ASP-161073-01

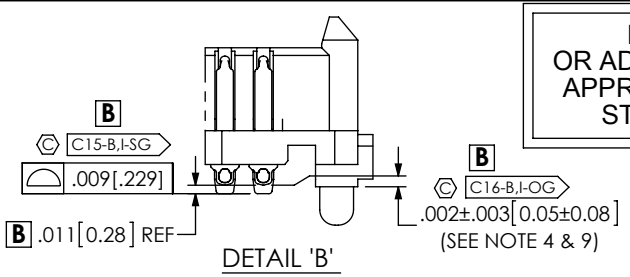
REVISION

A	MS	K Ashley
2/21/2011		ECN-148957
RELEASE FOR PRODUCTION		
B	JS	T WILD
8/3/2013		ECN-209022

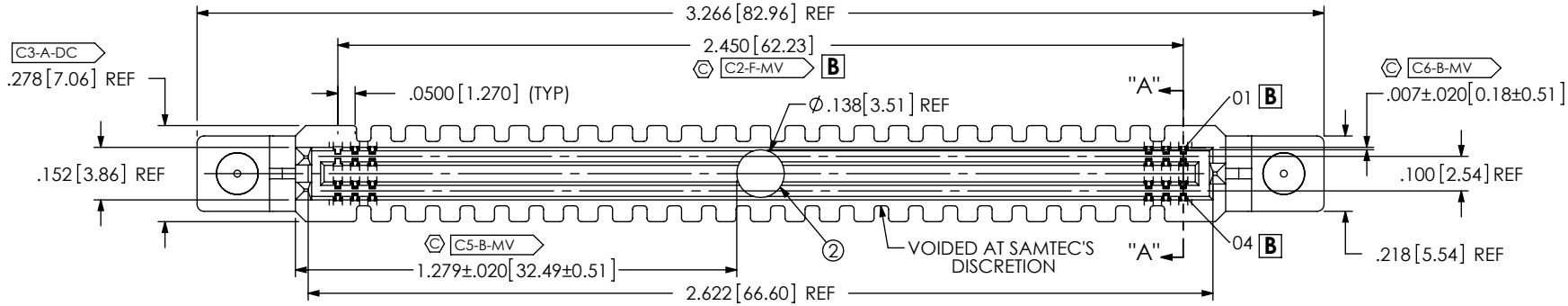
TOP VIEW: DEL C1, CHG 2.450 TO 2.4500, ADD "01" & "04"; FRONT VIEW: CHG .181 TO .221 REF, CHG .034 TO .034 REF, DEL C10 & C13, CHG C11-F-MV TO C11-B,I-OG, CHG DIA .044 TO DIA .044 REF, CHG C12-B-MV TO C12-B-CP; DET 'B': DEL .0270 (SEE NOTE 4) & DEL C14, CHG C15-F-OG TO C15-B,I-SG, ADD .011 REF, CHG .004 (SEE NOTE 4) TO .002 +/- .003 (SEE NOTE 4 & 9), CHG C16-B-MV TO C16-B,I-OG; NOTES: CHG NOTE 3 FROM "MINIMUM PUSHOUT FORCE: 0.75 LBS." TO "MINIMUM PUSHOUT FORCE: 0.50 LBS.", CHG NOTE 4 FROM "DIMENSION ... ALL FOUR CORNERS." TO "DIMENSION C16 MUST BE ... FOR PROCESS.", DEL NOTE 7 "SOLDER CHARGE VOLUME ... ", ADD NOTE 9 & C22; BOM - ITEM 1: CHG MATERIAL FROM "TERMINAL: COPPER ALLOY" TO "TERMINAL: COPPER ALLOY/LEAD FREE SOLDER" & ADD C23; MATERIAL BLOCK: DEL "SOLDER COMPOSITION ... "; SHT 2, SECT "A": ADD (TYP) TO .056 +.002/-.004, CHG C17-B-MV TO C17-B,I-OG, CHG .016 +/- .003 (TYP) TO .0175 +/- .0030 (TYP) & CHG C18-B-MV TO C18-D-AM, CHG .044 (TYP) TO .0470/.0410 (TYP), CHG .056 +/- .003 TO .0590/.0530 & CHG C20-B-MV TO C20-B,I-OG, ADD .186 (INCL. K DOT) & C21; ADD CPC INSPECTION TABLE.

NOTES:
1. **STANDARD PART SET UP AS ASP FOR VITA74.**
2. Ⓒ REPRESENTS A CRITICAL DIMENSION.
3. MINIMUM PUSHOUT FORCE: 0.50 LBS.
4. DIMENSION C16 MUST BE MEASURED USING INSPECTION FIXTURE AT-1817-836-1, USE CO-AU-WI-2003-M FOR PROCESS.
5. ATTACH LABEL "SEAX-0001" TO EACH TAPE & REEL PACKAGE.
6. SEE RECOMMENDED FOOTPRINT DRAWING FOR STENCIL REQUIREMENTS.
7. NOTE DELETED.
8. PARTS TO BE PACKAGED IN TAPE AND REEL.
9. MAXIMUM ROW TO ROW VARIATION .003[0.08], MEASURED FIRST & LAST POSITIONS ONLY, ALL ROWS.

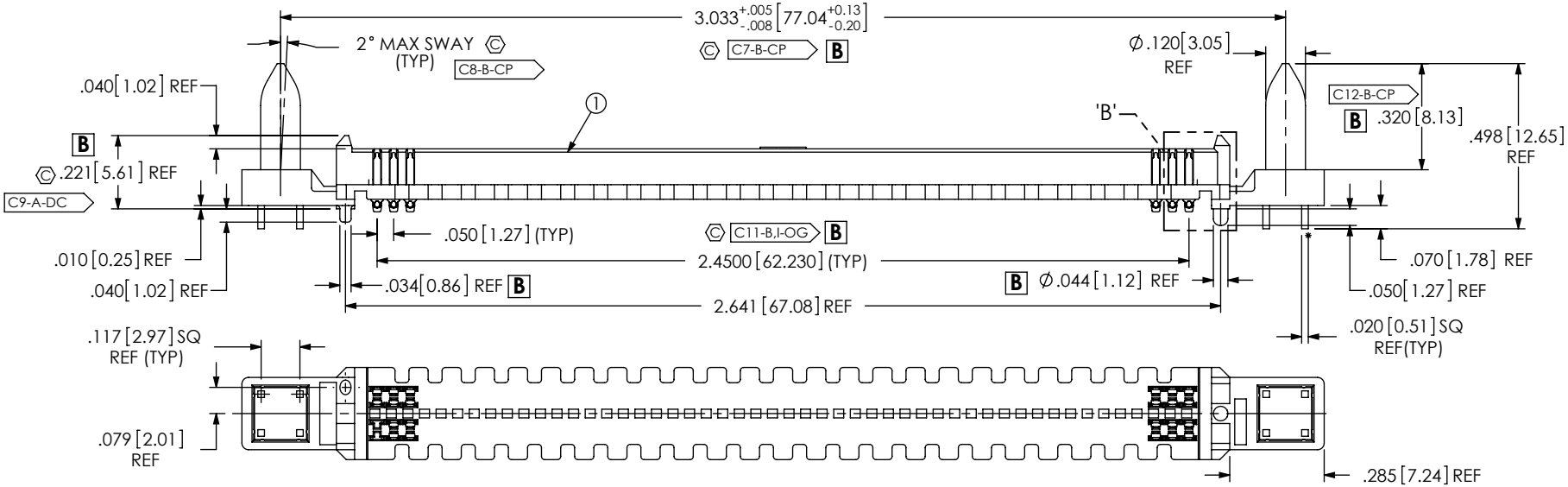
DO NOT UPDATE OR ADD REVISION WITHOUT APPROVAL THROUGH THE STANDARDS GROUP



DETAIL 'B'



(SOME CENTER FEATURES NOT SHOWN FOR CLARITY)



ITEM NO.	PART NUMBER	QUANTITY	MATERIAL
1	S-SEAM-50-2.0-L-04-2-A-GP-K	1.0000	INSULATOR: LCP, COLOR: BLACK C23-B,I-XR TERMINAL: COPPER ALLOY/LEAD FREE SOLDER B
2	K-DOT-.138-.250-.005	1.0000	POLYMIDE FILM
3	CT-SEAM082TP	.00571	CONDUCTIVE POLYMER
4	SEAX-0001	.01000	LABEL

UNLESS OTHERWISE SPECIFIED, DIMENSIONS ARE IN INCHES.
TOLERANCES ARE:
DECIMALS
.XX: ±.01 [.3]
.XXX: ±.005 [.13]
.XXXX: ±.0020 [.051]
ANGLES
2°

PROPRIETARY NOTE
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PLATING
TERMINAL:
CONTACT: .000010 MIN GOLD OVER .000050 NICKEL
REMAINDER: .000100 TIN + .000050 NICKEL
GUIDE POST:
ENTIRE CONTACT: .000100 TIN OVER .000050 NICKEL

DO NOT SCALE DRAWING SHEET SCALE: 2:1

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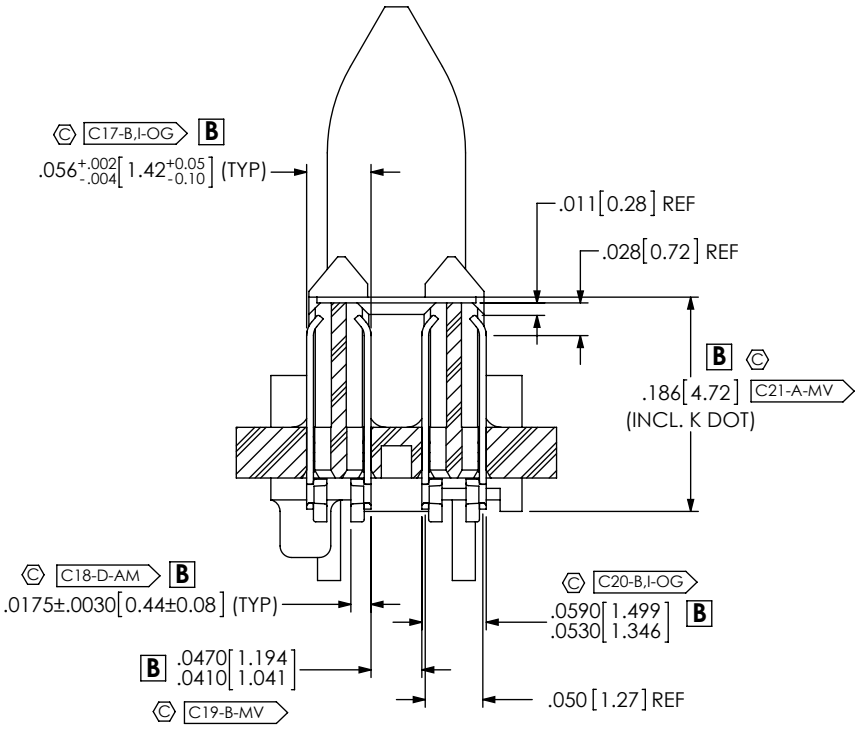
DESCRIPTION:
.050 PITCH TERMINAL ARRAY ASSEMBLY

DWG. NO.
ASP-161073-01

BY:M SOLANO 02-21-2011 SHEET 1 OF 2

REVISION B



SECTION "A"-"A"
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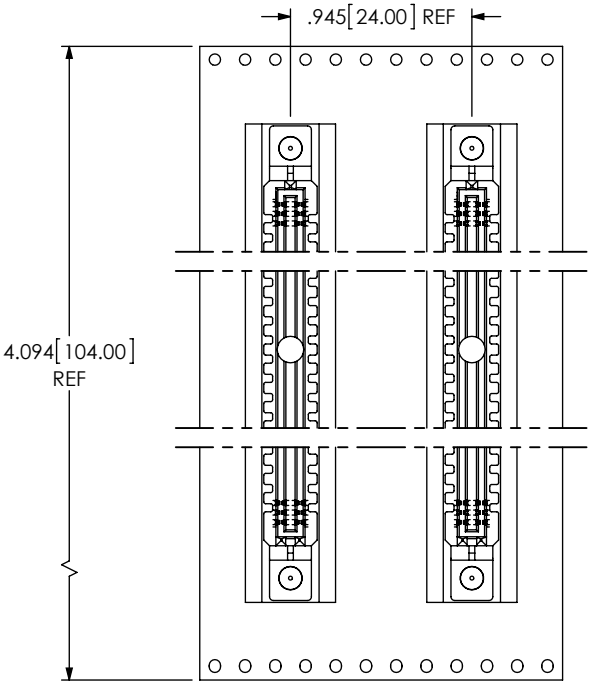
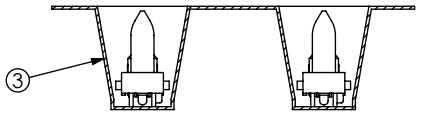
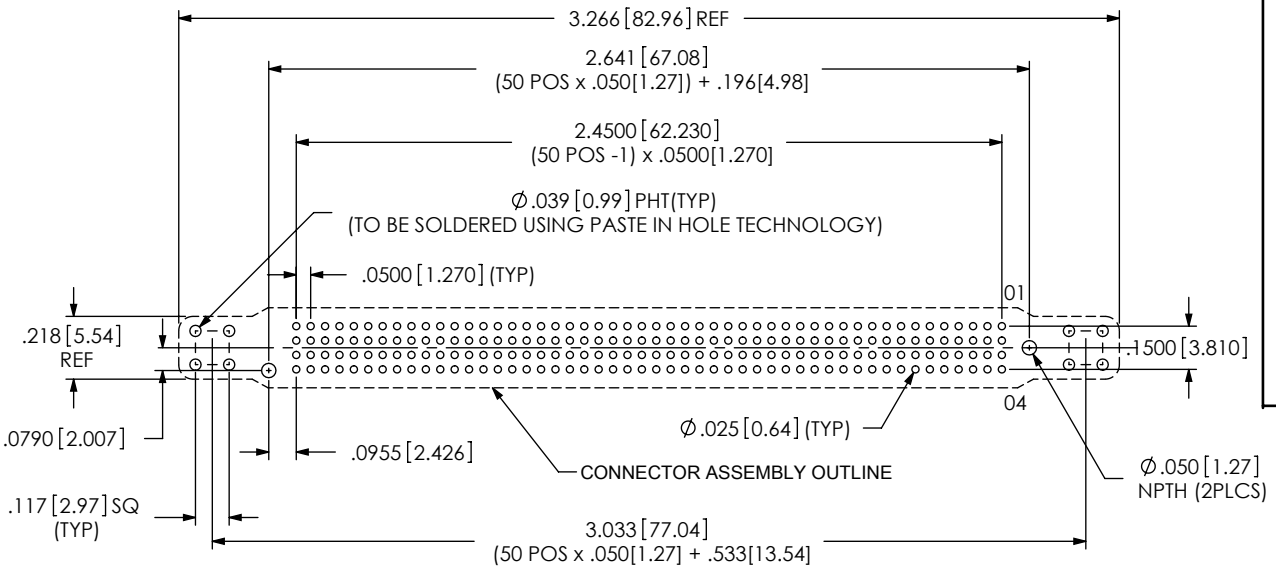




PACKAGING VIEW



RECOMMENDED FOOTPRINT

B

CRITICAL DIMENSION INSPECTION INSTRUCTION TABLE	
ASSEMBLY OPERATION	IN-PROCESS INSPECTION
FILL NEW-SUB-T-1M36	C2, C3, C9, C11, C15, C16, C17, C19, C20, C22
ADD PAD	C5, C6, C21
ADD -GP OPTION	C7, C8, C12
FINISHED GOOD INSPECTION	C23
CPCs INTENTIONALLY DELETED: C1, C10, C13, C14	

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DO NOT SCALE DRAWING

SHEET SCALE: 2:1

F:\DWG\SW\ASP\161000\ASP-161073-01.SLDDRW

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e-Mail info@SAMTEC.com code 55322

DESCRIPTION:
.050 PITCH TERMINAL ARRAY ASSEMBLY

DWG. NO.
ASP-161073-01

BY: M SOLANO 02-21-2011 SHEET 2 OF 2