NOTES:
1. VITA 57 CONNECTOR.
   POSITION NUMBERING NOT AVAILABLE AS STANDARD.
2. ☑️ REPRESENTS A CRITICAL DIMENSION.
3. MINIMUM PUSHER FORCE: 0.50 LBS.
4. DIMENSION C10 MUST BE MEASURED USING INSPECTION FIXTURE
   AT-1817-B36-2-USE CO-AU-WI-2003-M FOR PROCESS.
5. MAXIMUM ROW TO ROW VARIATION: 0.030 [0.08].
   MEASURED FIRST & LAST POSITIONS ONLY. ALL ROWS.
6. FOR QUANTITIES UP TO 49 PIECES, NO LEADER OR TRAILER WILL
   BE SUPPLIED. FOR QUANTITIES 50 - 124, NO LEADER OR TRAILER WILL BE SUPPLIED.
7. PARTS TO BE PACKAGED IN TAPE AND REEL.
   ATTACH LABEL "SEAX-0001" TO EACH TAPE & REEL PACKAGE.

ITEM NO. PART NUMBER QUANTITY MATERIAL
1       SEAM-40-03.5-10-A  1.0000 LCP, UL 94 V0, COLOR: BLACK
2       NEW-SUB-T-1M36-03.5-S-1  400.00 COPPER ALLOY / LEADED SOLDER
3       K-DOT-.404-.500-.005  1.0000 POLYIMIDE FILM
4       CT-SEAM033MS  1.0000 CONDUCTIVE POLYMER

ITEM NO. PART NUMBER QUANTITY MATERIAL

PLATING:
CONTACT AREA: .000030 GOLD OVER .000050 NICKEL
REMAINDER: .000200 REF TIN OVER .000050 NICKEL

SECTION "C" "C"
SCALE 3 : 1

SECTION "A" "B"
SCALE 4 : 1

.245 [6.22]
(INCLUDES K-DOT)

.050 [1.27]
(TYP)

.047 [1.194]
(TYP)

.035 [0.89]
REF

.050 [1.27]
(TYP)

.0175±.0030 [0.445±0.076]
(TYP)

.024±0.020 [0.62±0.051]
REF

.050 [1.27]
REF

.050 [1.27]
(TYP)

.011 [0.28]
REF

.010 [0.25]
(TYP)

.009 [0.23]
REF

.002±.003 [0.05±0.08]
(SEE NOTES 4 & 5)

TOLERANCES ARE:
DECIMALS ANGLES
XX: ± .01 [0.3] 2°
XXX: ± .005 [0.13] 5°

DO NOT SCALE DRAWING
SHEET SCALE: 1.5:1

520 PARK EAST BLVD. NEW ALBANY, IN 47150
PHONE: 812-944-6733       FAX: 812-948-5047
e-Mail   info@SAMTEC.com        code 55322

DESCRIPTION:
.050 PITCH TERMINAL ARRAY ASSEMBLY

BY: J. BROWNING 12/14/2018 | SHEET 1 OF 4
<table>
<thead>
<tr>
<th>Description</th>
<th>Dimensions</th>
</tr>
</thead>
<tbody>
<tr>
<td>0.025 [0.64] (TYP) (SURFACE MOUNT PAD)</td>
<td>2.196 [55.78]</td>
</tr>
<tr>
<td>0.0955 [2.426]</td>
<td></td>
</tr>
<tr>
<td>0.035 [0.89] NPTH (2 PLCS)</td>
<td></td>
</tr>
<tr>
<td>0.050 [1.270] (TYP)</td>
<td>1.950 [49.53]</td>
</tr>
<tr>
<td>0.060 [1.52]</td>
<td>0.450 [11.43]</td>
</tr>
</tbody>
</table>

**RECOMMENDED PCB LAYOUT**

All dimensions are symmetric about the centerline.
RECOMMENDED STENCIL LAYOUT
ALL DIMENSIONS ARE SYMMETRIC ABOUT THE CENTERLINE.
STENCIL TO BE .0060[0.152] THICK.
USER DIRECTION OF UN-REELING POCKET NOT DETAILED

SECTION "D" "D"
PACKAGING VIEW

REV. A

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PROPRIETARY NOTE

Sheets 4 of 4

DESCRIPTION:
.050 PITCH TERMINAL ARRAY ASSEMBLY

BY: J. BROWNING 12/14/2018

REV. A

520 PARK EAST BLVD, NEW ALBANY, IN 47150
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e-Mail: info@SAMTEC.com code 55322

FACTOR SCALE: 1.5:1

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REV. A