

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:

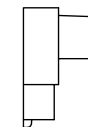
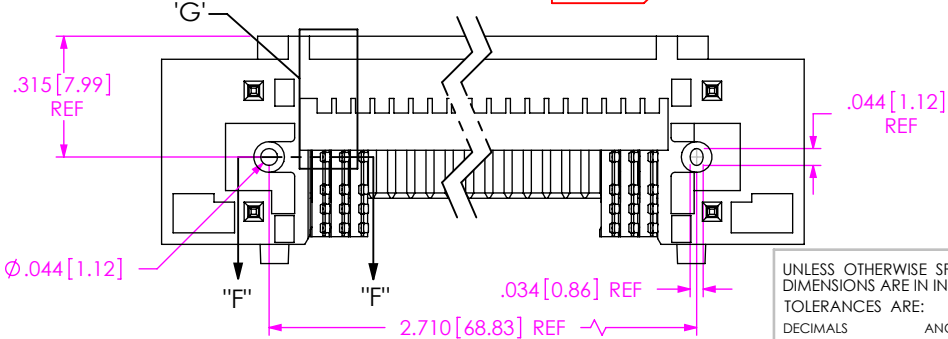
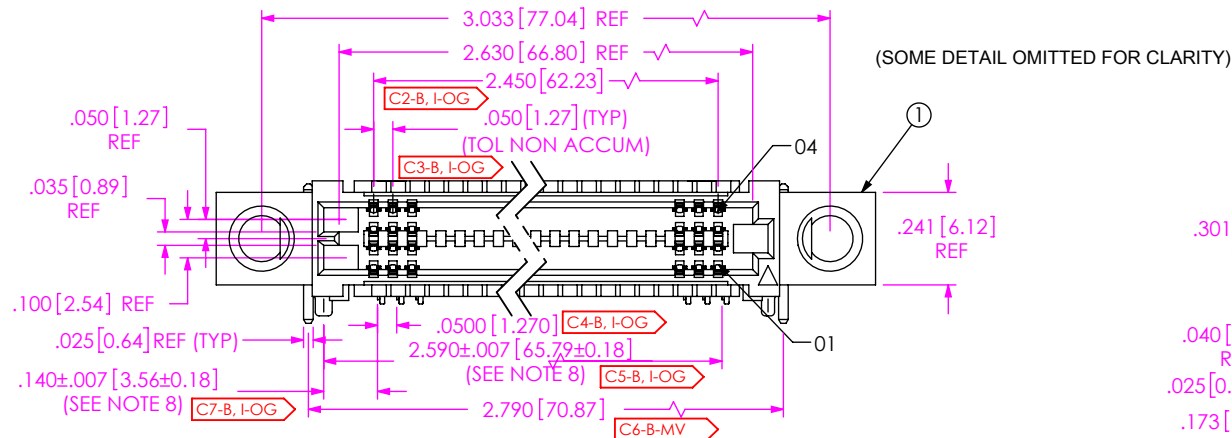
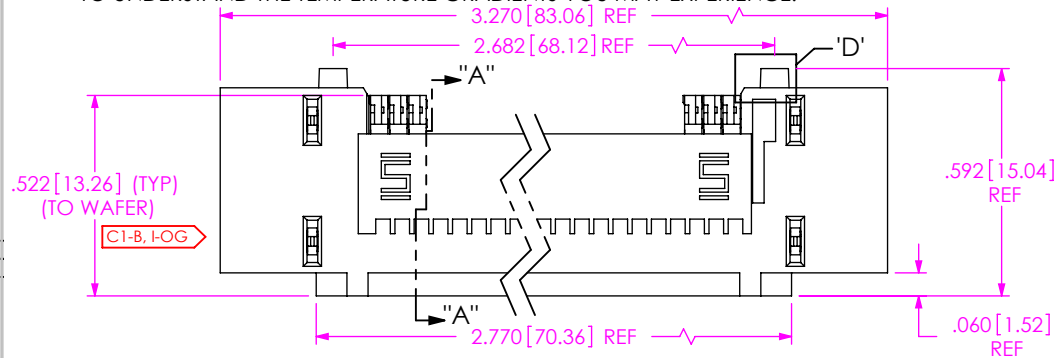
1. STANDARD PART SET UP AS ASP FOR VITA74.
2. CXXX REPRESENTS A CRITICAL DIMENSION.
3. MINIMUM PUSH-OUT FORCE: .50 LBS[2.2N].
4. INSPECT DIMENSION AT 4 CORNERS OF PART.
5. FEATURE REQUIRED FOR VISION INSPECTION.
6. ATTACH LABEL "SEAX-0001" TO EACH TAPE & REEL PACKAGE.
7. PARTS TO BE PACKAGED IN TAPE & 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**

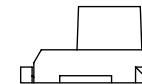
C REF: SEAF-50-01-S-04-2-RA-GP-TR-VITA74

CRITICAL DIMENSION INSPECTION INSTRUCTION TABLE

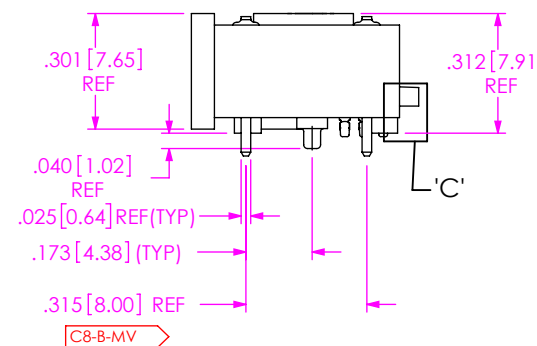
| ASSEMBLY OPERATION | IN-PROCESS INSPECTION |
|--|---|
| FILL WAFERS | C1, C2, C3, C4, C5, C7, C9, C17, C18, C19 |
| FILL WELD TABS | C6, C8, C10, C13 |
| FINISHED ASSEMBLY | C1, C2, C3, C4, C5, C7, C9, C17, C18, C19 |
| CPCs INTENTIONALLY DELETED: C11, C12, C14, C16 | |



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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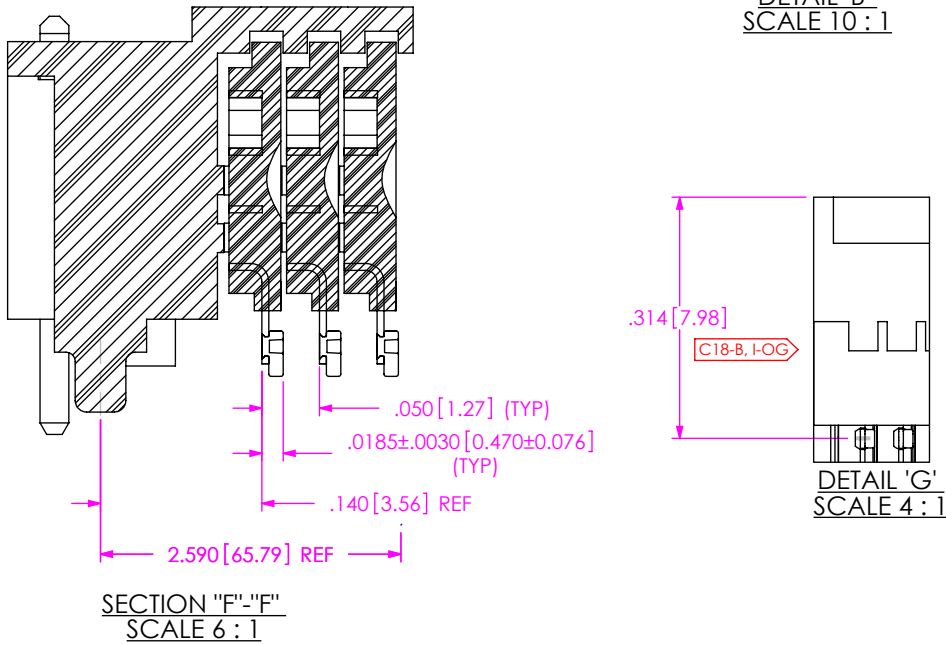
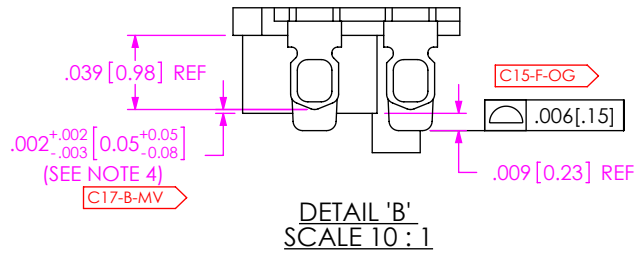
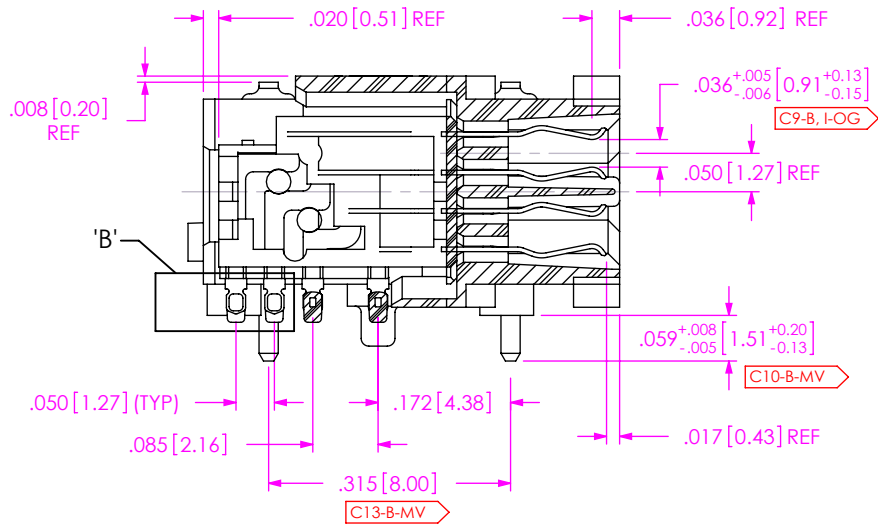


520 PARK EAST BLVD, NEW ALBANY, IN 47150
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 e-Mail: info@SAMTEC.com code 53322

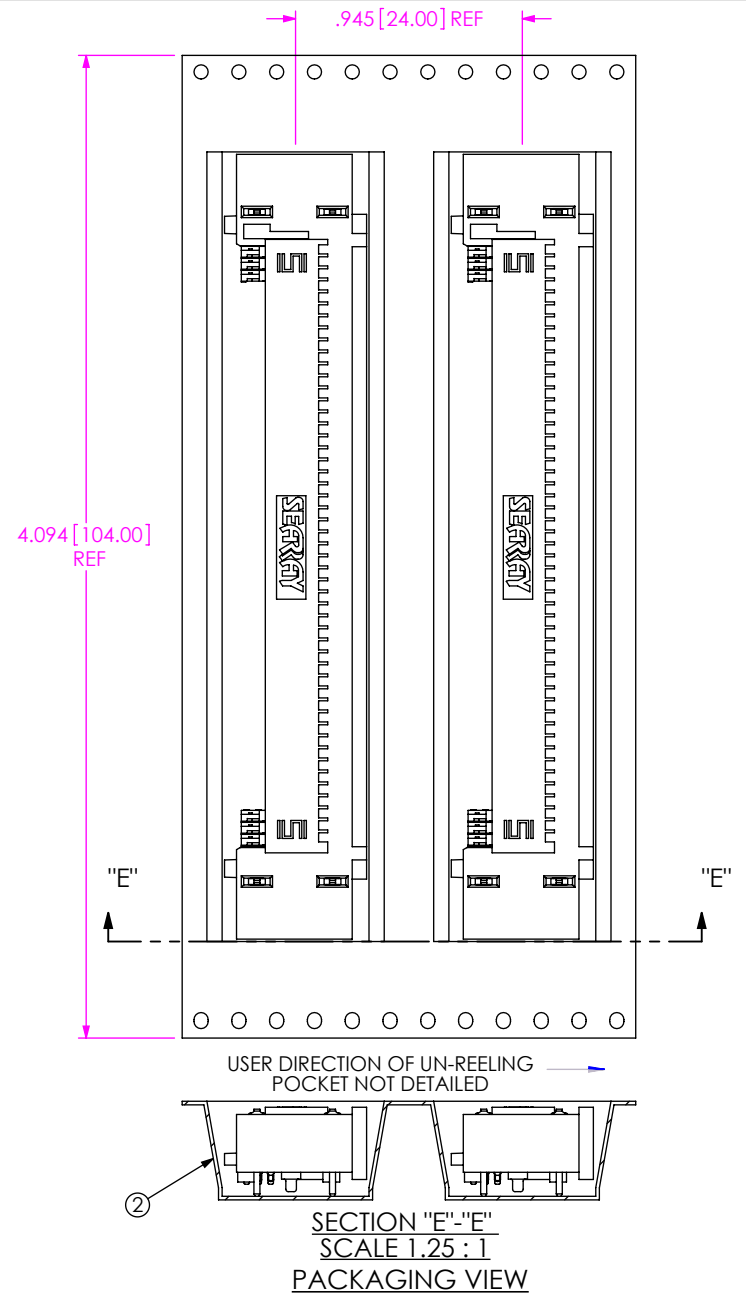
PLATING: DO NOT SCALE DRAWING SHEET SCALE: 2:1
 CONTACTS: CONTACT AREA: .000030 MIN GOLD OVER .000050 MIN NICKEL
 REMAINDER: .000200 REF TIN OVER .000050 MIN NICKEL
 WELD TABS: ENTIRE CONTACT: .000150 TIN OVER .000050 NICKEL
 SOLDER COMPOSITION: 95.5% TIN / 3.8 SILVER / 0.7% COPPER C19-B, I-XR
 LEAD 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 |



DETAIL 'G'
SCALE 4 : 1



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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