img src="image3" alt="Diagram" /></td>
<td><img src="image4" alt="Diagram" /></td>
</tr>
</tbody>
</table>

- **ESD bag(s) and shipping label are packaged into an outer box.**

<table>
<thead>
<tr>
<th>No. of ESD Bags per Outer Box</th>
<th>Depends on article and order volume</th>
</tr>
</thead>
<tbody>
<tr>
<td><img src="image5" alt="Diagram" /></td>
<td><img src="image6" alt="Diagram" /></td>
</tr>
</tbody>
</table>

- **Padding material**
  - Bubble foil.

- **Shipping label**

<table>
<thead>
<tr>
<th>Label B is attached to the box. shipping documents (C &amp; D) are in carrier bag at the outside of the box.</th>
</tr>
</thead>
<tbody>
<tr>
<td><img src="image7" alt="Diagram" /></td>
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</table>

<table>
<thead>
<tr>
<th>Dimensions of Outer Box:</th>
</tr>
</thead>
<tbody>
<tr>
<td>min. 29cm x 25cm x 11cm</td>
</tr>
<tr>
<td>max. 60cm x 40cm x 50cm</td>
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</table>
4 Label Dimension and Information

4.1 Label A.1
Location: on the reel, see also section 3
Dimension: 30mm x 70mm

Lot No.: [S100PPP-NN-YRRRRTTTTT]
Quantity: [# of sensors per reel]
RoHS: Compliant

4.2 Label A.2
Location: on the reel, see also section 3
Dimension: 50mm x 70mm

Device Type: [Article number]
Description: Humidity & Temperature IC
[SHT3x-XZY-ABBC]
Part Order No.: [Article number]
Date of Delivery: [DD.MM.YYYY]
Order Code: [46CCCC / 0]

4.3 Label A.3
Location: outside of ESD bag
Dimension: 10cm x 7.7cm

Customer Part-No.: [CSDT number]
Part-No.: SHT3x-DIS-B10kS
Description: OEM-SHT3x, IC, 10000pcs
OEM Hum. & Temp. IC
Quantity: 10000
PC
Lot/Serial-No.: N/A
Order-No.: WXYZ Date of Delivery: [dd.mm.yyyy]
4.4 Label B

Location: on the outside of the shipping box, see also section 3
Dimension: 10cm x 7.7cm

![Label B Image]

Information on the label:
- sender
- receiver
- shipping company
- handling unit number

4.5 Label C

Location: in the carrier bag at the outside of the shipping box, see also section 3

- packing list/delivery note in green
- COC (if required)

4.6 Label D

Location: in the carrier bag at the outside of the shipping box, see also section 3

- commercial Invoice
- Transport Documents
## Revision History

<table>
<thead>
<tr>
<th>Date</th>
<th>Version</th>
<th>Page(s)</th>
<th>Changes</th>
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<tbody>
<tr>
<td>May 2015</td>
<td>1</td>
<td>all</td>
<td>Added statement on manufacturing standard</td>
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<tr>
<td></td>
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<td>Added section Label information</td>
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<tr>
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<td>Added section Shipping Package</td>
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<tr>
<td></td>
<td></td>
<td></td>
<td>Added unreeiling direction information and empty pocket information</td>
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<tr>
<td>September 2018</td>
<td>2</td>
<td>multiple</td>
<td>Typo corrections etc.</td>
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<tr>
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<td>Deleted reel size &quot;1000&quot;</td>
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<td></td>
<td>Introduced reel size &quot;2500&quot;</td>
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<td>5</td>
<td>Introduced max. empty pocket number for 500 and 2.5k reels and relevant</td>
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<td></td>
<td>norm in section 2.4</td>
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<tr>
<td></td>
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<td>5</td>
<td>Changed trailer tape from 270mm to 360mm in section 2.5</td>
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<td></td>
<td></td>
<td>7</td>
<td>Introduced label A.3 on ESD bag in section 4.3</td>
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<td></td>
<td>8</td>
<td>Modified label B in section 4.4</td>
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</tbody>
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