

ASP-103612-08

REVISION

E	TW	B RAY
3/16/2012		ECN-174121
TITLE BLOCK: CHG "0.050 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 "VICTRA E130..." TO "LCP, UL 94 V0..."; SMT 2: REC. BOARD LAYOUT; CHG 01 & 19 LEADERS FROM BOTTOM TO TOP POSITIONS, CHG DETAIL "A" TO "B", REVERSE ROWS A-F LEADERS, CHG "16 ROWS -1) X .0500(1.27)" TO "1.9000", CHG "16 ROWS -1) X .0500(1.27)" TO "1.2500"; ADD RECOMMENDED STENCIL LAYOUT		

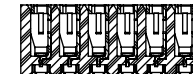
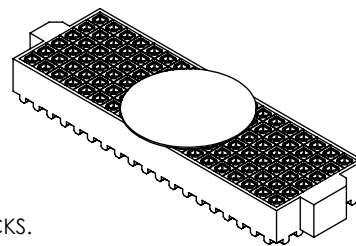
F	JW	T/Meek
3/26/2012		ECN-174874
DEL PACKAGING VIEW; BOM, ITEM 5: CHG PT-1-24-01-81 TO TY-YFS004-19-3-6; DEL ITEM 6; NOTES, NOTE 12: CHG "... IN TUBES" TO "... IN TRAYS"; ADD CPC SYMBOLS & INSPECTION TABLE		

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.

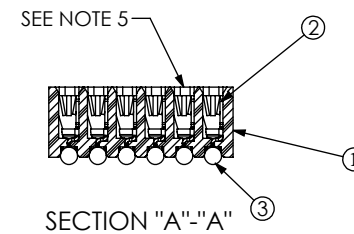
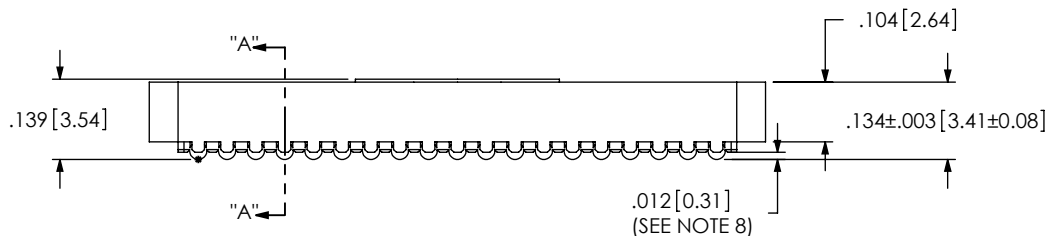
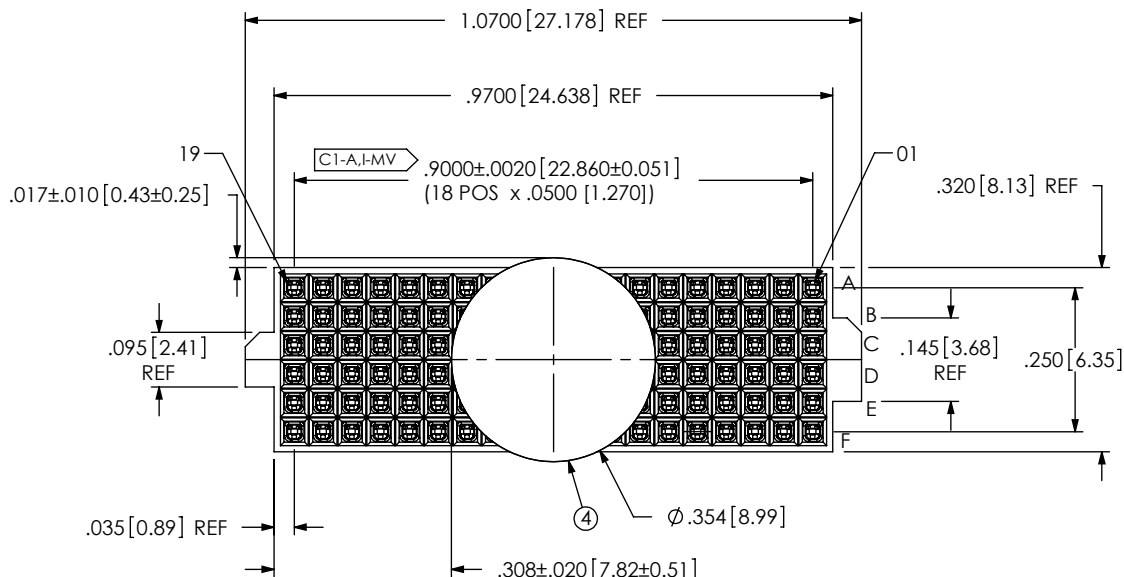
DATE: _____
COMPANY: _____
CUSTOMER SIGNATURE: _____
PRINTED NAME: _____
PHONE NO.: _____
EXCEPTIONS: _____

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 $\pm .002[0.05]$ 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 $\pm .001[0.03]$.
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 $.025 \pm .005[0.64 \pm 0.13]$.
11. SOLDER JOINTS TO BE INSPECTED PER IPC SPECIFICATION 12.2.12 (IPC-A-610C).
12. PARTS TO BE PACKAGED IN TRAYS.



IN-PROCESS WITHOUT SOLDERBALLS



SECTION "A"- "A"

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

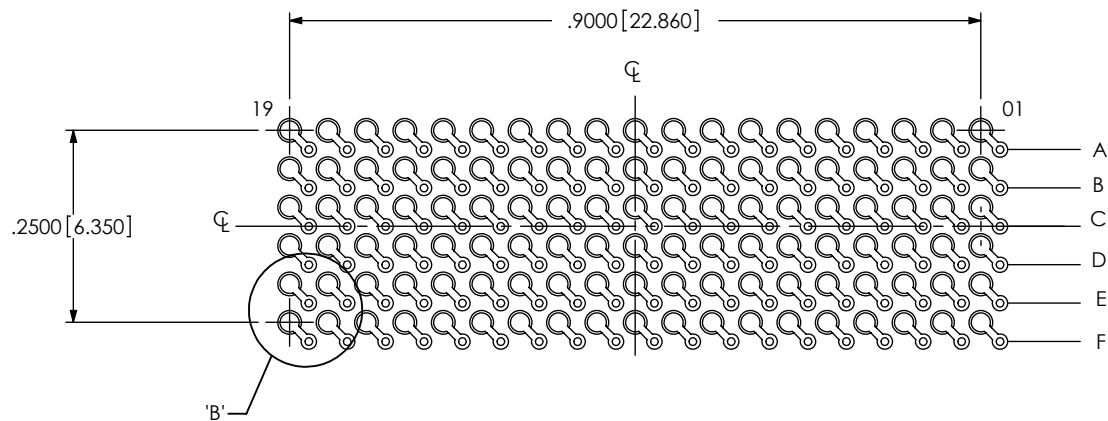
NON STANDARD		UNLESS OTHERWISE SPECIFIED, DIMENSIONS ARE IN INCHES. TOLERANCES ARE: DECIMALS ANGLES .XX: $\pm .01$.XXX: $\pm .005$.XXXX: $\pm .0020$	PROPRIETARY NOTE THIS DOCUMENT CONTAINS INFORMATION CONFIDENTIAL AND PROPRIETARY TO SAMTEC, INC. AND SHALL NOT BE REPRODUCED OR TRANSFERRED TO OTHER DOCUMENTS OR DISCLOSED TO OTHERS OR USED FOR ANY PURPOSE OTHER THAN THAT WHICH IT WAS OBTAINED WITHOUT THE EXPRESSED WRITTEN CONSENT OF SAMTEC, INC.	DESCRIPTION: VITA 42 (LEADED) SOCKET ASSEMBLY DWG. NO. ASP-103612-08 BY: G. PURVIS 5/4/2007 SHEET 1 OF 2
COMPONENT	X			
ASSEMBLY				
TOOLING				
PROCESS				
PACKAGING				
OTHER				

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samtec520 PARK EAST BLVD, NEW ALBANY, IN 47150
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email: info@SAMTEC.COM

DO NOT SCALE DRAWING SHEET SCALE: 3:1

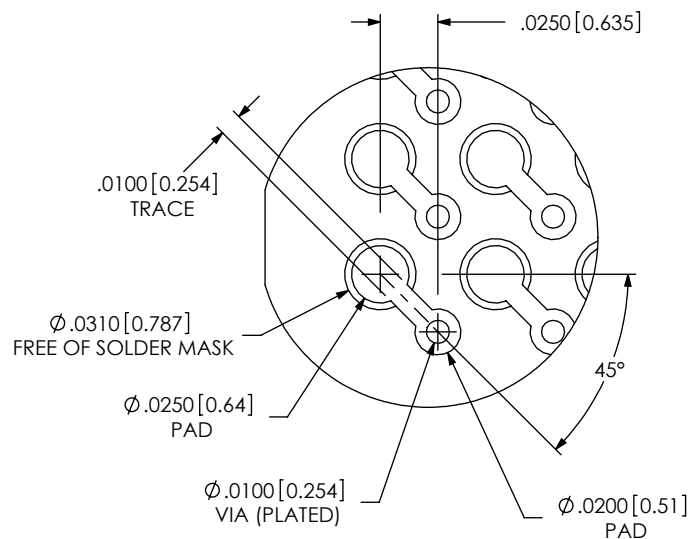
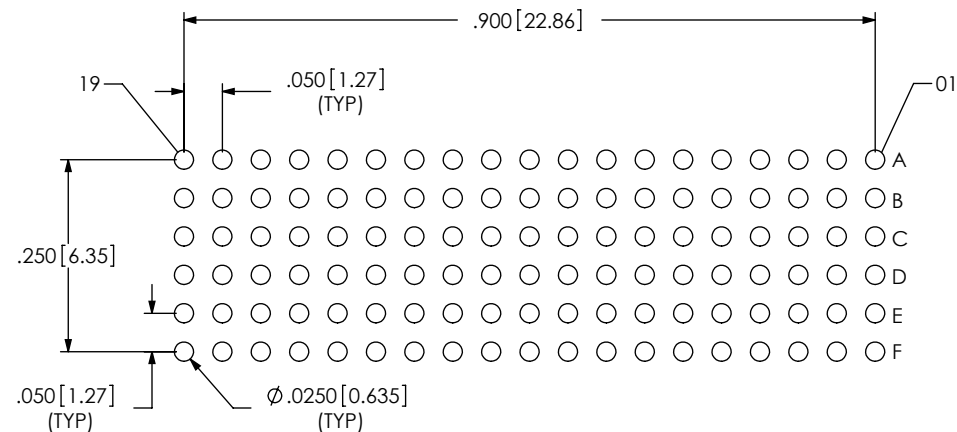
PLATING:
CONTACT AREA: .000030 GOLD OVER .000050 NICKEL
REMAINDER: .000003 FLASH GOLD OVER .000050 NICKEL



RECOMMENDED BOARD LAYOUT

RECOMMENDED STENCIL LAYOUT
STENCIL TO BE .0060 [0.152] 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

samtec

520 PARK EAST BLVD, NEW ALBANY, IN 47150
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DESCRIPTION:
VITA 42 (LEADED) SOCKET ASSEMBLY

DWG. NO.
ASP-103612-08

BY: G. PURVIS 5/4/2007

SHEET 2 OF 2

Mouser Electronics

Authorized Distributor

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