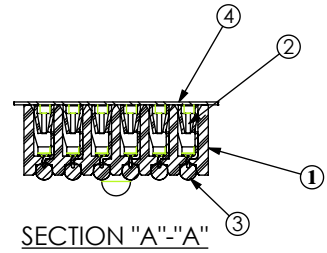
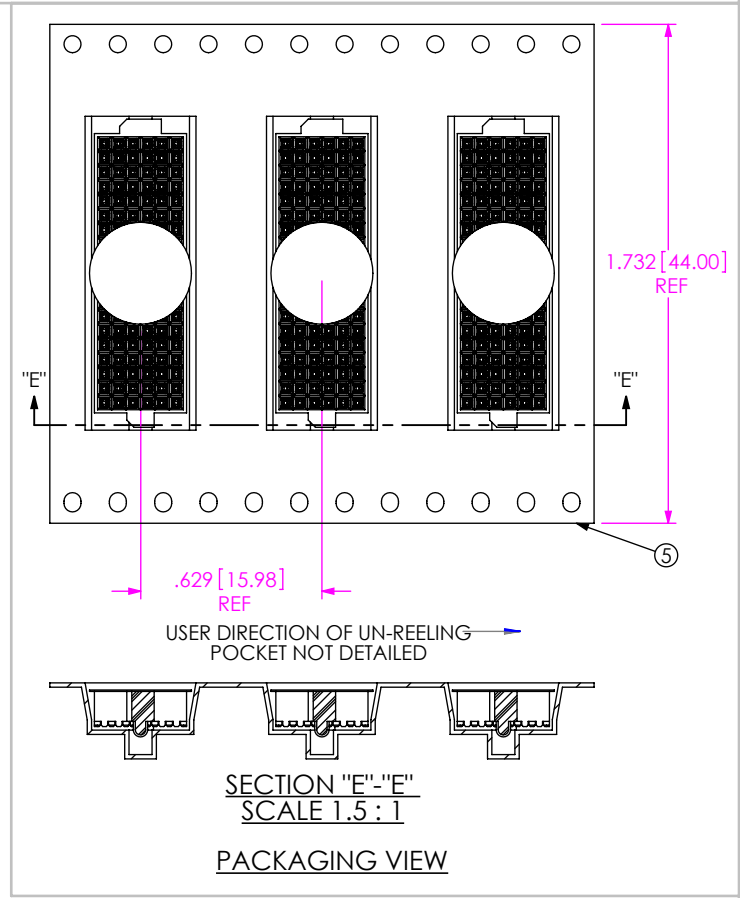
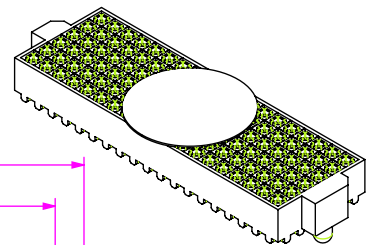
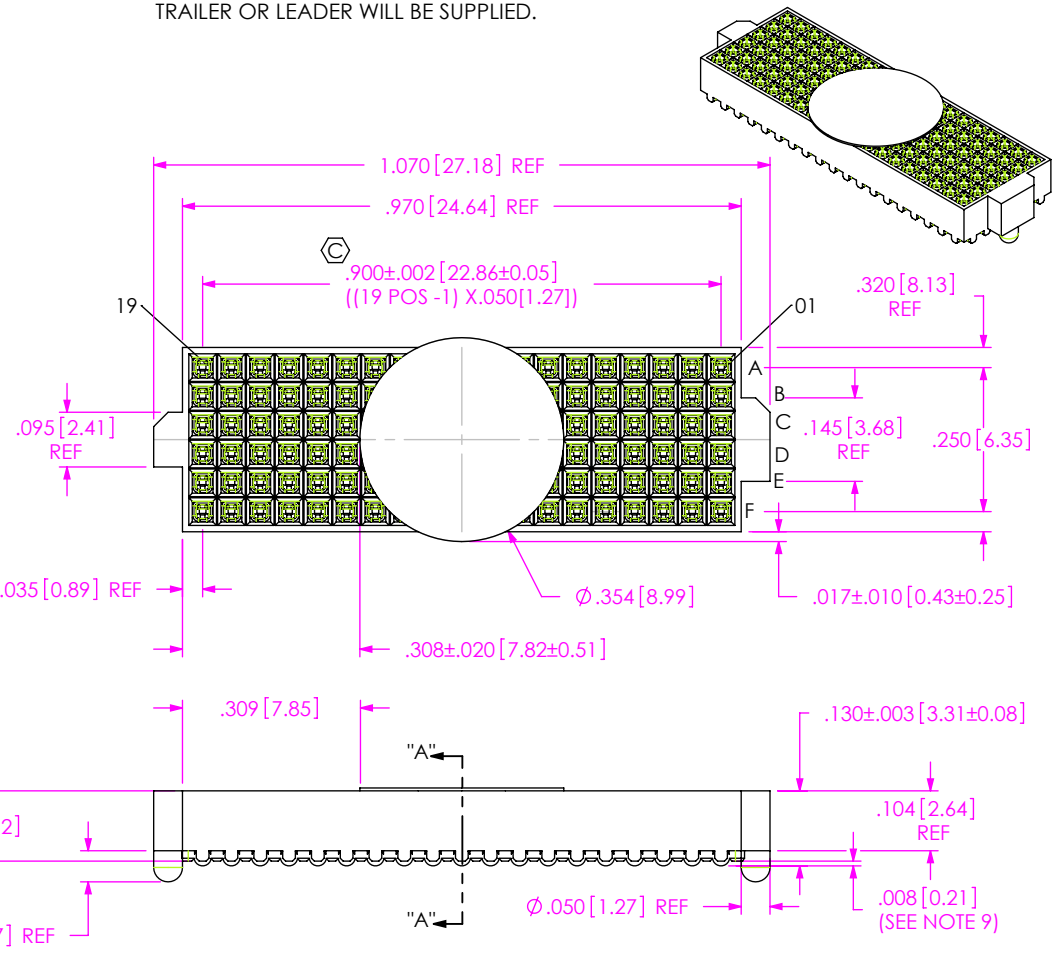


DO NOT SCALE FROM THIS PRINT

- NOTES:
1. USE LEAD FREE SOLDER BALLS & ASP-103597-02-B BODY FOR NON-STANDARD 19 POSITION.
  2. Ⓢ REPRESENTS A CRITICAL DIMENSION.
  3. MAXIMUM BURR ALLOWANCE: .0005[0.013].
  4. MINIMUM PUSHOUT FORCE: .5 LB [2.22 N].
  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.

ANY REV MADE TO THIS PRINT MUST HAVE AN UPDATED MKT PRINT



ITEM NO.	PART NUMBER	QUANTITY	MATERIAL
1	ASP-103597-02-B	1.0000	LCP, 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-DOT-.354-.469-.005	1.0000	POLYIMIDE FILM
5	CT-ASP2830MS	.00200	CONDUCTIVE POLYMER

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

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 PHONE: 812-944-6733 FAX: 812-948-5047  
 e-Mail: info@SAMTEC.com code 55322

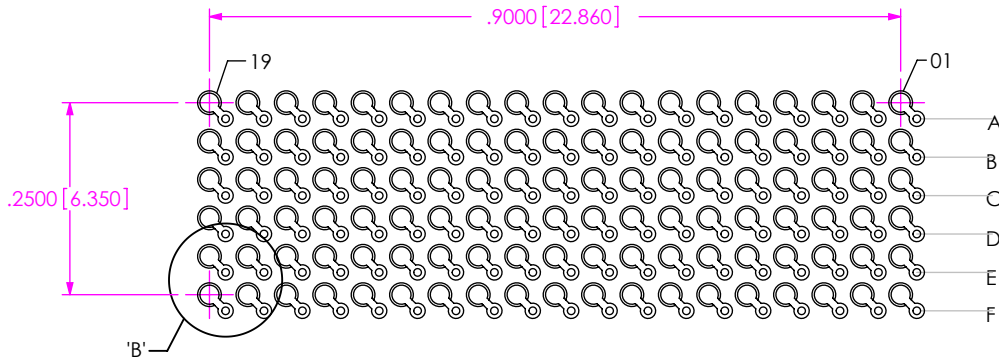
DO NOT SCALE DRAWING SHEET SCALE: 3:1  
 PLATING:  
 CONTACT AREA: .000030 GOLD OVER .000050 NICKEL  
 REMAINDER: .000003 FLASH GOLD OVER .000050 NICKEL

DESCRIPTION:  
 VITA 42 (LEAD FREE) SOCKET ASSEMBLY  
 DWG. NO.

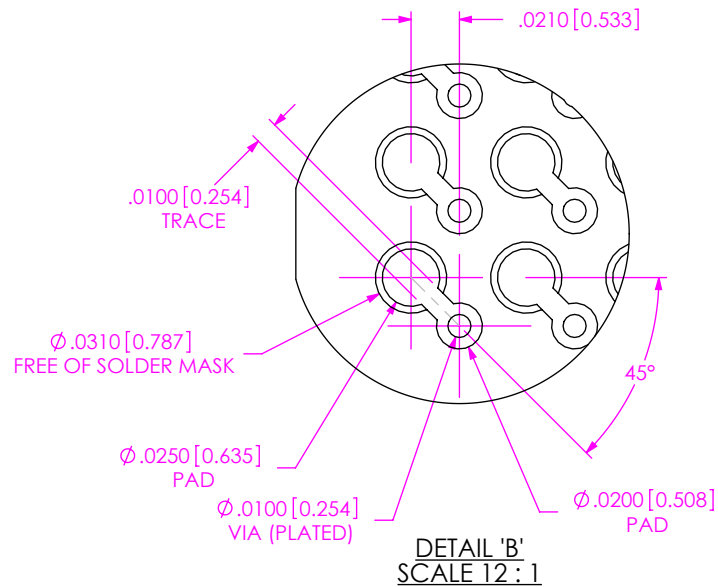
ASP-103612-15

BY: T WHELAN 03/31/11 SHEET 1 OF 2

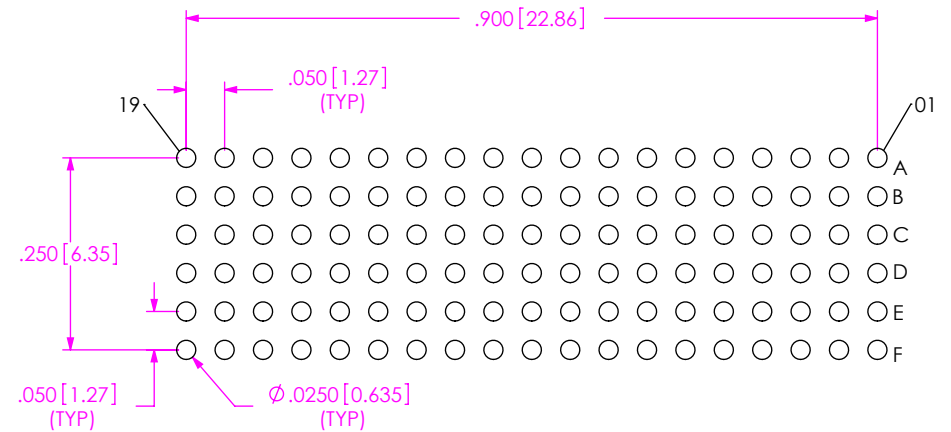
RECOMMENDED BOARD LAYOUT



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



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SHEET SCALE: 4:1

DESCRIPTION:  
VITA 42 (LEAD FREE) SOCKET ASSEMBLY

DWG. NO.  
ASP-103612-15