ASP-103612-08

REVISION

E	TW	B RAY
3/16/2012	ECN-174121	

TITLE BLOCK: CHG ".050 MULTI ROW SOCKET ASSEMBLY" TO "VITA 42 (LEADED) SOCKET ASSEMBLY"; TOP VIEW: CHG 01 & 19 LEADERS FROM BOTTOM TO TOP POSITIONS, CHG "(19 POS -1) X .0500..." TO "18 POS" X .0500", REVERSE ROWS A-F LEADERS; BOM: ITEM 1 MATERIAL: CHG "VECTRA E130I..." TO " LCP, UL 94 V0..."; SHT 2: REC. BOARD LAYOUT: CHG 01 & 19 LEADERS FROM BOTTOM TO TOP POSITIONS, CHG DETAIL 'A' TO 'B', REVERSE ROWS A-F LEADERS, CHG "(6 ROWS - 1) X .0500[1.27]" TO ".9000", CHG (6 ROWS -1) X .0500[1.27" TO ".2500" ; ADD RECOMMENDED STENCIL LAYOUT

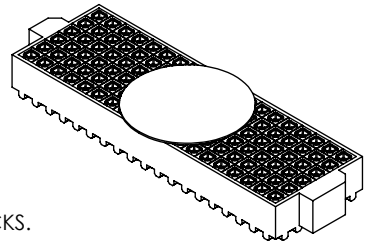
F	JW	T Meek
3/26/2012	ECN-174874	

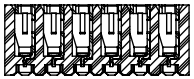
DEL PACKAGING VIEW; BOM, ITEM 5: CHG PT-1-24-01-61 TO TY-YFS004-19-3-6; DEL ITEM 6; NOTES, NOTE 12: CHG "... IN TUBES" TO "... IN TRAYS"; ADD CPC SYMBOLS & INSPECTION TABLE.

BY SIGNING THIS DOCUMENT YOU ARE ACCEPTING THE CONDITIONS SET WITHIN. YOUR REQUIREMENTS MUST BE LISTED WITHIN THIS DRAWING. WHERE NO DIRECTION FROM THE CUSTOMER IS IDENTIFIED SAMTEC'S PROCESS REQUIREMENTS WILL BE USED.

DATE: _____ COMPANY: _____ CUSTOMER SIGNATURE: _____ PRINTED NAME: _____ PHONE No: _____ EXCEPTIONS: _____

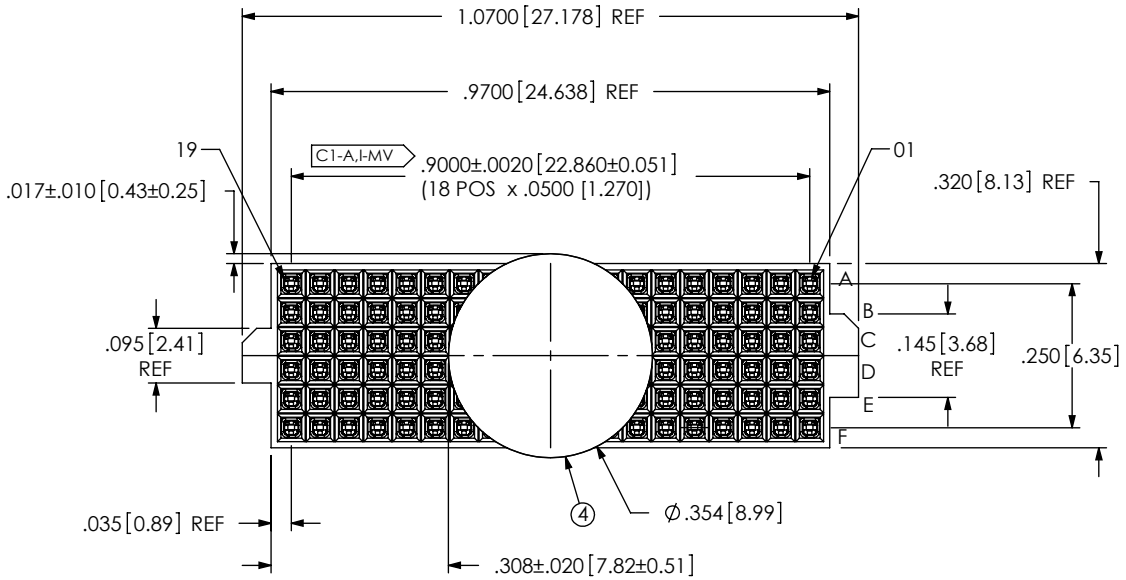
NOTES:
1. **ASP-103597-01-B BODY FOR NON-STANDARD 19 POSITION.**
2. CX-XX-XX REPRESENTS A CRITICAL DIMENSION.
3. MAXIMUM BURR ALLOWANCE: .0005[0.013].
4. MINIMUM PUSHOUT FORCE: .5 LB.
5. CONTACT TO BE FLUSH TO ±.002[0.05] RECESSED. C2-B-DG
6. ONE REEL MINIMUM PLATING REQUIREMENT (85,000 CONTACTS PER REEL).
7. ALL DIMS TO BE SYMMETRICAL ABOUT THE CENTERLINE WITHIN ±.001[0.03].
8. .0025[0.064] MAX VARIATION BETWEEN SOLDERBALLS.
9. REFER TO VISUAL INSPECTION BOARD FOR SOLDERBALL APPEARANCE CHECKS.
10. THE DISTANCE FROM THE CENTER OF ANY SOLDERBALL TO THE CENTER OF ANY ADJACENT INNER PEG SHALL BE .025±.005[0.64±0.13].
11. SOLDER JOINTS TO BE INSPECTED PER IPC SPECIFICATION 12.2.12 (IPC-A-610C).
F 12. PARTS TO BE PACKAGED IN TRAYS.

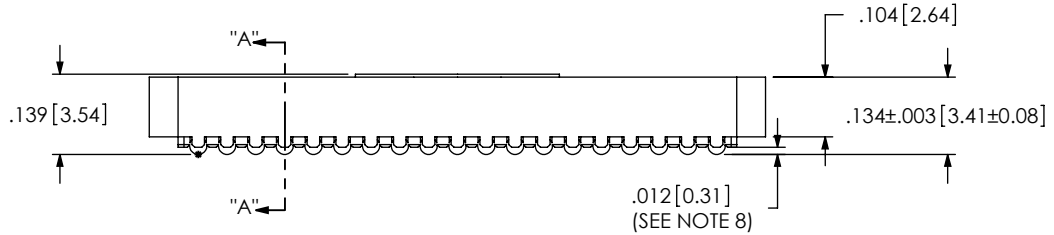


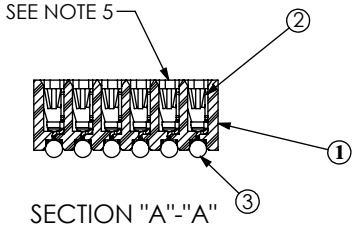


IN-PROCESS WITHOUT SOLDERBALLS

CRITICAL DIMENSION INSPECTION INSTRUCTION TABLE	
ASSEMBLY OPERATION	IN-PROCESS INSPECTION
FILL C-226-03-H	C1, C2
FINISHED GOOD INSPECTION	C1







SECTION "A"-"A"

ITEM NO.	PART NUMBER	QUANTITY	MATERIAL
1	**ASP-103597-01-B**	1.0000	LCP,UL 94 V0, COLOR: BLACK
2	C-226-03-H	114.00	PHOS BRONZE, 521 HARD TEMPER
3	SDB-030-6337	114.00	63% TIN / 37% LEAD
4	K-850-650	1.0000	POLYIMIDE FILM
5	TY-YFS004-19-3-6	.01539	HIPS

F

NON STANDARD

COMPONENT	X
ASSEMBLY	
TOOLING	
PROCESS	
PACKAGING	
OTHER	

UNLESS OTHERWISE SPECIFIED, DIMENSIONS ARE IN INCHES.
TOLERANCES ARE:
DECIMALS
.XX: ±.01
.XXX: ±.005
.XXXX: ±.0020
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 FLASH GOLD OVER .000050 NICKEL

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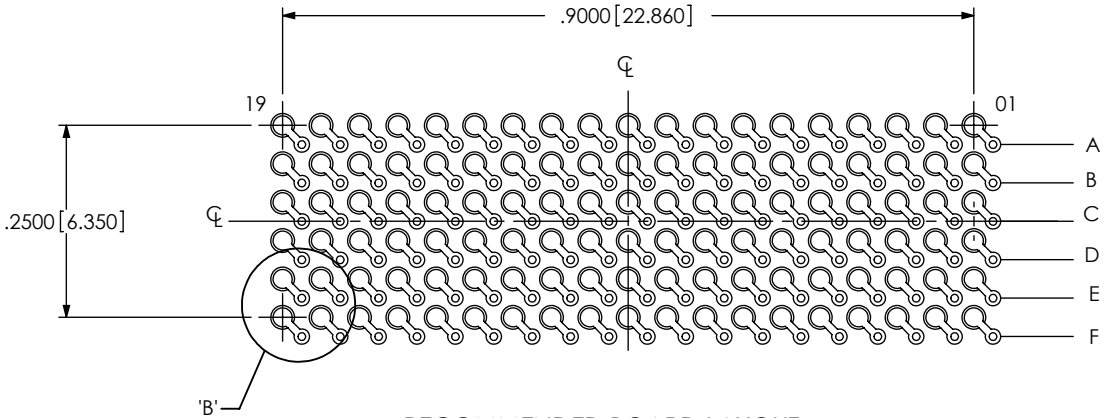
DESCRIPTION: VITA 42 (LEADED) SOCKET ASSEMBLY

DWG. NO. ASP-103612-08

BY: G. PURVIS 5/4/2007 SHEET 1 OF 2

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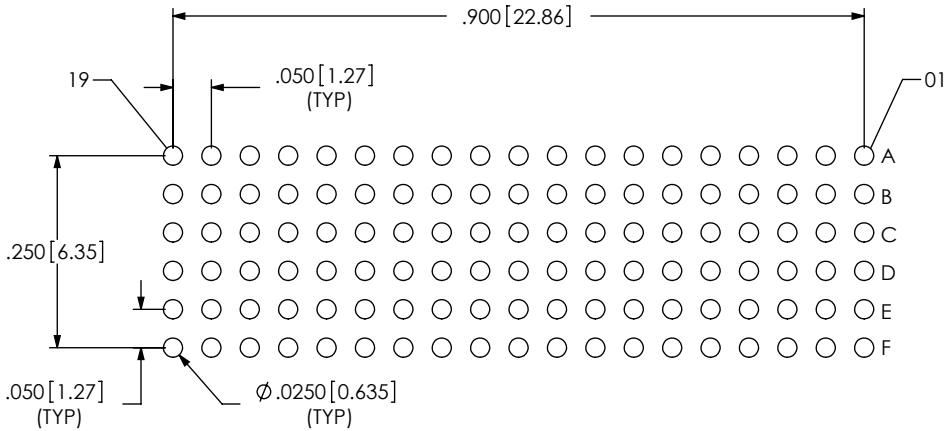
REVISION F



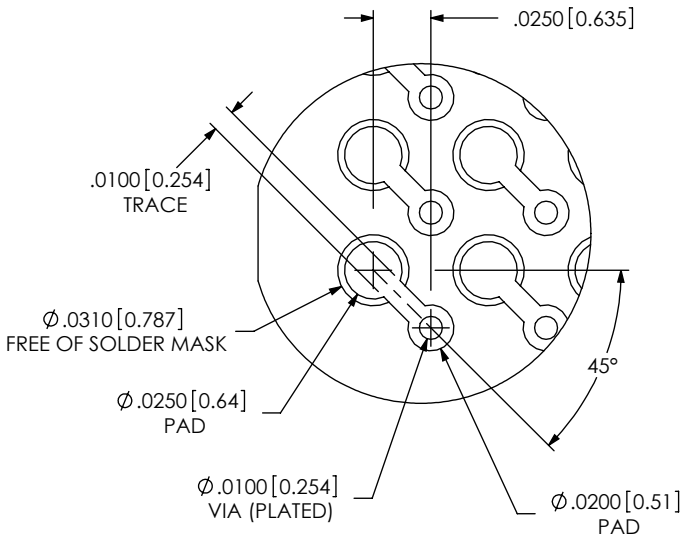
RECOMMENDED BOARD LAYOUT

RECOMMENDED STENCIL LAYOUT

STENCIL TO BE .0060[.152] THICK



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



DETAIL 'B'
SCALE 12 : 1

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SHEET SCALE: 3:1

DESCRIPTION: VITA 42 (LEADED) SOCKET ASSEMBLY

DWG. NO. ASP-103612-08

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BY: G. PURVIS 5/4/2007