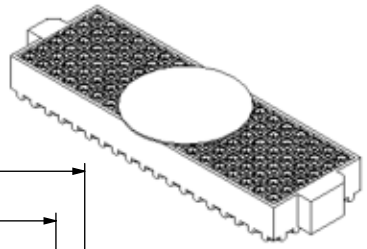
REVISION E

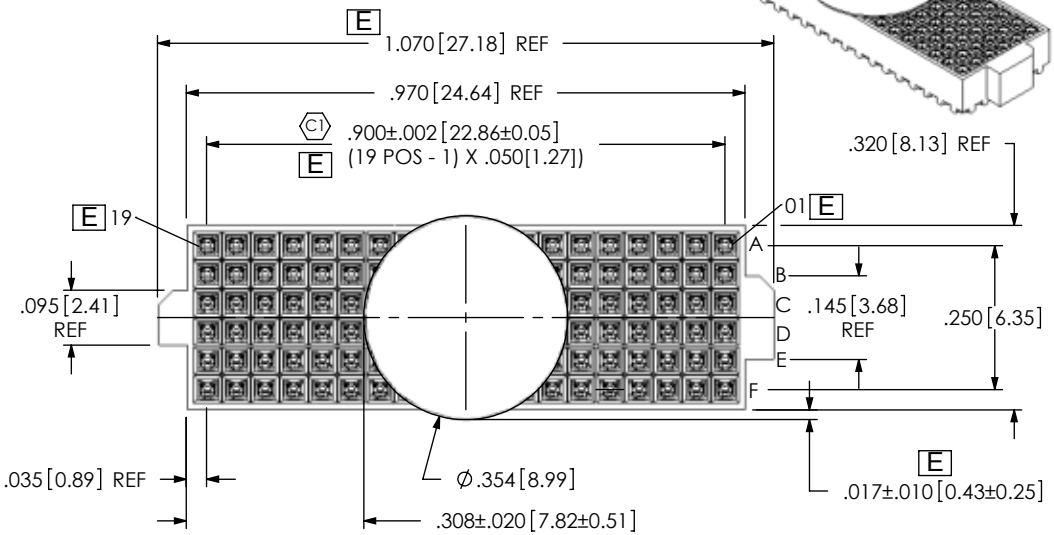
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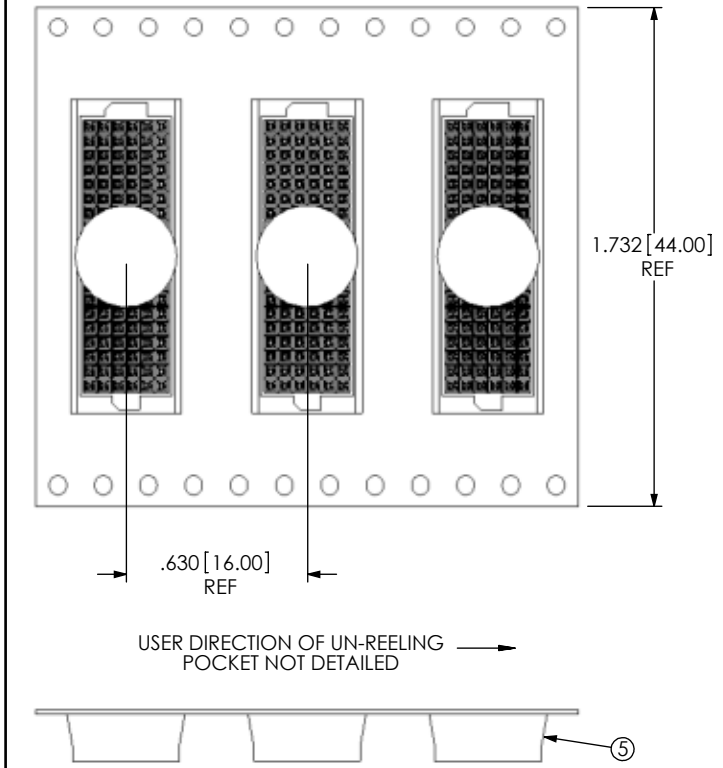
NOTES: [E]

1. USE LEAD FREE SOLDER BALLS & ASP-103597-01-B BODY FOR NON-STANDARD 19 POSITION.
2. ⓒ REPRESENTS A CRITICAL DIMENSION.
3. BURR ALLOWANCE: .0005[0.013] MAX.
4. MINIMUM PUSHOUT FORCE: .5 LB.
5. MAXIMUM ALLOWABLE BOW: .002[0.05] INCH/INCH AFTER ASSEMBLY.
6. CONTACT TO BE FLUSH TO .003[0.08] RECESSED.
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. .0025[0.064] MAX VARIATION BETWEEN SOLDERBALLS.
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. PARTS TO BE PACKAGED IN TAPE & REEL. FOR QTY`S LESS THAN 125 PCS, NO TRAILER OR LEADER WILL BE SUPPLIED.

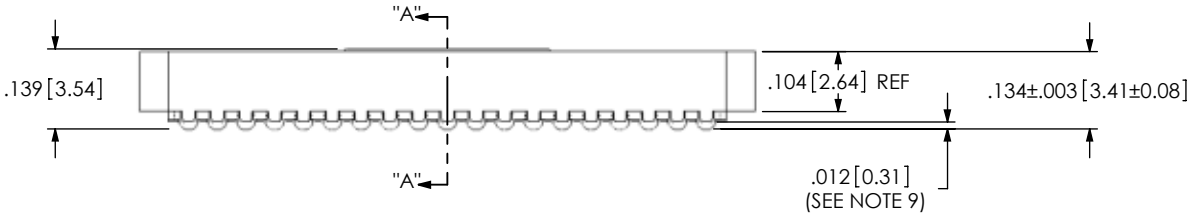
[E] **ANY REV MADE TO THIS PRINT MUST HAVE AN UPDATED MKT PRINT**

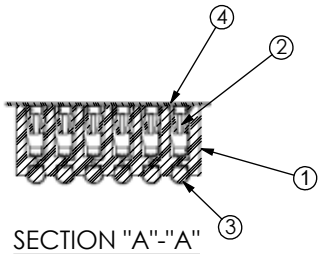






PACKAGING VIEW





SECTION "A"-"A"

ITEM NO.	PART NUMBER	QUANTITY	MATERIAL
1	**ASP-103597-01-B**	1.0000	UL 94 V0, COLOR: BLACK
2	C-226-03-H	114.00	PHOS BRONZE, 521 HARD TEMPER
3	SDB-030-9653	114.00	96.5% Sn/3% Ag/.5% Cu
4	K-850-650	1.0000	POLYIMIDE FILM
5	CT-ASP1132MS	.0015	CONDUCTIVE POLYMER

[E]

UNLESS OTHERWISE SPECIFIED, DIMENSIONS ARE IN INCHES.
TOLERANCES ARE:
DECIMALS: .XX: ±.01, .XXX: ±.005, .XXXX: ±.0020
ANGLES: 2°

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

DO NOT SCALE DRAWING SHEET SCALE: 3:1

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

[E]

DESCRIPTION: VITA 42 LIF (LEAD FREE) SOCKET ASSEMBLY

DWG. NO. ASP-103612-04

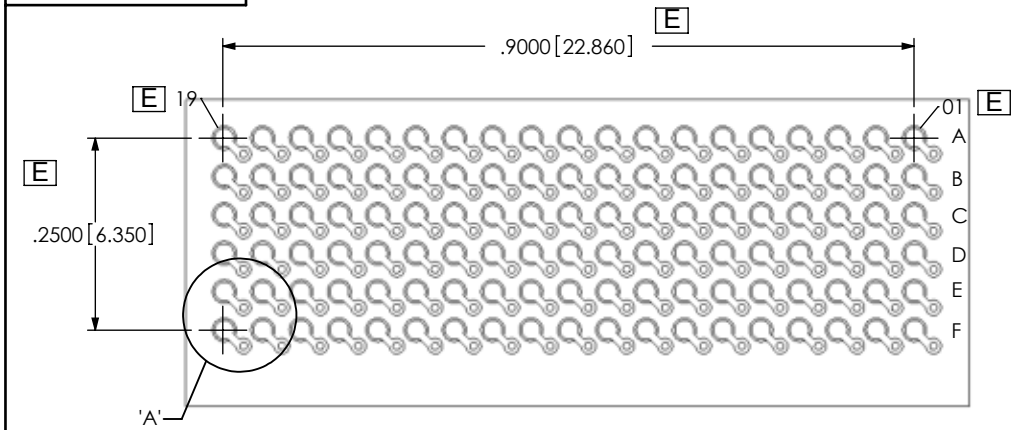
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BY: RRC 10/13/06 SHEET 1 OF 2

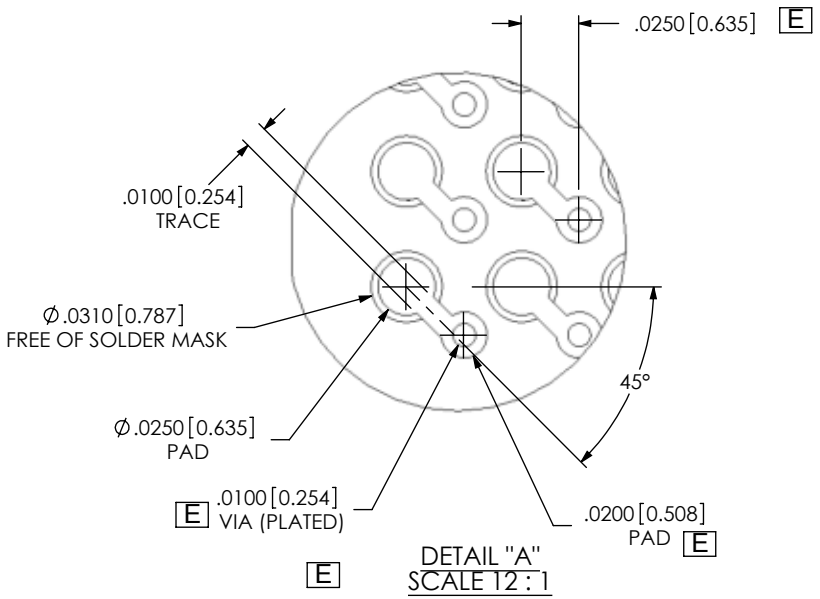
ASP-103612-04

REVISION E

RECOMMENDED BOARD LAYOUT

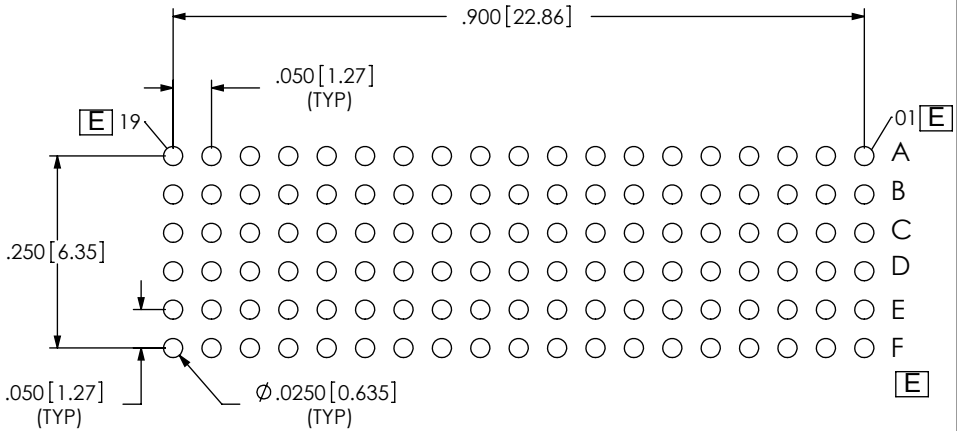


NOTE:
OUTER ROWS MAY NOT NEED VIAS - THIS IS LEFT TO THE DISCRETION OF THE BOARD DESIGNER.



RECOMMENDED STENCIL LAYOUT

E STENCIL TO BE .0060[0.152] THICK



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PHONE: 812-944-6733 FAX: 812-948-5047
e-Mail info@SAMTEC.com code 55322

E SHEET SCALE: 4:1

DESCRIPTION: VITA 42 LIF (LEAD FREE) SOCKET ASSEMBLY

DWG. NO. ASP-103612-04

F:\DWG\MISC\MKTG\ASP-103612-04-MKT.SLDDRW

BY: RRC 10/13/06