### TOLERANCES

Unless otherwise specified, dimensions are in inches.

#### Tolerances are:

**Tolerances Are:**

<table>
<thead>
<tr>
<th>DECIMALS</th>
<th>ANGLES</th>
</tr>
</thead>
<tbody>
<tr>
<td>.XX:</td>
<td>.01[0.3]</td>
</tr>
<tr>
<td>.XXX:</td>
<td>.005[0.13]</td>
</tr>
<tr>
<td>.XXXX:</td>
<td>.002[0.051]</td>
</tr>
</tbody>
</table>

#### Notes:

1. **Standard Part Setup as ASP for VITA 57.4.**
2. **Represent a Critical Dimension.**
3. Minimum Pushout Force: 0.50 lbs.
4. Attach label "SEA X-0001" to each tape & reel package.
5. Dimension C8 must be measured using inspection fixture AT-1817-836-1, use CO-AU-WI-2003-M for process.
6. Measure first & last positions only, all row.
7. Parts to be packaged in tape & reel.

---

### Table: Parts List

<table>
<thead>
<tr>
<th>ITEM NO.</th>
<th>PART NUMBER</th>
<th>QUANTITY</th>
<th>MATERIAL</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>SEAM-20-03.5-04-A</td>
<td>1.0000</td>
<td>VECTRA E130i, COLOR: BLACK</td>
</tr>
<tr>
<td>2</td>
<td>NEW-SUB-T-1M36-03.5-5-2</td>
<td>80.000</td>
<td>COPPER ALLOY/LEAD FREE SOLDER</td>
</tr>
<tr>
<td>3</td>
<td>K-DOT-.236-.343-.005</td>
<td>1.0000</td>
<td>POLYMIDE FILM</td>
</tr>
<tr>
<td>4</td>
<td>CT-SEAM028MS</td>
<td>.00333</td>
<td>CONDUCTIVE POLYMER</td>
</tr>
</tbody>
</table>

---

### Sheet Information

- **Sheet of 0.050 pitch terminal array assembly:** ASP-186900-01
- **Description:** Do not scale drawing.
- **Drawing Scale:** 1:1
- **Plating:** Contact area: .000030 gold over .000050 nickel, remainder: .000200 ref tin over .000050 nickel.

---

**Samtec Information:**

520 PARK EAST BLVD, NEW ALBANY, IN 47150
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Code: 55322

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SECTION "A"-"A"
SCALE 8 : 1

USER DIRECTION OF UN-REELING POCKET NOT DETAILED

PACKAGING VIEW

DESCRIPTION:
.050 PITCH TERMINAL ARRAY ASSEMBLY

DWG. NO. ASP-186900-01

BY: D MOK 05/06/2015

F:\DWG\MISC\MKTG\ASP-186900-01-MKT.SLDDRW
CONNECTOR ASSEMBLY OUTLINE
OTHER COMPONENTS PLACED ON PCB SHALL AVOID THIS ZONE

RECOMMENDED PCB LAYOUT
ALL DIMENSIONS ARE SYMMETRIC ABOUT CENTERLINE

RECOMMENDED STENCIL LAYOUT
STENCIL TO BE .0060 [.152] THICK

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