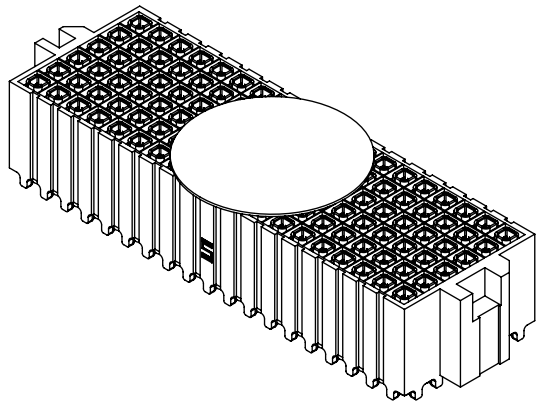
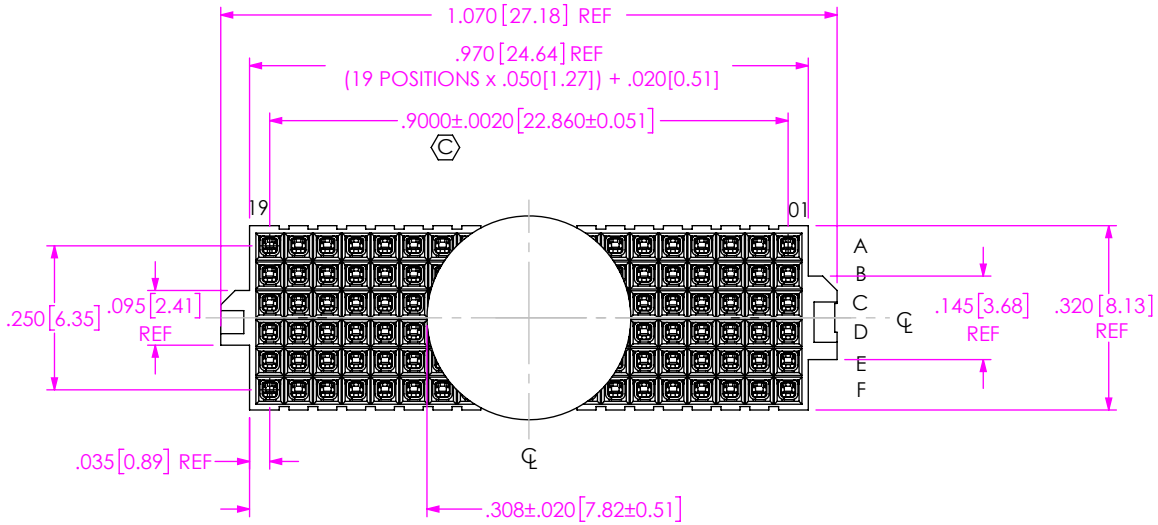
REVISION B

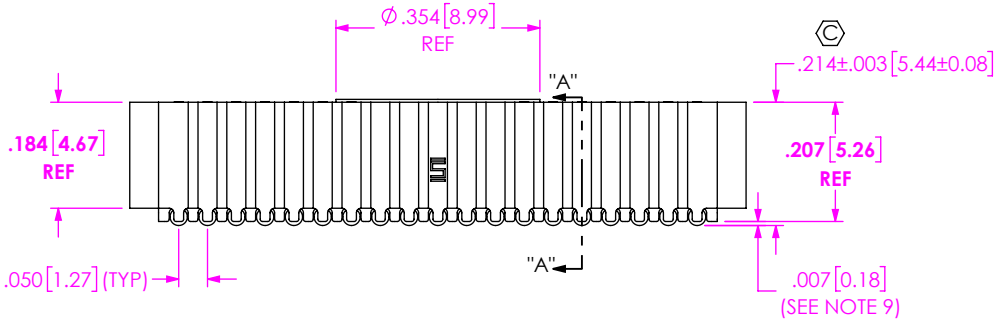
**ANY REV. MADE TO THIS PRINT MUST HAVE AN UPDATED MKT PRINT**

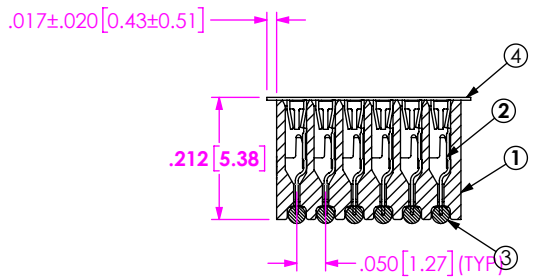
DO NOT SCALE FROM THIS PRINT

NOTES:
1. **CONNECTOR HEIGHT NOT AVAILABLE AS STANDARD.**
2. Ⓒ REPRESENTS A CRITICAL DIMENSION.
3. Ⓒ CONTACT TO BE FLUSH ±.002[0.05] TO BE MEASURED AT ALL 4 CORNERS. DO NOT MEASURE ON THE BREAK-OFF SURFACE.
4. PARTS TO BE PACKAGED IN TAPE & REEL. FOR QUANTITIES LESS THAN 125 PCS, NO TRAILER OR LEADER WILL BE SUPPLIED.
5. DELETED.
6. MINIMUM PUSHOUT FORCE: .5 LB
7. ONE REEL MINIMUM PLATING REQUIREMENT (85,000 CONTACTS PER REEL).
8. ALL DIMS TO BE SYMMETRICAL ABOUT THE CENTERLINE WITHIN ±.001[0.03].
9. MAXIMUM VARIATION BETWEEN SOLDERBALLS: .0025[0.064]
10. REFER TO VISUAL INSPECTION BOARD FOR SOLDERBALL APPEARANCE CHECKS.
11. THE DISTANCE FROM THE CENTER OF ANY SOLDERBALL TO THE CENTER OF ANY ADJACENT INNER PEG SHALL BE .025±.005[0.64±0.13].
12. SOLDER JOINTS TO BE INSPECTED PER IPC SPECIFICATION 12.2.12 (IPC-A-610C).






SECTION "A"-"A"

| ITEM NO. | PART NUMBER | QUANTITY | MATERIAL |
|---|---|---|---|
| 1 | **ASP-167045-01-B** | 1.0000 | LCP, COLOR: BLACK |
| 2 | **ASP-190171-02-P-H-SUB** | 114.00 | PHOS BRONZE |
| 3 | SDB-030-6337 | 114.00 | 63% TIN /37% LEAD |
| 4 | K-DOT-.354-.469-.005 | 1.0000 | POLYIMIDE FILM |
| 5 | CT-ASP1949MS | .00222 | CONDUCTIVE POLYMER |

Ⓒ

UNLESS OTHERWISE SPECIFIED, DIMENSIONS ARE IN INCHES.

TOLERANCES ARE:

DECIMALS
.XX: ±.01[0.3]
.XXX: ±.005[0.13]
.XXXX: ±.0020[0.051]

ANGLES
2 °


* PROPRIETARY NOTE *

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DO NOT SCALE DRAWING

SHEET SCALE: 3:1

PLATING:
CONTACT AREA: .000030 GOLD OVER .000050 NICKEL
REMAINDER: .000003 GOLD OVER .000050 NICKEL

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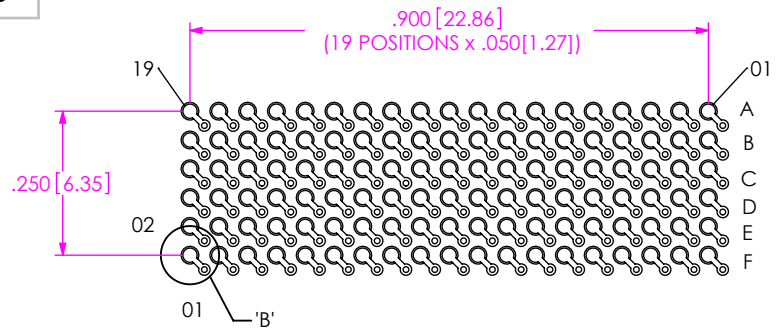

samtec
520 PARK EAST BLVD, NEW ALBANY, IN 47150
PHONE: 812-944-6733 FAX: 812-948-5047
e-Mail info@SAMTEC.com code 55322

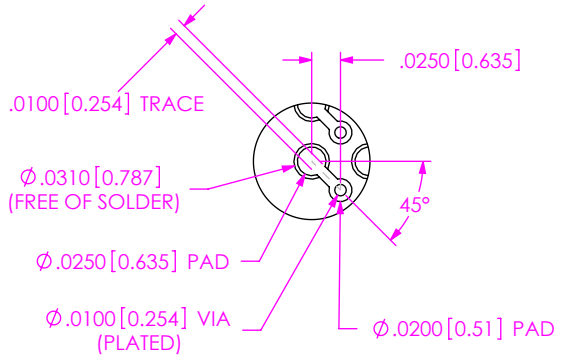

DESCRIPTION:
LEADED VITA 42 ASSEMBLY

DWG. NO.
ASP-189983-01

BY: J. BROWNING 11/04/2015

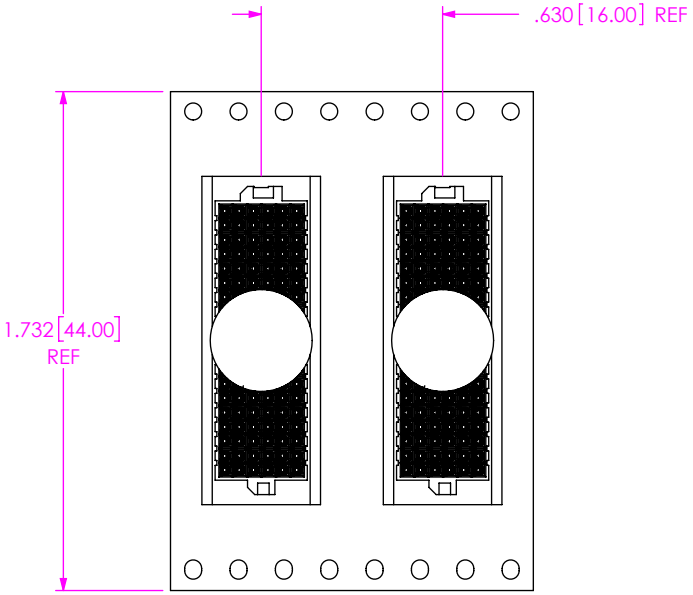
REVISION B



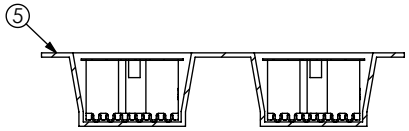




DETAIL 'B'

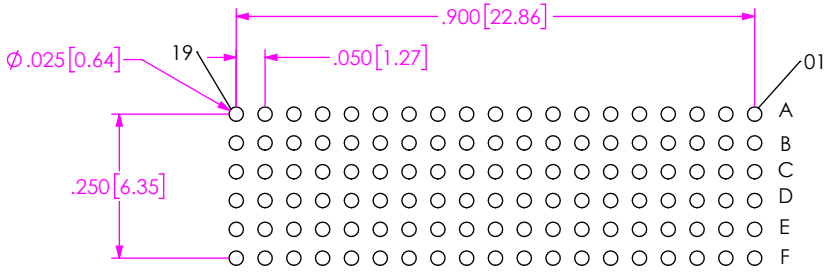
RECOMMENDED MAIN BOARD LAYOUT




USER DIRECTION OF UN-REELING
POCKET NOT DETAILED




PACKAGING VIEW




RECOMMENDED STENCIL LAYOUT
STENCIL TO BE .0060 [0.152] THICK


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e-Mail info@SAMTEC.com code 55322


SHEET SCALE: 3:1

DESCRIPTION: LEADED VITA 42 ASSEMBLY

DWG. NO. ASP-189983-01

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BY: J. BROWNING 11/04/2015