WLCSP 1.6x2.0 Packing Drawing

Packing Description:

WLCSP 1.6x2.0 products are classified under Moisture Sensitive Level 1 and are packed in moisture barrier bag for added protection.

The carrier tape is made from dissipative polystyrene or polycarbonate resin. The cover tape is a multilayer film primarily composed of polyester film, adhesive layer, heat activated sealant, and anti-static sprayed agent. These reeled parts in standard option are shipped with 3000 units per 178 mm diameter reel. The reels is made of polystyrene plastic (anti-static coated or intrinsic).

These full reels are individually barcode labeled and placed inside a pizza box made of recyclable corrugated brown paper with a Fairchild logo printing. The reel is packed single reel in the pizza box. And these pizza boxes are placed inside a barcode labeled shipping box which comes in different sizes depending on the number of parts shipped.

ESD Logo Label sample

F63TNR Label sample

Tape Leader and Trailer Configuration

Carrier Tape

Cover Tape

Trailer Tape 300mm minimum

Components

Leader Tape 500mm minimum

LOT: PMH010088888
FSID: FPF3040UCX
D/C1: P1215NA QTY1: SPEC REV: 2nd Level Interconnect
D/C2: QTY2: Green Component RoHS COMPLIANT
QTY: 3000 SPEC:

FAIRCHILD SEMICONDUCTOR

LOT: PMH010088888
FSID: FPF3040UCX
D/C1: P1215NA QTY1: SPEC REV: 2nd Level Interconnect
D/C2: QTY2: Green Component RoHS COMPLIANT
QTY: 3000 SPEC:

FAIRCHILD SEMICONDUCTOR
WLCSP Embossed Tape Dimension

Dimensions are in millimeters

<table>
<thead>
<tr>
<th>Package</th>
<th>Ao</th>
<th>Bo</th>
<th>D</th>
<th>D1</th>
<th>E</th>
<th>F</th>
<th>Ko</th>
<th>P1</th>
<th>Po</th>
<th>P2</th>
<th>T</th>
<th>Tc</th>
<th>W</th>
<th>Wc</th>
</tr>
</thead>
<tbody>
<tr>
<td>UC016AA</td>
<td>1.88</td>
<td>2.18</td>
<td>1.50</td>
<td>0.6</td>
<td>1.75</td>
<td>3.5</td>
<td>0.68</td>
<td>4</td>
<td>4</td>
<td>2.0</td>
<td>0.25</td>
<td>0.06</td>
<td>8</td>
<td>5.3</td>
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</tbody>
</table>

Notes: Ao, Bo, and Ko dimensions are determined with respect to the EIA /JEDEC RS-481 rotational and lateral movement requirements (see sketches A, B, and C).

20 deg maximum component rotation
Sketch A (Side or Front Sectional View) Component Rotation

0.5 mm maximum
Typical component cavity center line
Sketch C (Top View) Component lateral movement

Shipping Reel Dimension

Dimensions are in millimeters

<table>
<thead>
<tr>
<th>Tape Width</th>
<th>Dia A max</th>
<th>Dim B min</th>
<th>Dia C +.5/- .2</th>
<th>Dia D min</th>
<th>Dim N min</th>
<th>Dim W1 +2/-0</th>
<th>Dim W2 max</th>
<th>Dim W3 (LSL - USL)</th>
</tr>
</thead>
<tbody>
<tr>
<td>8</td>
<td>178</td>
<td>1.5</td>
<td>13</td>
<td>20.2</td>
<td>55</td>
<td>8.4</td>
<td>14.4</td>
<td>7.9~10.4</td>
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