

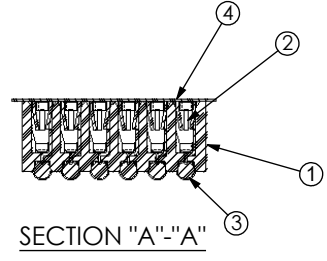
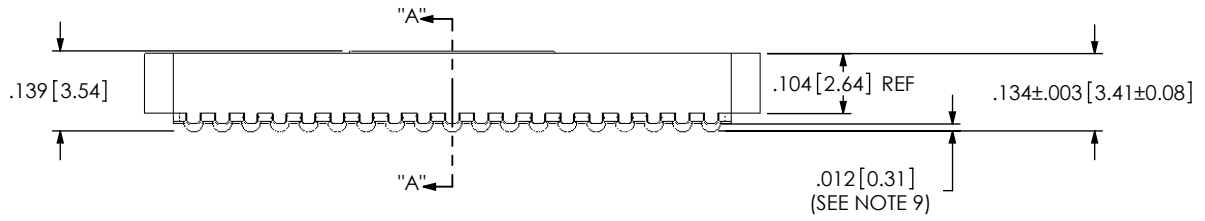
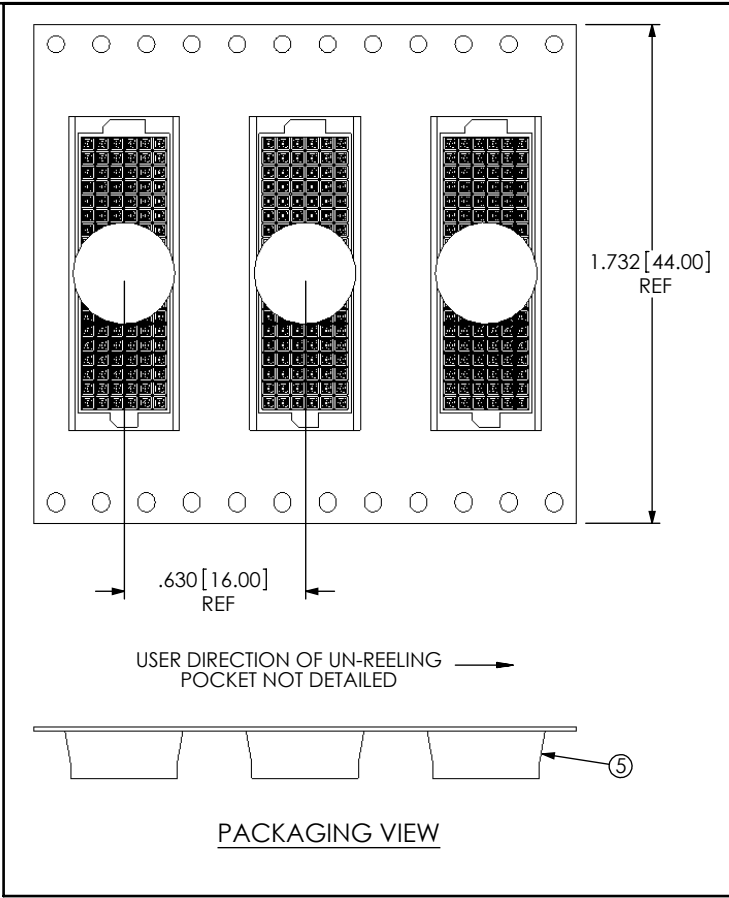
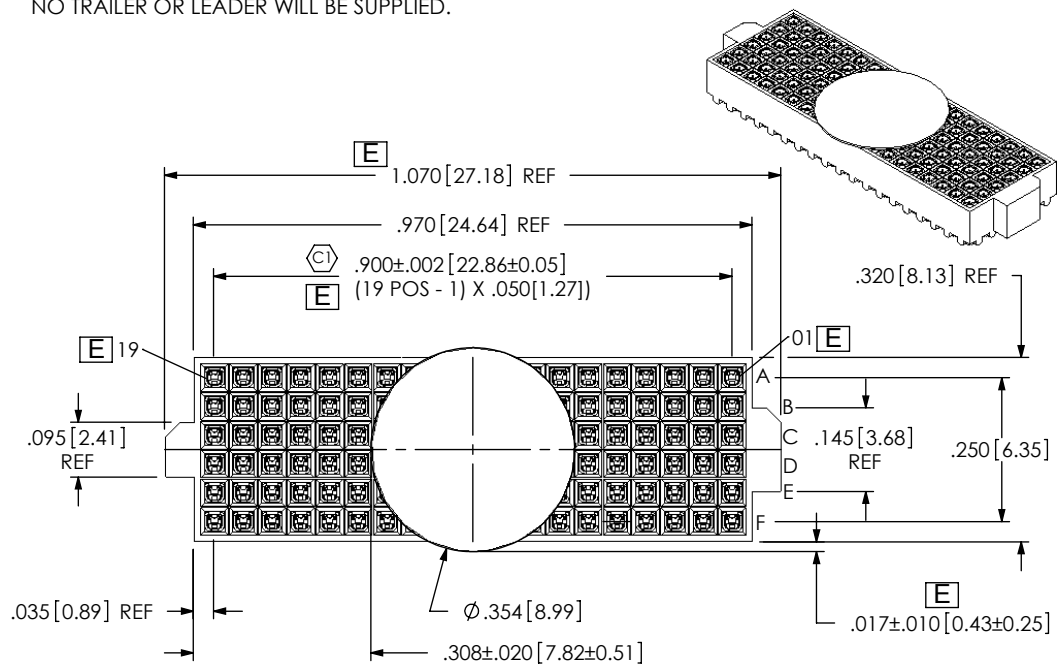


**THE DATASHEET OF  
ASP-103612-04**



- 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.

DO NOT SCALE FROM THIS PRINT



ITEM NO.	PART NUMBER	QUANTITY	MATERIAL
1	<b>ASP-103597-01-B</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

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

DO NOT SCALE DRAWING SHEET SCALE: 3:1

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

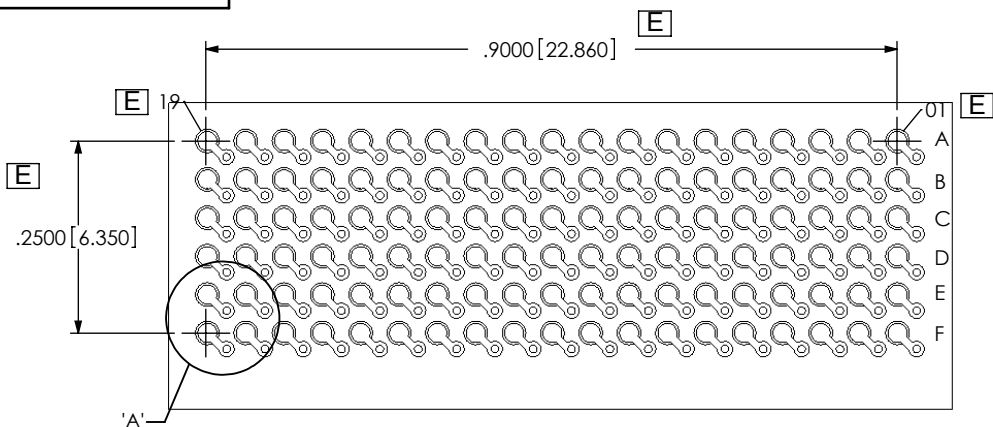
520 PARK EAST BLVD, NEW ALBANY, IN 47150  
 PHONE: 812-944-6733 FAX: 812-948-5047  
 e-Mail: info@SAMTEC.com code 55322

DESCRIPTION:  
 VITA 42 LIF (LEAD FREE) SOCKET ASSEMBLY

DWG. NO. **ASP-103612-04**

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

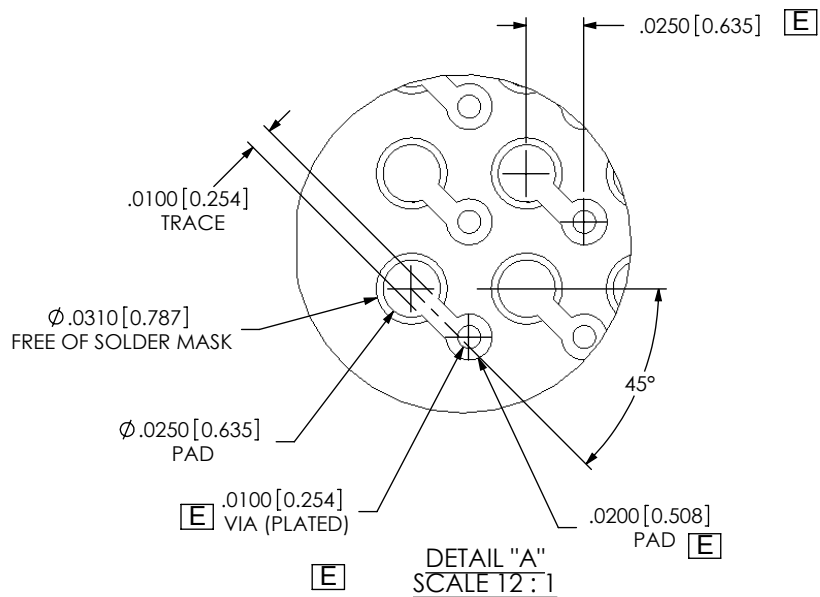
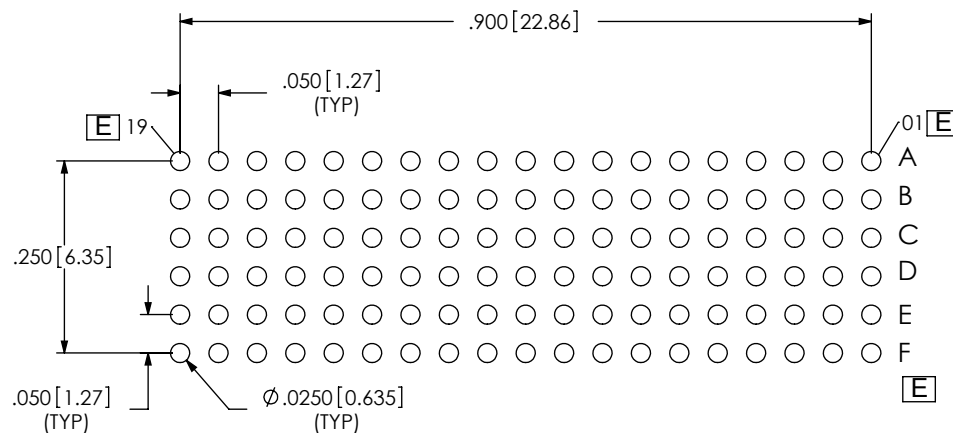
RECOMMENDED BOARD LAYOUT



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

RECOMMENDED STENCIL LAYOUT

STENCIL TO BE .0060 [0.152] THICK



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.



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

SHEET SCALE: 4:1


DESCRIPTION:  
VITA 42 LIF (LEAD FREE) SOCKET ASSEMBLY

DWG. NO.  
ASP-103612-04

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

## Looking for pricing, stock, or lifecycle information?

Click below to explore more details on WIN SOURCE:

 [View ASP-103612-04](#) on WIN SOURCE

 [Samtec Inc.](#) Information

## Optimize Your Supply Chain with WIN SOURCE Solutions

-  Global Sourcing Solution
-  Obsolete Management
-  Cost Control Management
-  Shortage Management
-  Alternative Solution
-  Excess Inventory Management