

REVISION

A	MS	K Ashley
2/21/2011		ECN-149005
RELEASE FOR PRODUCTION		

B	JS	T WILD
6/8/2013		ECN-205579

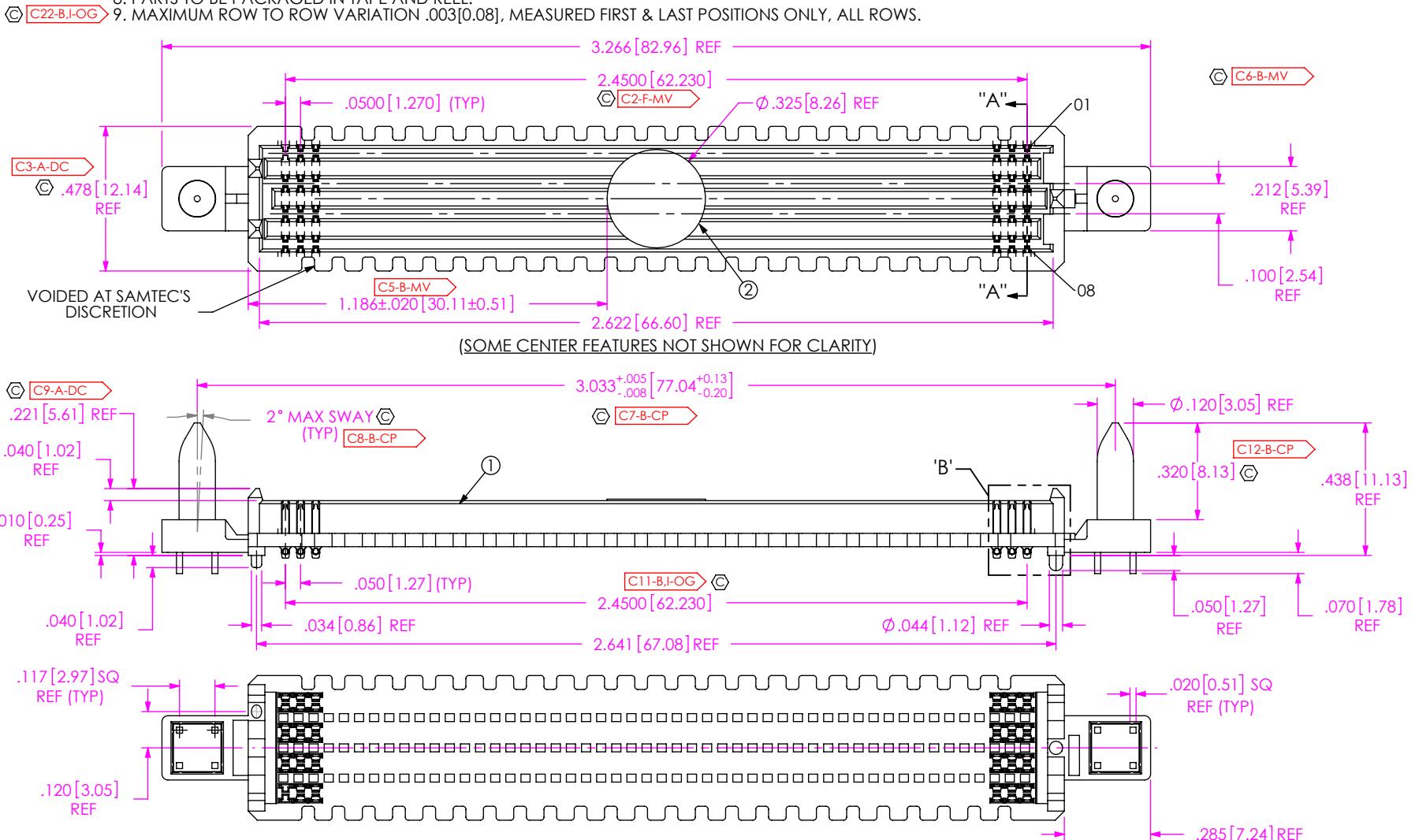
TOP VIEW: CHG 2.450 TO 2.4500, DEL C1, C4, FRONT VIEW: ADD .221 REF, DEL .181 & MOVE C9 TO .221 REF, DEL C10, CHG 2.450 (TYP) TO 2.4500 & CHG C11-F-MV TO C11-B-I-OG CHG .034 TO 034 REF, CHG DIA .044 TO DIA .044 REF, CHG C12-B-MV TO C12-B-CP, DEL .498 REF, ADD .439 REF, BOTTOM VIEW: CHG .000 SQ REF (TYP) TO .020 SQ REF (TYP), MOVE DET 'B' TO SHT 2; NOTES: CHG NOTE 3 FROM "MIN PUSHOUT FORCE: 0.75 LBS" TO "MINIMUM PUSHOUT FORCE: 0.50 LBS", CHG NOTE 4 FROM "DIMENSION TO BE ... FOUR CORNERS" TO "DIMENSION C15 MUST ... FOR PROCESS", DEL NOTE 7 "SOLDER CHARGE VOLUME ...", ADD NOTE 9 & C22, BOM: ITEM 1: CHG MATER FROM 'TERMANL: COPPER ALOY' TO 'TERMANL: COPPER ALOY/LEAD FREE SOLDER', ITEM 4: CHG MATER FROM LABEL TO VINYL, MATERIAL BLOCK: DEL 'SOLDER COMPOSITION ...', SHT 2, SECT 'A': ADD (TYP) TO .056 +/- .002-.004 & CHG C13-F-DE TO C18-B-I-OG, CHG .058 +/- .003 TO .0590/.0530 & CHG C13-F-DE TO C20-B-I-OG, CHG .016 +/- .003 (TYP) TO .0175 +/- .0030 & CHG C13-F-DE TO C19-D-AM, CHG .044 (TYP) TO .0470/.0410 (TYP) & CHG C13-F-DE TO C21-B-MV; DET 'B': DEL .0270 (SEE NOTE 4) & C14, ADD .011 REF, CHG C15-F-OG TO C15-B-I-SG, DEL .000 (SEE NOTE 4) & C16, ADD .002 +/- .003 (SEE NOTE 4 & 9) & C17; ADD CPC INSPECTION TABLE; MOVE RECOMMENDED FOOTPRINT TO SHT 3.

C	EL	J FREEMAN
5/30/2018		ECN-328896
BOM-ITEM 1: CHG S-SEAM-50-2.0-L-08-2-A-GP-K TO S-SEAM-50-2.0-S-08-2-A-GP-K; TITEL BLOCK: CHG PLATING "CONTACT: .000010 MN GOLD ..." TO "CONTACT: .000030 MIN GOLD ...".		

NOTES:

- STANDARD PART SET UP AS ASP FOR VITA 74.
- ① REPRESENTS A CRITICAL DIMENSION.
- MINIMUM PUSHOUT FORCE: 0.50 LBS.
- DIMENSION C15 MUST BE MEASURED USING INSPECTION FIXTURE AT-1817-836-1, USE CO-AU-WI-2003-M FOR PROCESS.
- ATTACH LABEL "SEAX-0001" TO EACH TAPE & REEL PACKAGE.
- SEE RECOMMENDED FOOTPRINT DRAWING FOR STENCIL REQUIREMENTS.
- NOTE DELETED.
- PARTS TO BE PACKAGED IN TAPE AND REEL.
- MAXIMUM ROW TO ROW VARIATION .003[.08], MEASURED FIRST & LAST POSITIONS ONLY, ALL ROWS.

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



ITEM NO.	PART NUMBER	QUANTITY	MATERIAL
1	S-SEAM-50-2.0-S-08-2-A-GP-K	1.0000	INSULATOR: LCP, COLOR: BLACK C23-B-I-XR TERMINAL: COPPER ALLOY/LEAD FREE SOLDER
2	K-DOT-.325-.450-005	1.0000	POLYIMIDE FILM
3	CT-SEAM143TP	.00571	CONDUCTIVE POLYMER
4	SEAX-0001	.01000	BRASS, 1/2 HARD, COMP 22

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

DO NOT SCALE DRAWING
PLATING TERMINAL:
CONTACT: .000030 MIN GOLD OVER .000050 NICKEL
REMAINDER: .000100 TIN + .000050 NICKEL
GUIDE POST:
ENTIRE CONTACT: .000100 TIN OVER .000050 NICKEL

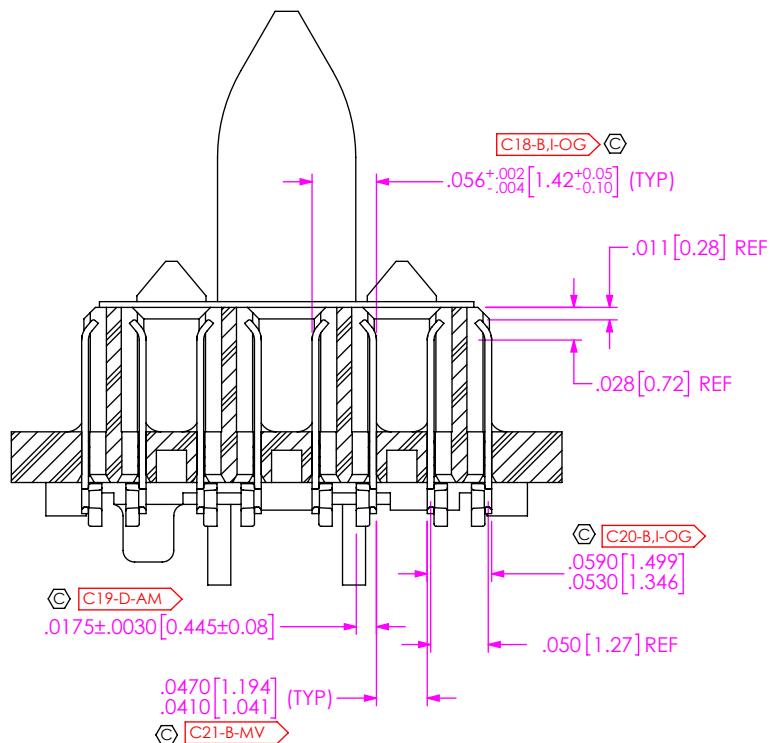
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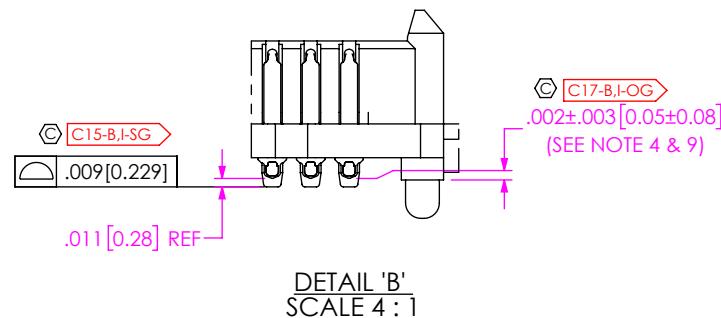
SHEET SCALE: 2:1
C

520 PARK EAST BLVD, NEW ALBANY, IN 47150
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e-Mail: info@SAMTEC.com code 55322

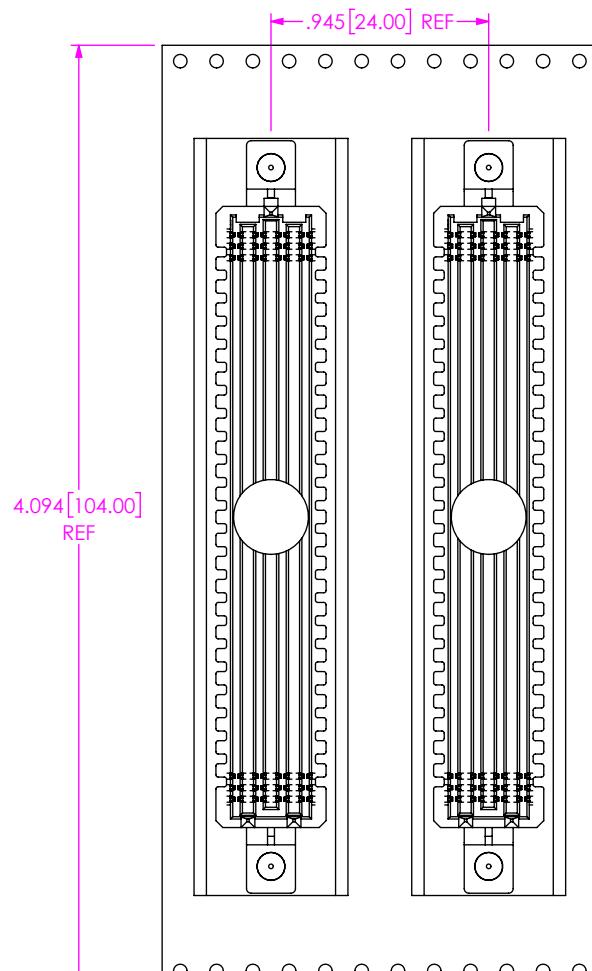
DESCRIPTION:
.050 PITCH TERMINAL ARRAY ASSEMBLY
DWG. NO.
ASP-161073-02
BY:M SOLANO 02-21-2011 SHEET 1 OF 3



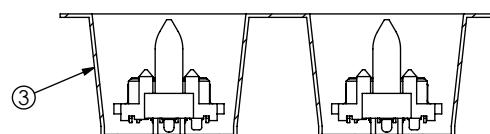
SECTION "A"-A"
SCALE 4 : 1



DETAIL 'B'
SCALE 4 : 1



USER DIRECTION OF UN-REELING
POCKET NOT DETAILED



PACKAGING VIEW

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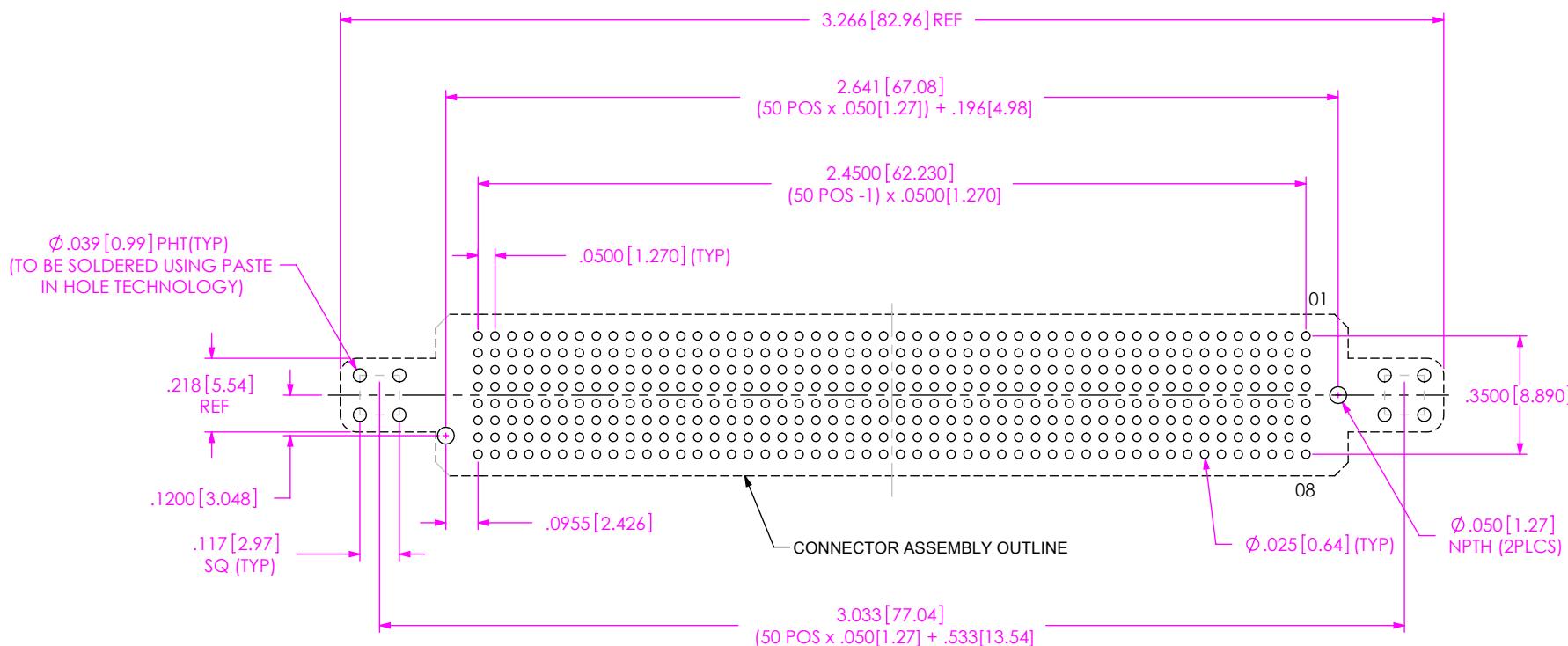
Samtec

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DESCRIPTION: .050 PITCH TERMINAL ARRAY ASSEMBLY

DWG. NO.

ASP-161073-02



RECOMMENDED FOOTPRINT

