

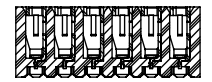
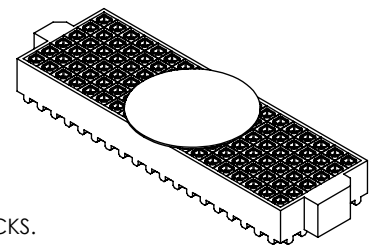
REVISION

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 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 "19000"; 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-1-24-01-81 TO TY-YFS04-19-3-6; DEL ITEM 6; NOTES, NOTE 12: CHG "... IN TUBES" TO "... IN TRAYS"; ADD CPC SYMBOLS & INSPECTION TABLE		

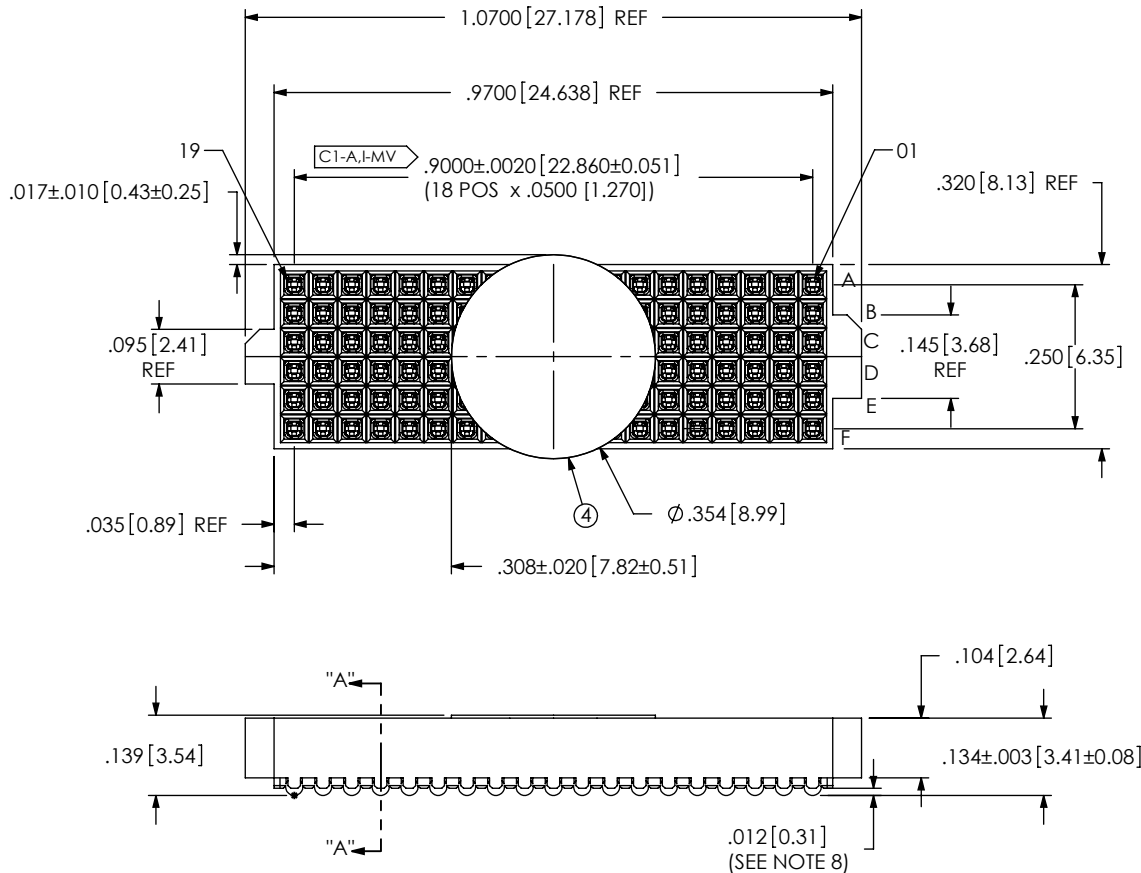
BY SIGNING THIS DOCUMENT YOU ARE ACCEPTING THE CONDITIONS SET WITHIN. YOUR REQUIREMENTS MUST BE LISTED WITHIN THIS DRAWING. WHERE NO DIRECTION FROM THE CUSTOMER IS IDENTIFIED SAMTEC'S PROCESS REQUIREMENTS WILL BE USED.

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

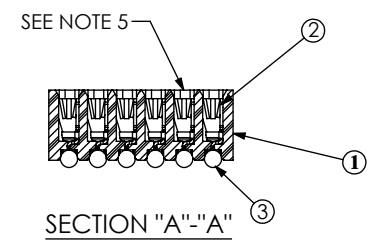
- NOTES:
1. ASP-103597-01-B BODY FOR NON-STANDARD 19 POSITION.
 2. [C-X-XX-XX] REPRESENTS A CRITICAL DIMENSION.
 3. MAXIMUM BURR ALLOWANCE: .0005[0.013].
 4. MINIMUM PUSHOUT FORCE: .5 LB.
 5. CONTACT TO BE FLUSH TO ±.002[0.05] RECESSED. [C2-B-DG]
 6. ONE REEL MINIMUM PLATING REQUIREMENT (85,000 CONTACTS 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).
 12. PARTS TO BE PACKAGED IN TRAYS.



IN-PROCESS WITHOUT SOLDERBALLS



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



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

NON STANDARD		UNLESS OTHERWISE SPECIFIED, DIMENSIONS ARE IN INCHES. TOLERANCES ARE: DECIMALS ANGLES .XX: ±.01 .XXX: ±.005 .XXXX: ±.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.
COMPONENT	X		
ASSEMBLY			
TOOLING			
PROCESS			
PACKAGING			
OTHER			

DO NOT SCALE DRAWING SHEET SCALE: 3:1

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

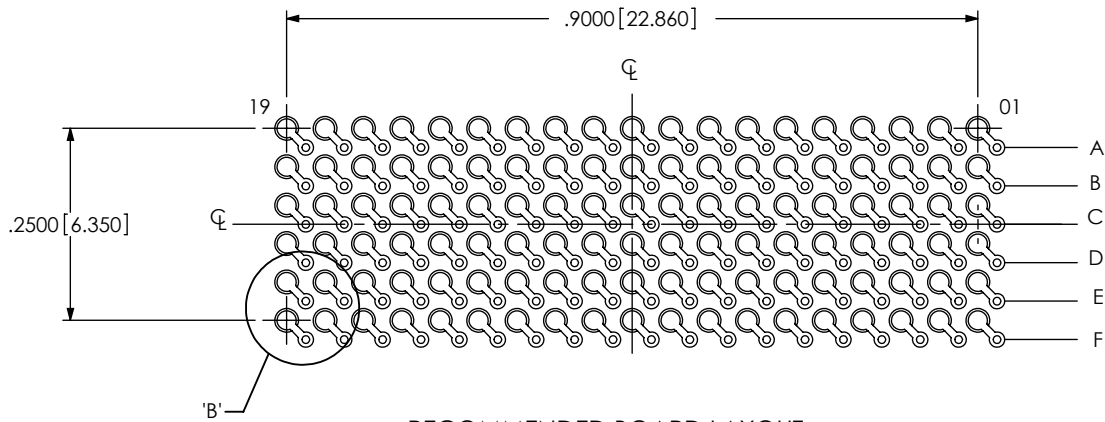
F:\DWG\SW\ASP\103000\asp-103612-08.slddrw

520 PARK EAST BLVD, NEW ALBANY, IN 47150
 PHONE: 812-944-6733 FAX: 812-948-5047
 email: info@SAMTEC.COM

DESCRIPTION: VITA 42 (LEADED) SOCKET ASSEMBLY

DWG. NO. ASP-103612-08

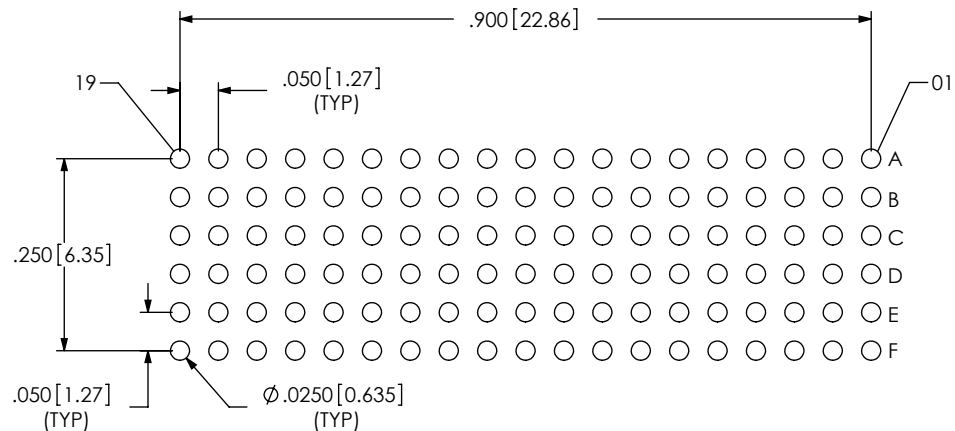
BY: G. PURVIS 5/4/2007 SHEET 1 OF 2



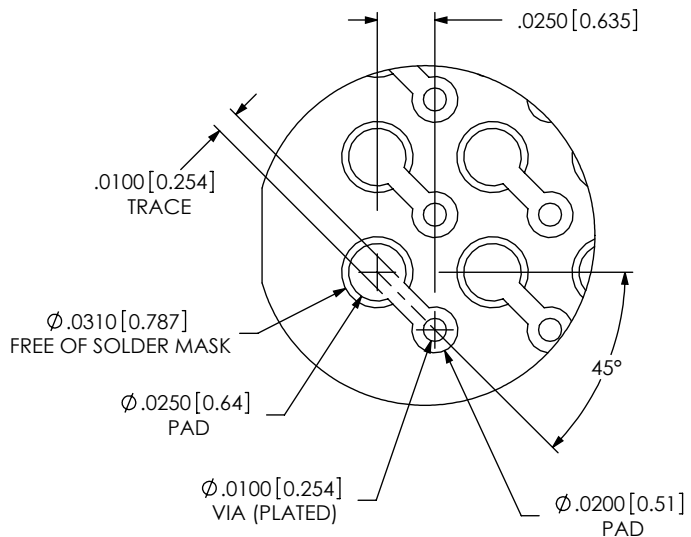
RECOMMENDED BOARD LAYOUT

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

PROPRIETARY NOTE

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520 PARK EAST BLVD, NEW ALBANY, IN 47150
PHONE: 812-944-6733 FAX: 812-948-5047
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SHEET SCALE: 3:1

DESCRIPTION:
VITA 42 (LEADED) SOCKET ASSEMBLY

DWG. NO.
ASP-103612-08

BY: G. PURVIS 5/4/2007

SHEET 2 OF 2