

REVISION

5	KC	T Lang
9/10/2018	ECN-336286	
FRONT VIEW: DEL *.004 [0.10]		
COPLANARITY: ADD DIM *.007 [0.18];		
TOP VIEW: DEL "REF" FROM DIM *.250		
[6.35]; ADD REF TO DIM "1.080		
[27.18]" & *.970 [24.64]; ADD DIM "1.45		
[3.68] REF" & *.095 [2.41] REF";		
NOTES: ADD NOTES 5 "MAX BURR		
ALLOWANCE..."; 6 "MIN PUSHOUT		
FORCE..."; 7 "ON REEL..."; 8 "ALL		
DIMS TO BE..."; 9 "MAX VARIATION...";		
10 "REFER TO VISUAL..."; 11 "THE		
DISTANCE..."; 12 "SOLDER JOINTS...";		
SHT 2: ADD STENCIL VIEW		

NOT RELEASED FOR PRODUCTION

USE FOR QUOTING, PRELIMINARY DESIGN, PROTOTYPING AND INFORMATIONAL PURPOSES ONLY

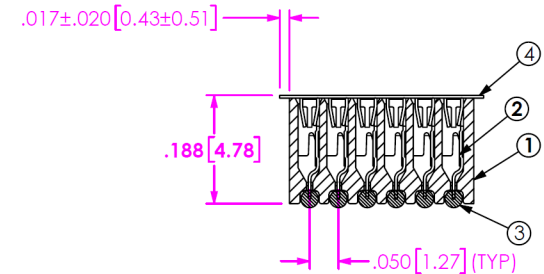
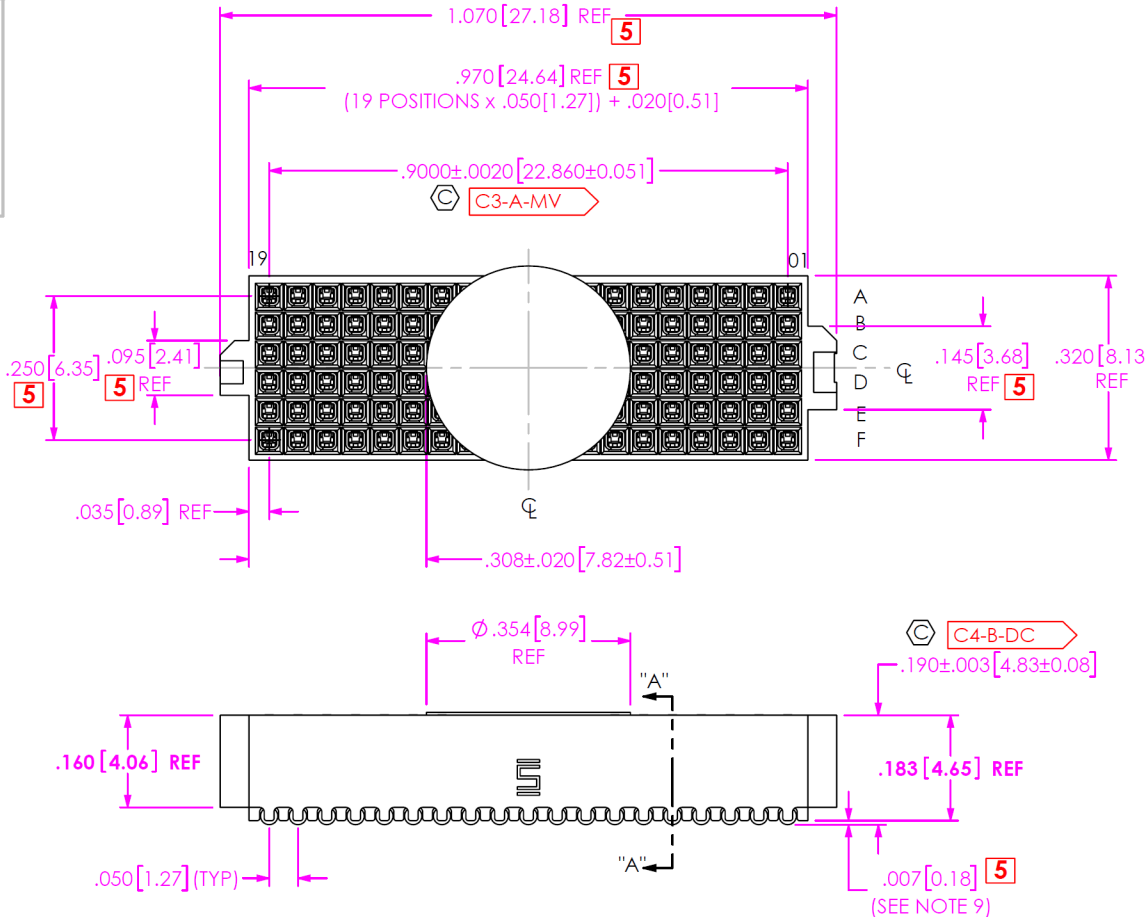
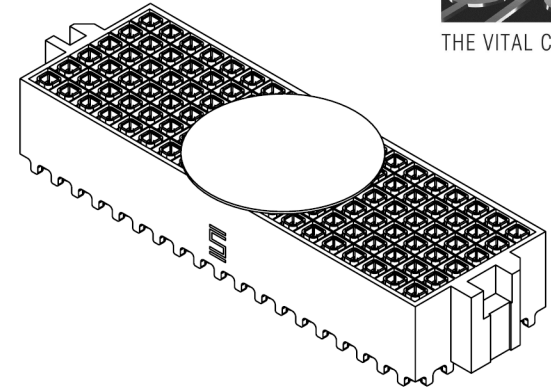
BY SIGNING THIS DOCUMENT YOU ARE ACCEPTING THE CONDITIONS SET WITHIN. YOUR REQUIREMENTS MUST BE LISTED WITHIN THIS DRAWING. WHERE NO DIRECTION FROM THE CUSTOMER IS IDENTIFIED SAMTEC'S PROCESS REQUIREMENTS WILL BE USED.

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

NOTES:

- CONNECTOR HEIGHT NOT AVAILABLE AS STANDARD.
- ⊕ REPRESENTS A CRITICAL DIMENSION.
- CONTACT TO BE FLUSH ±.002[0.05] TO BE MEASURED AT ALL 4 CORNERS.
- PARTS TO BE PACKAGED IN TAPE & REEL.
- MAXIMUM BURR ALLOWANCE: .0005[0.013]
- MINIMUM PUSHOUT FORCE: .5 LB
- ONE REEL MINIMUM PLATING REQUIREMENT (85,000 CONTACTS PER REEL).
- ALL DIMS TO BE SYMMETRICAL ABOUT THE CENTERLINE WITHIN ±.001 [0.03].
- MAXIMUM VARIATION BETWEEN SOLDERBALLS: .0025[0.064]
- REFER TO VISUAL INSPECTION BOARD FOR SOLDERBALL APPEARANCE CHECKS.
- THE DISTANCE FROM THE CENTER OF ANY SOLDERBALL TO THE CENTER OF ANY ADJACENT INNER PEG SHALL BE .025±.005[0.64±0.13].
- SOLDER JOINTS TO BE INSPECTED PER IPC SPECIFICATION 12.2.12 (IPC-A-610C).

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



SECTION "A"- "A"

UNLESS OTHERWISE SPECIFIED, DIMENSIONS ARE IN INCHES.

TOLERANCES ARE:

DECIMALS	ANGLES
.XX: ±.01 [0.3]	2°
.XXX: ±.005 [0.13]	
.XXXX: ±.0020 [0.051]	

PROPRIETARY NOTE

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520 PARK EAST BLVD, NEW ALBANY, IN 47150
 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 GOLD OVER .000050 NICKEL

DESCRIPTION: LEADED VITA ASSEMBLY

DWG. NO. ASP-189983-01

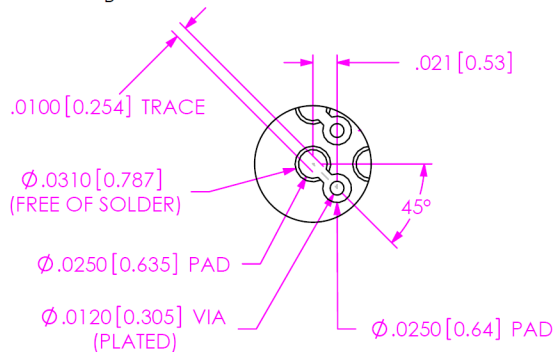
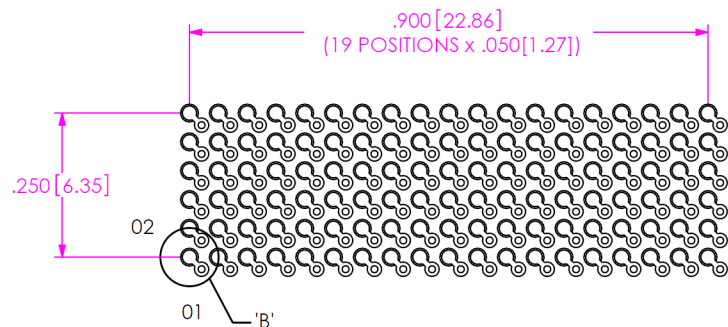
BY: J. BROWNING 11/04/2015 SHEET 1 OF 2

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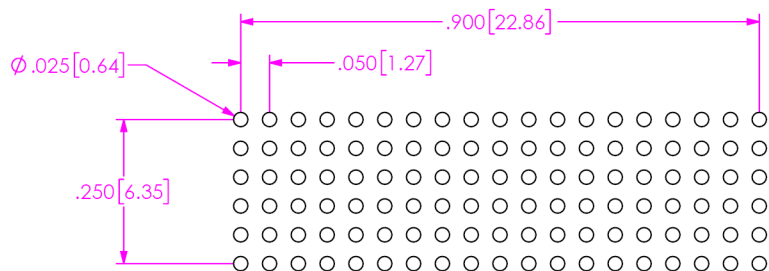
ITEM NO.	PART NUMBER	QUANTITY	MATERIAL
1	ASP-167045-01-B	1.0000	LCP, COLOR: BLACK
2	ASP-190171-02-P-H-SUB	114.00	PHOS BRONZE
3	SDB-030-6337	114.00	63% TIN /37% LEAD
4	K-DOT-.354-.469-.005	1.0000	POLYIMIDE FILM
5	CT-ASP1949MS	.00222	CONDUCTIVE POLYMER

⊕ C1-B,I-XR

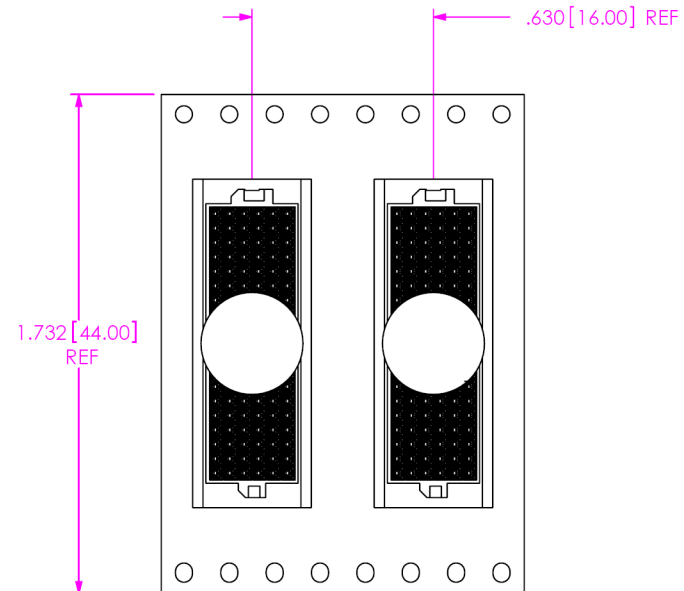
RECOMMENDED MAIN BOARD LAYOUT



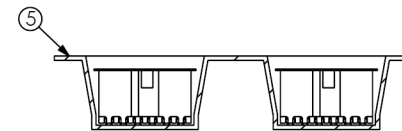
DETAIL 'B'



5 RECOMMENDED STENCIL LAYOUT
STENCIL TO BE .0060 [.152] THICK



USER DIRECTION OF UN-REELING
POCKET NOT DETAILED →



PACKAGING VIEW



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SHEET SCALE: 3:1

DESCRIPTION: LEADED VITA ASSEMBLY

DWG. NO. ASP-189983-01

BY: J. BROWNING 11/04/2015 SHEET 2 OF 2