

# REVISION

A	MS	K Ashley
2/18/2011	ECN-148871	
RELEASE FOR PRODUCTION		
B	EC	T Lang
8/8/2012	ECN-183990	
TOP VIEW: ADD REF ON 3.270, "TP" (TO WAFER) ON .522, CHG .542 TO .592, C1-B-CP TO C1-B, I-OG, FRONT VIEW: CHG .050 TO .0500, .140 REF TO .140 +/- .007, 2.450 TO 2.590, C2-B-MV TO C2-B, I-OG, C3-B-MV TO C3-B, I-OG, C4-B-MV TO C4-B, I-OG, C5-B-MV TO C5-B, I-OG, C7-B-MV TO C7-B, I-OG, REM C7 FROM .120 TO .140, DEL .120, ADD "SEE NOTE 8" ON .140 & 2.590, BTM VIEW: MOD APIN POSITION, ADD DIA .044, SIDE VIEW: DEL DIA .044, NOTES: ADD NOTE 8 & 9; MAT L: ADD C19; ADD REF BLOCK AND CPC TABLE; SHT 2, SECT "A": "A": CHG .036 +/- .005 TO .036 + .005 / .006, C9-B-MV TO C9-B, I-OG, C10-B-CP TO C10-B-MV, DEL .315, C11, C12, C14; DET "B": CHG .0020 TO .002, .004 TO .009, DEL C16, ADD "SEE NOTE 4" ON .002; ADD SECT "F": "F" & DET "G"		
C	SC	J FREEMAN
5/30/2018	ECN-328886	
BOM - ITEM 1: CHG S-SEAF-50-01-L-04-2-RA-GP-TR TO S-SEAF-50-01-S-04-2-RA-GP-TR; UPPER RIGHT CORNER: CHG REF FROM SEAF-50-01-L-04-2-RA-GP-TR-VITA74 TO SEAF-50-01-S-04-2-RA-GP-TR-VITA74; TITLE BLOCK - PLATING: CHG "... 000010 MIN GOLD..." TO "... 000030 MIN GOLD..."		

## NOTES:

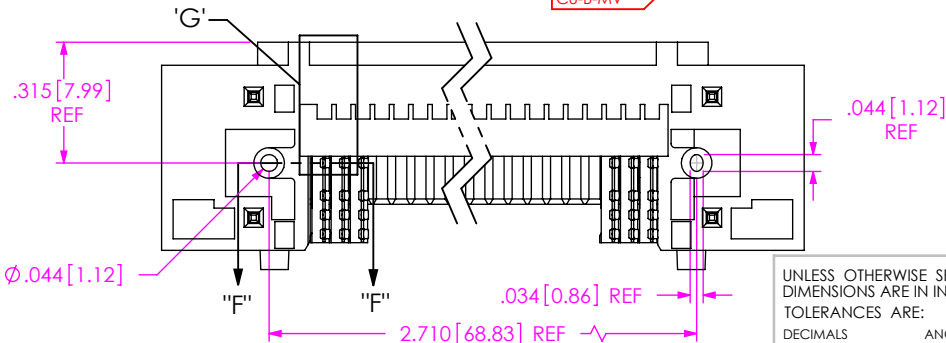
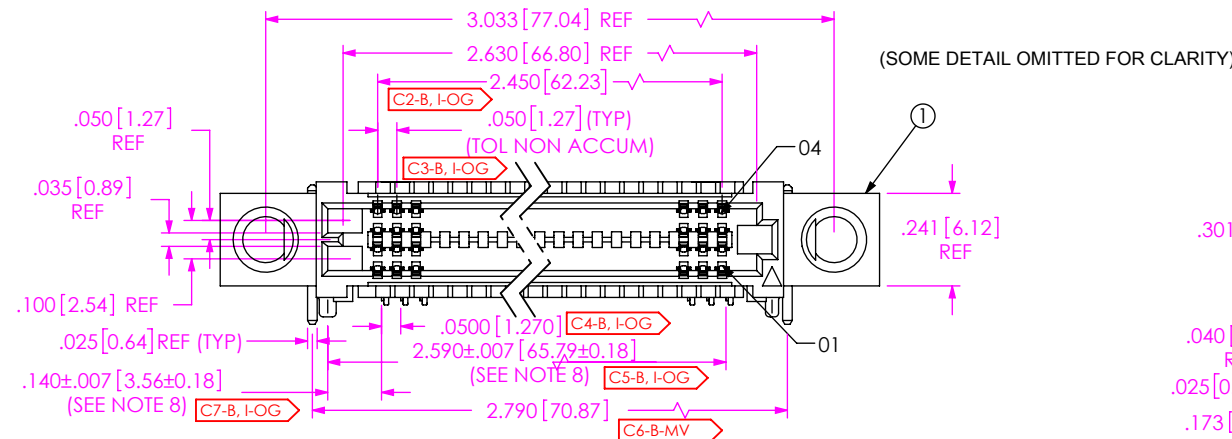
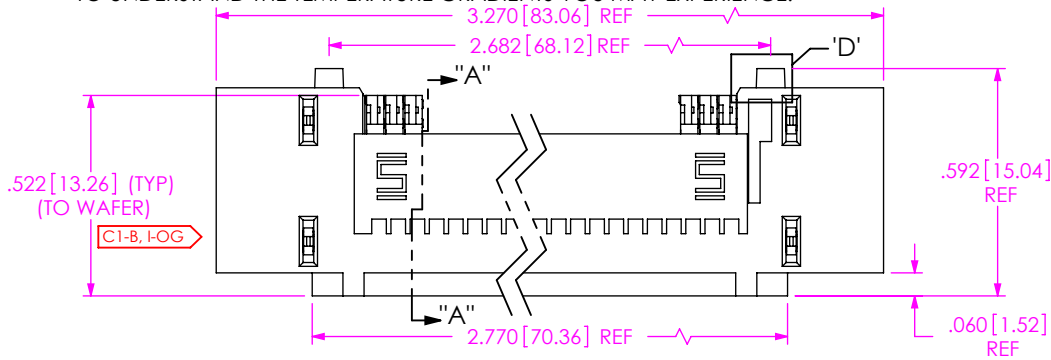
1. STANDARD PART SET UP AS ASP FOR VITA74.
2. CXXX REPRESENTS A CRITICAL DIMENSION.
3. MINIMUM PUSH-OUT FORCE: .50 LBS[2.2N].
4. INSPECT DIMENSION AT 4 CORNERS OF PART.
5. FEATURE REQUIRED FOR VISION INSPECTION.
6. ATTACH LABEL "SEAX-0001" TO EACH TAPE & REEL PACKAGE.
7. PARTS TO BE PACKAGED IN TAPE & REEL.
8. CHECK DIMENSION ON FIRST AND LAST ROW OF TAILS.
9. A 20-30°C TEMPERATURE DIFFERENCE MAY EXIST BETWEEN THIS HIGH-DENSITY COMPONENT AND THE BOARD SURFACE DURING REFLOW. SAMTEC RECOMMENDS A THERMAL STUDY BE PERFORMED TO UNDERSTAND THE TEMPERATURE GRADIENTS YOU MAY EXPERIENCE.

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

C

REF: SEAF-50-01-S-04-2-RA-GP-TR-VITA74

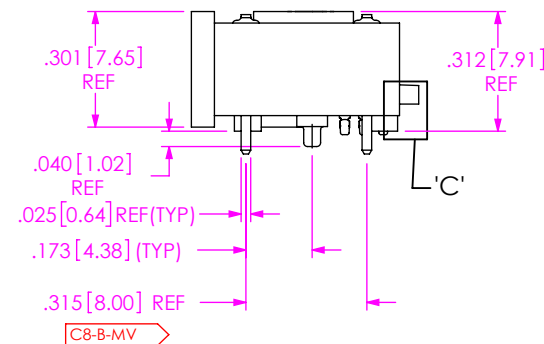
CRITICAL DIMENSION INSPECTION INSTRUCTION TABLE	
ASSEMBLY OPERATION	IN-PROCESS INSPECTION
FILL WAFERS	C1, C2, C3, C4, C5, C7, C9, C17, C18, C19
FILL WELD TABS	C6, C8, C10, C13
FINISHED ASSEMBLY	C1, C2, C3, C4, C5, C7, C9, C17, C18, C19
CPCs INTENTIONALLY DELETED: C11, C12, C14, C16	



(SOME DETAIL OMITTED FOR CLARITY)

DETAIL 'C'  
SCALE 4.5 : 1  
(SEE NOTE 5)

DETAIL 'D'  
SCALE 4.5 : 1  
(SEE NOTE 5)



DATE: \_\_\_\_\_  
COMPANY: \_\_\_\_\_  
CUSTOMER SIGNATURE: \_\_\_\_\_  
PRINTED NAME: \_\_\_\_\_  
PHONE No: \_\_\_\_\_  
FAX No: \_\_\_\_\_

ACCEPTANCE OF DRAWING  
 ACCEPTED WITH DEVIATIONS LISTED

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

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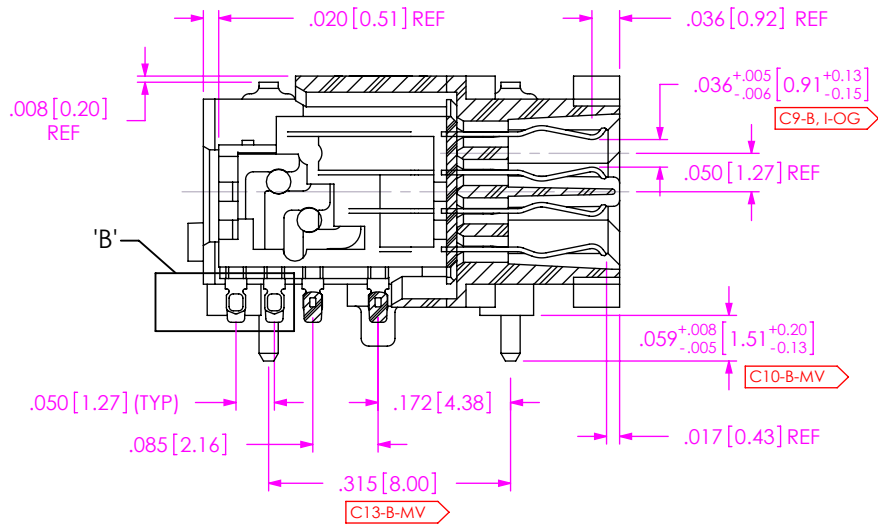
**samtec**

520 PARK EAST BLVD, NEW ALBANY, IN 47150  
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e-Mail: info@SAMTEC.com code 53322

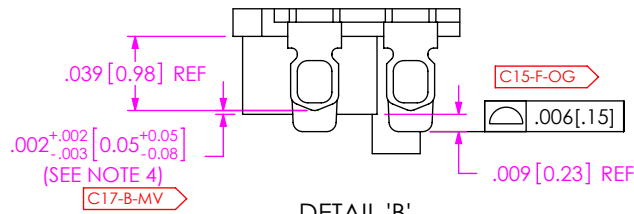
PLATING: DO NOT SCALE DRAWING SHEET SCALE: 2:1  
CONTACTS: CONTACT AREA: .000030 MIN GOLD OVER .000050 MIN NICKEL  
REMAINDER: .000200 REF TIN OVER .000050 MIN NICKEL  
WELD TABS: ENTIRE CONTACT: .000150 TIN OVER .000050 NICKEL  
SOLDER COMPOSITION: 95.5% TIN / 3.8 SILVER / 0.7% COPPER C19-B, I-XR  
LEAD FREE CHARGE TAIL  
F:\dmg\sw\asp\161000\ASP-161074-01.SLDRW

DESCRIPTION:	SEAF-RA
DWG. NO.	ASP-161074-01
BY: M SOLANO	2/18/2011 SHEET 1 OF 2

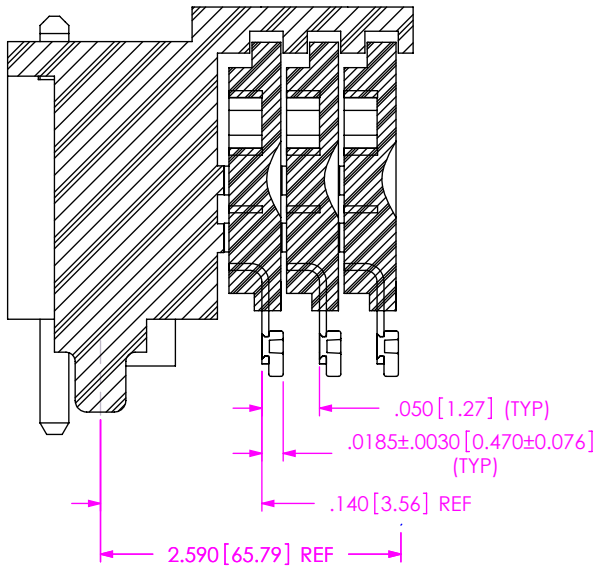
TEM NO	PART NUMBER	QTY	MATERIAL
1	S-SEAF-50-01-S-04-2-RA-GP-TR	1.0000	INSULATOR: LCP, COLOR BLACK; CONTACT: PHOS BRONZE
2	CT-SEAF072TP	.00444	CONDUCTIVE POLYMER
3	SEAX-0001	.01000	LABEL



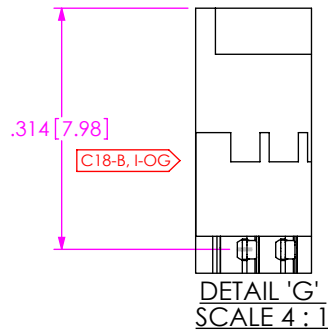
SECTION "A"-"A"  
SCALE 4 : 1



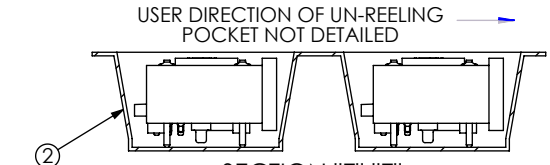
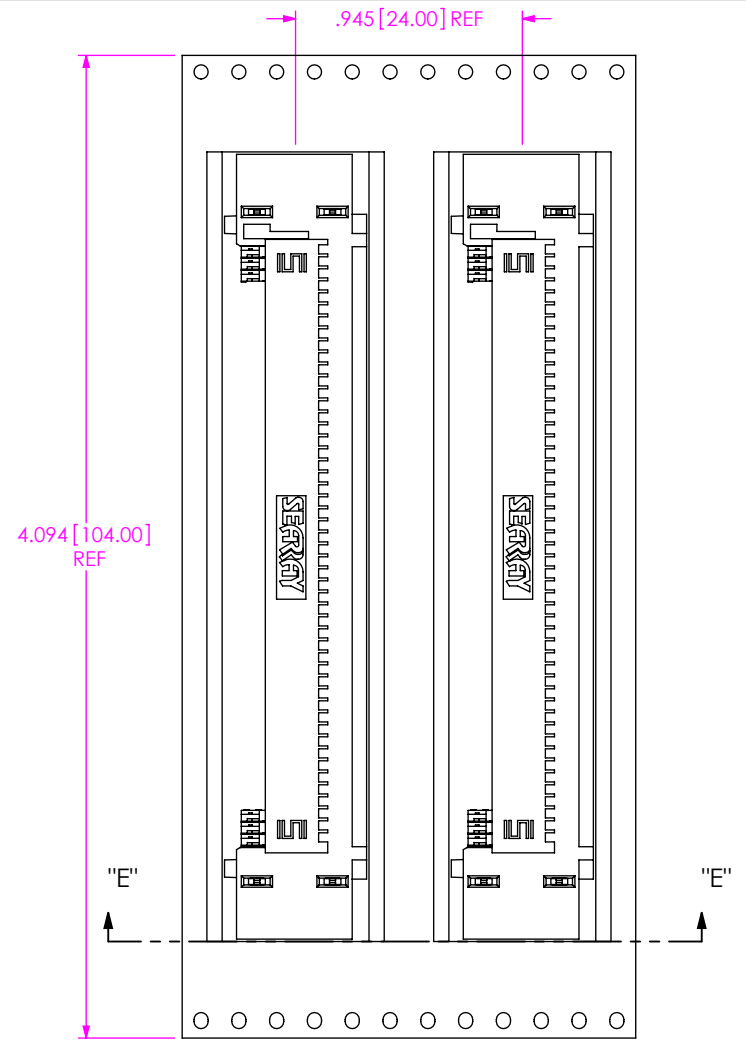
DETAIL 'B'  
SCALE 10 : 1



SECTION "F"-"F"  
SCALE 6 : 1



DETAIL 'G'  
SCALE 4 : 1



SECTION "E"-"E"  
SCALE 1.25 : 1  
PACKAGING VIEW

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SHEET SCALE: 1:1

DESCRIPTION: SEAF-RA

DWG. NO. ASP-161074-01

BY: M SOLANO 2/18/2011 SHEET 2 OF 2

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