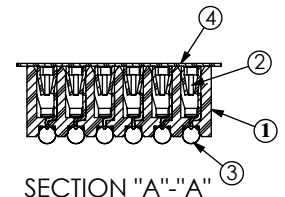
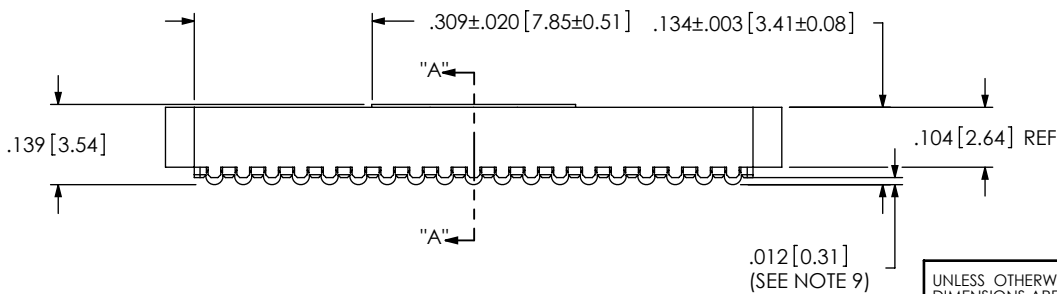
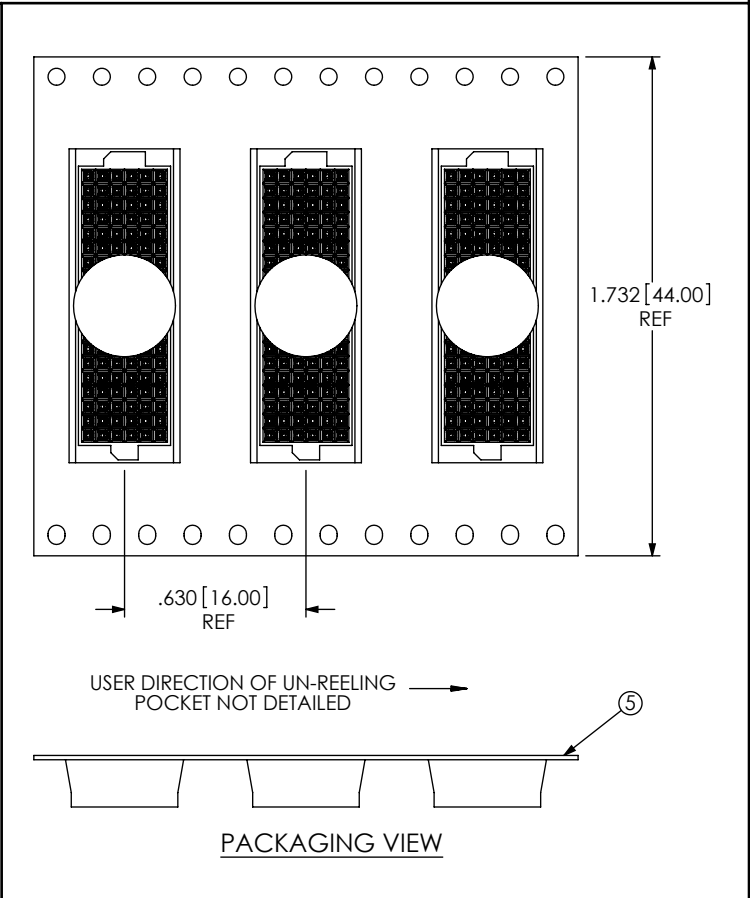
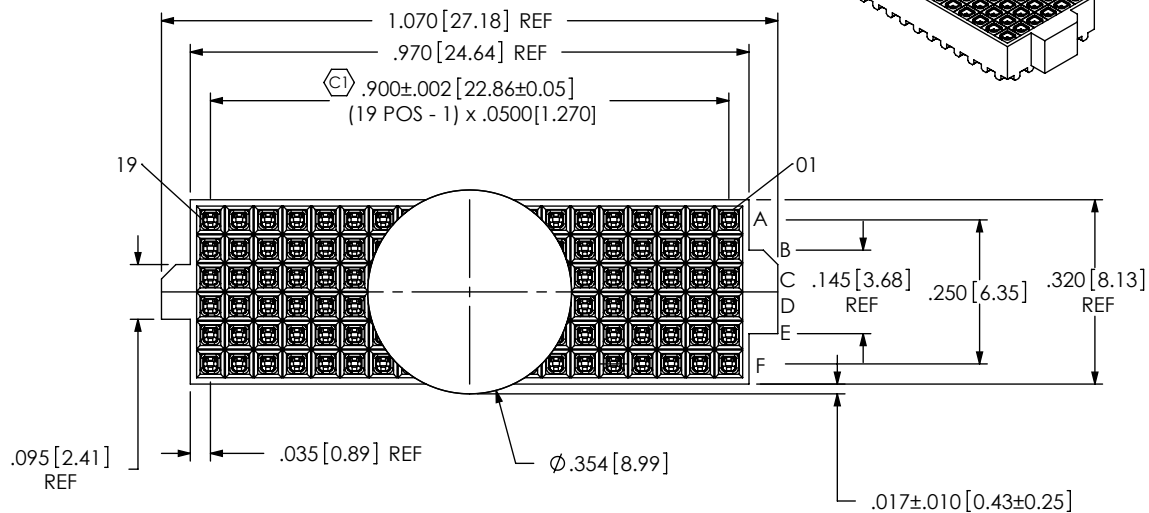
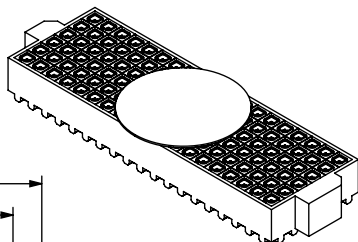


DO NOT SCALE FROM THIS PRINT

NOTES:

1. USE 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 ±.002[0.05].
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. PARTS TO BE PACKAGED IN TAPE & REEL. FOR QTY'S LESS THAN 125 PCS, NO TRAILER OR LEADER WILL BE SUPPLIED.
13. **LEAD FREE SOLDER BALLS.**



ITEM NO.	PART NUMBER	QUANTITY	MATERIAL
1	ASP-103597-01-B	1.0000	UL 94 V0, COLOR: BLACK
2	C-140-03-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	1.0000	CONDUCTIVE POLYMER

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

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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

F:\DWG\MISC\MKTG\ASP-103612-02-MKT.SLDDRW

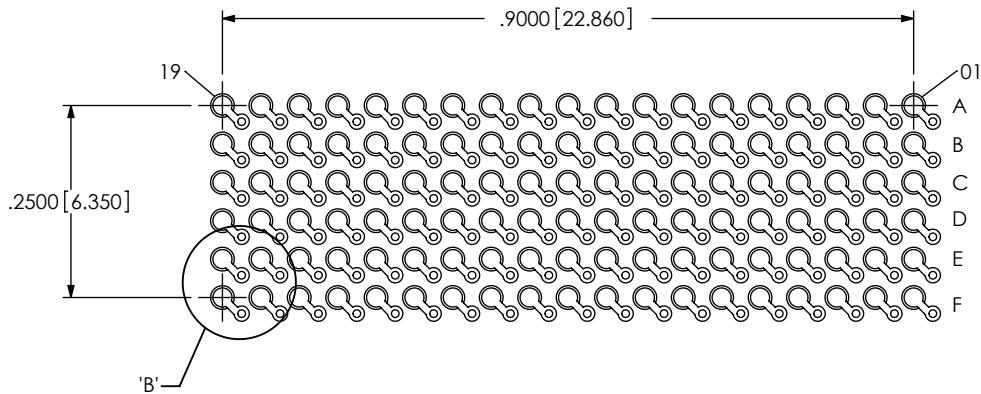
samtec
 520 PARK EAST BLVD, NEW ALBANY, IN 47150
 PHONE: 812-944-6733 FAX: 812-948-5047
 e-Mail: info@SAMTEC.com code 55322

DESCRIPTION:
 VITA 42 (LEAD FREE) SOCKET ASSEMBLY

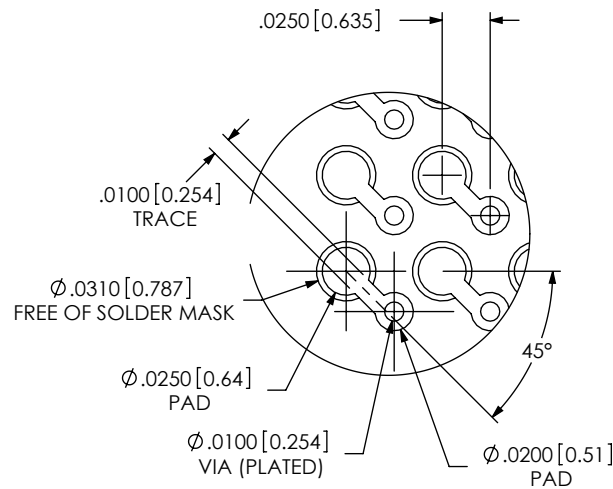
DWG. NO.
ASP-103612-02

BY: WHELAN 09/12/06 SHEET 1 OF 2

RECOMMENDED BOARD LAYOUT

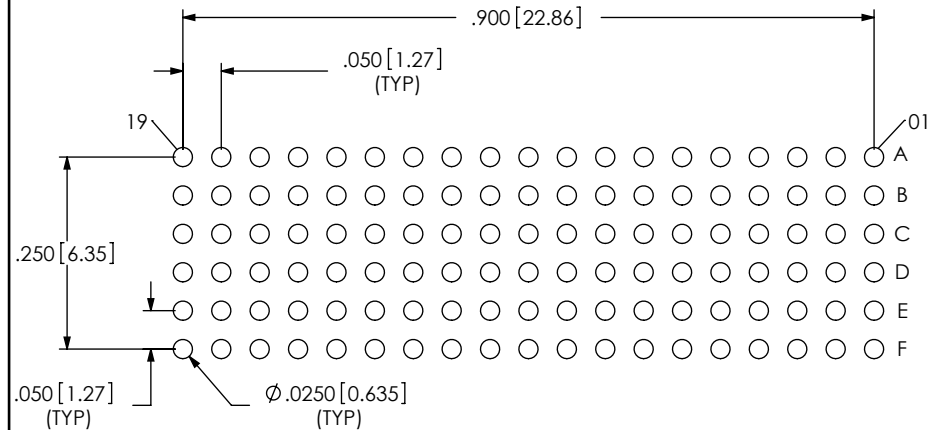


NOTE:
OUTER ROWS MAY NOT NEED VIAS - THIS IS LEFT TO
THE DISCRETION OF THE BOARD DESIGNER.



DETAIL 'B'
SCALE TO: 1

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



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e-Mail: info@SAMTEC.com code 55322

SHEET SCALE: 4:1

DESCRIPTION:
VITA 42 (LEAD FREE) SOCKET ASSEMBLY

DWG. NO.
ASP-103612-02