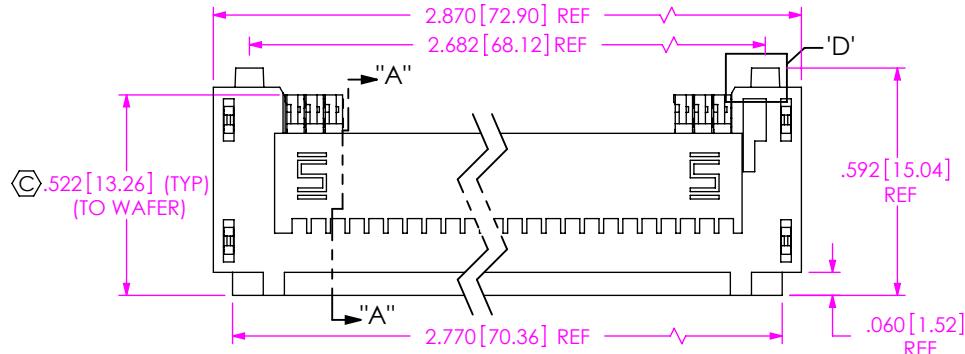


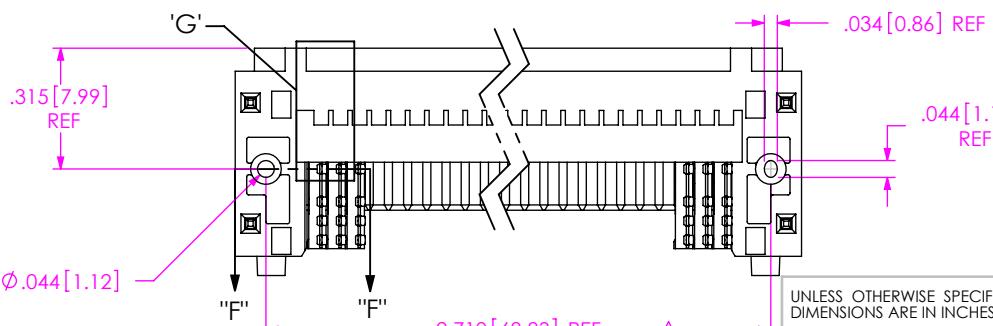
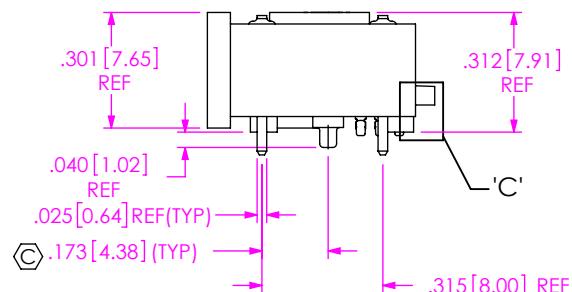
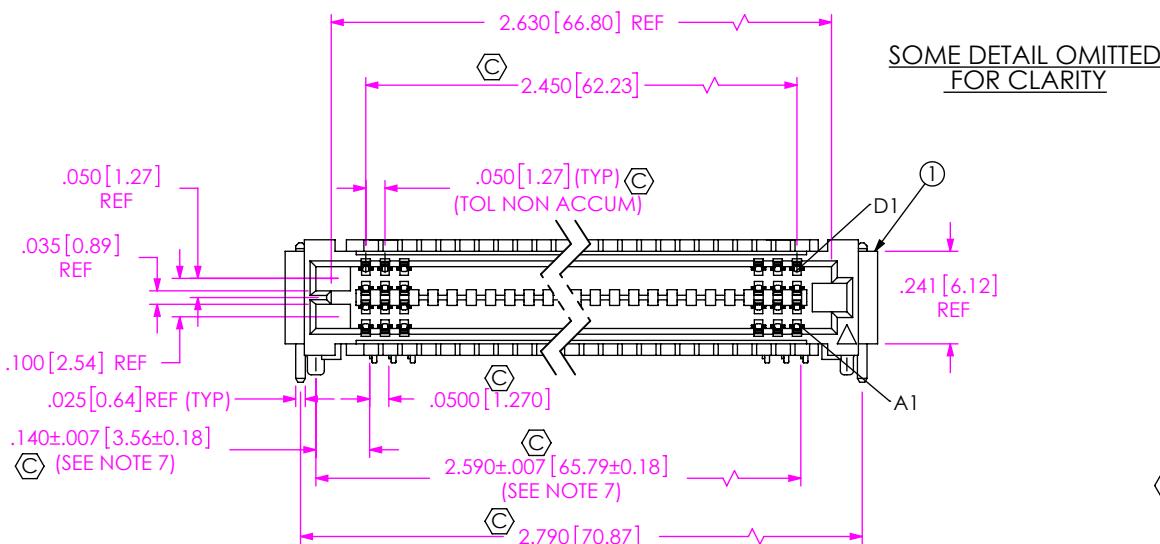
DO NOT  
SCALE FROM  
THIS PRINT



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

## NOTES:

- 1. VITA 74 CONNECTOR.**
2.  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. 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
7. CHECK DIMENSION ON FIRST AND LAST ROW OF TAILS.
8. SOME RELAXATION/WARPING OF THE BACK STRAP IS  
ACCEPTABLE AFTER PROCESSING.
9. PARTS TO BE PACKAGED IN TAPE & REEL.
10. ORDERS WILL BE PACKAGED ACCORDING TO  
THE SAMTEC PACKAGING EFFICIENCY STANDARDS (SPES)  
FOUND ON [WWW.SAMTEC.COM](http://WWW.SAMTEC.COM)
11. ATTACH LABEL "SEAX-0001" TO EACH TAPE & REEL PACKAGE.



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

DO NOT SCALE DRAWING SHEET SCALE:  
PLATING: CONTACTS: CONTACT AREA: .000010 GOLD OVER .000050 NICKEL  
REMAINDER: .000200 TIN OVER .000050 NICKEL  
WELD TABS: .000150 TIN OVER .000050 NICKEL  
SOLDER COMPOSITION: 95.5% TIN / 3.8 SILVER / 0.7% COPPER CHARGE TAIL  


ITEM NO.	PART NUMBER	QTY	MATERIAL
1	S-SEAF-50-01-L-04-2-RA-TR	1.0000	LCP, COLOR BLACK/PHOS BRONZE/LEAD FREE SOLDER
2	CT-SEAF072TP	.00444	CONDUCTIVE POLYMER
3	SEAX-0001	.01000	LABEL

**Samtec**

520 PARK EAST BLVD, NEW ALBANY, IN 47150  
PHONE: 812-944-6733 FAX: 812-948-5047

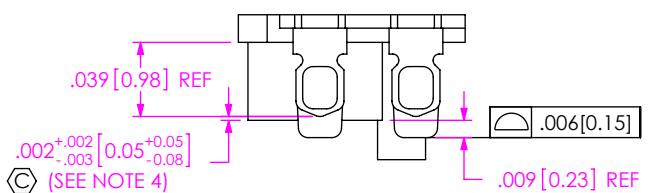
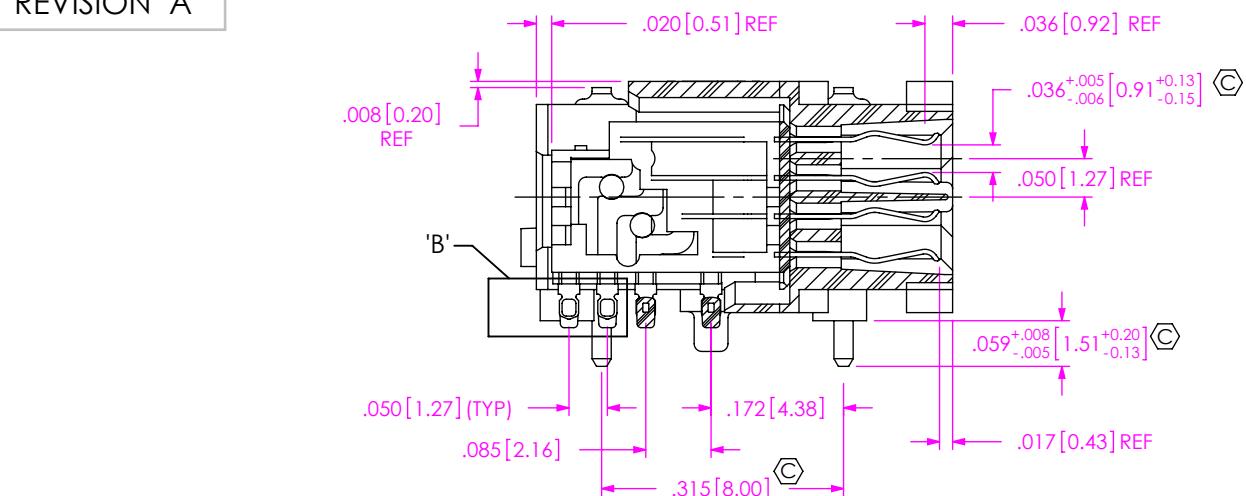
e-Mail [info@SAMTEC.com](mailto:info@SAMTEC.com) code 55322

TA 74 SEAF-RA (LEAD FRE

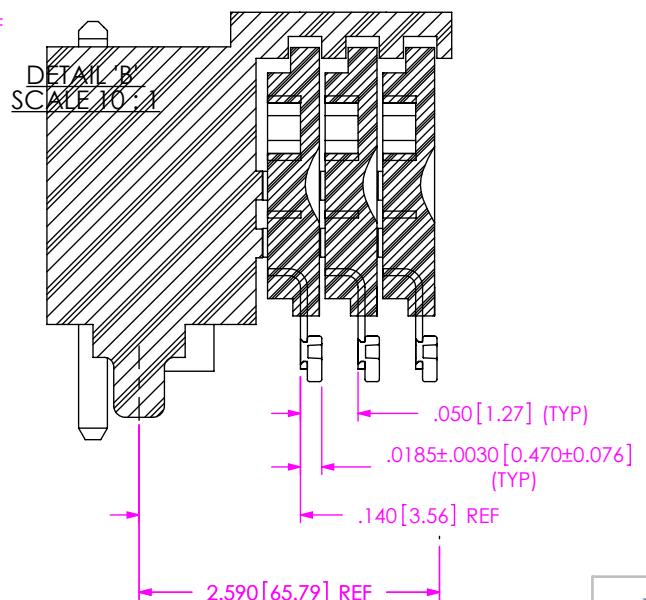
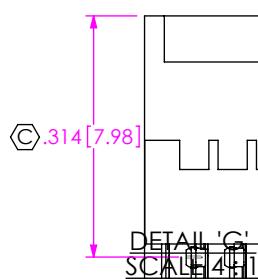
ASP-161074-03

WNING 09/22/2021 SHEET 1 OF 2

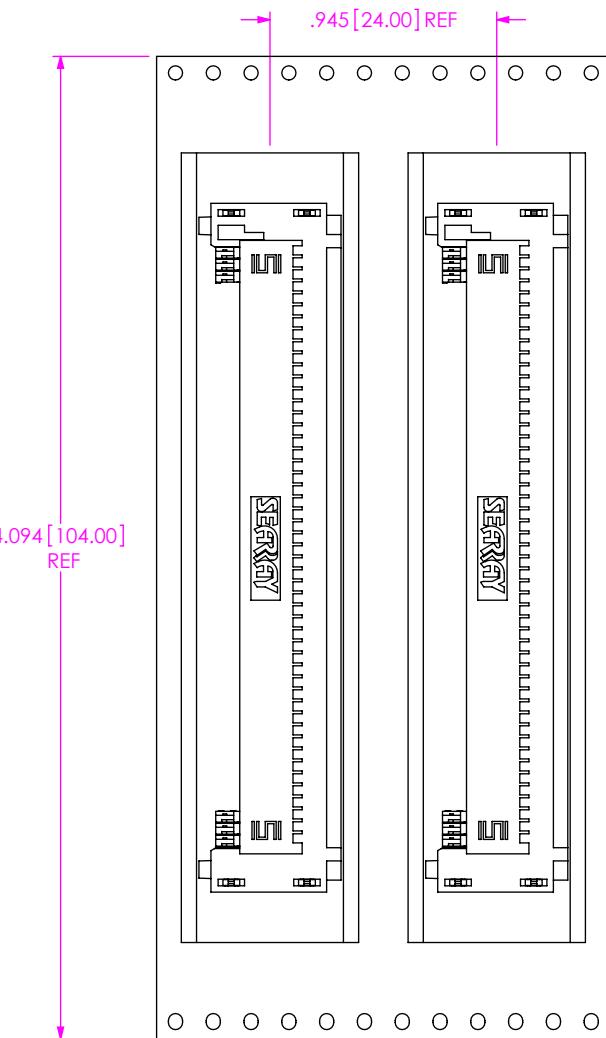
REVISION A



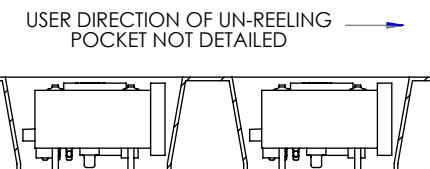
SECTION "A"- "A"  
SCALE 4 : 1



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



4.094[104.00]  
REF



PACKAGING VIEW

PROPRIETARY NOTE  
\*  
THIS DOCUMENT CONTAINS CONFIDENTIAL AND  
PROPRIETARY INFORMATION AND ALL DESIGN,  
MANUFACTURING, REPRODUCTION, USE, PATENT RIGHTS  
AND SALES RIGHTS ARE EXPRESSLY RESERVED BY SAMTEC,  
INC. THIS DOCUMENT SHALL NOT BE DISCLOSED, IN WHOLE  
OR PART, TO ANY UNAUTHORIZED PERSON OR ENTITY NOR  
REPRODUCED, TRANSFERRED OR INCORPORATED IN ANY  
OTHER PROJECT IN ANY MANNER WITHOUT THE EXPRESS  
WRITTEN CONSENT OF SAMTEC, INC.

SHEET SCALE: 1:1

**Samtec**  
520 PARK EAST BLVD, NEW ALBANY, IN 47150  
PHONE: 812-944-6733 FAX: 812-948-5047  
e-Mail: info@SAMTEC.com code 55322

DESCRIPTION: VITA 74 SEAF-RA (LEAD FREE)

DWG. NO.

ASP-161074-03