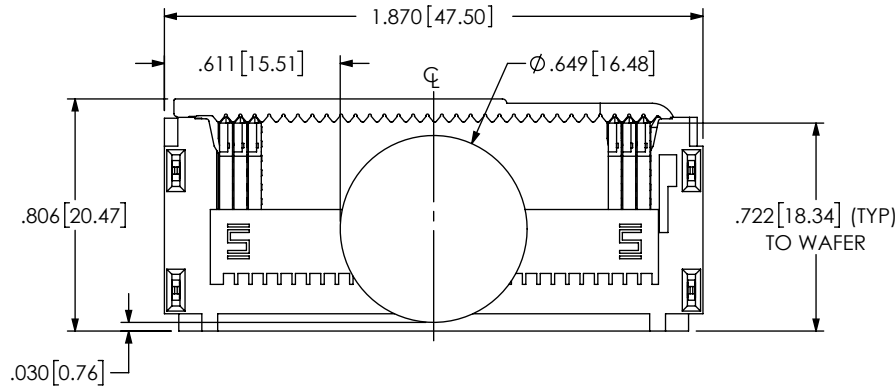


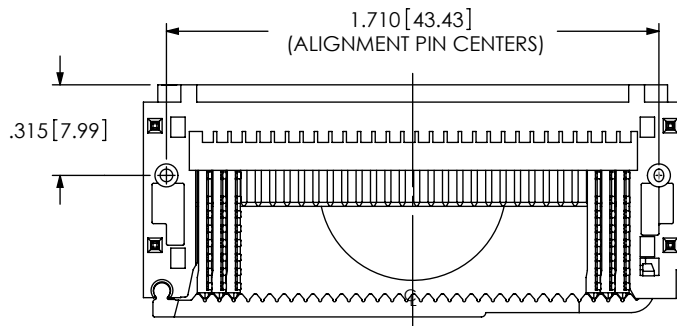
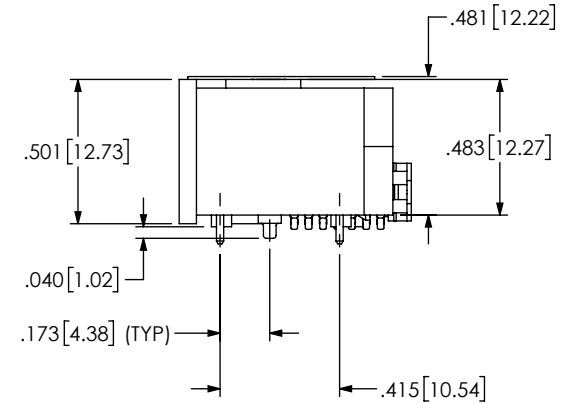
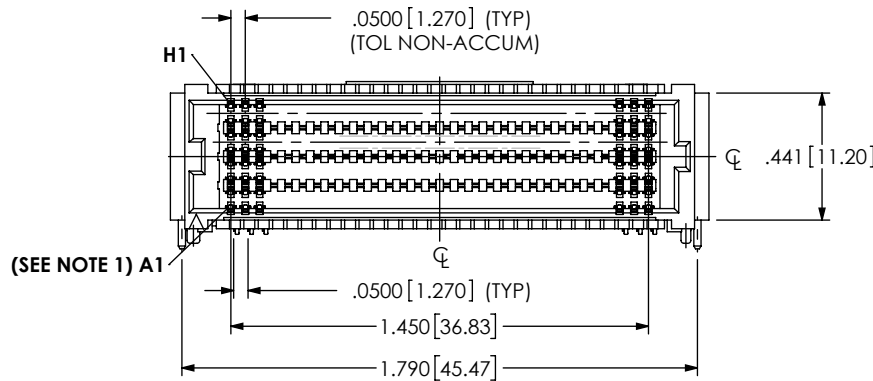
DESIGNED AND DIMENSIONED IN INCHES[MILLIMETERS]  
ALL DIMENSIONS REFERENCE EXCEPT AS SHOWN

ANY REVISION MADE TO THIS PRINT MUST HAVE AN UPDATED MKT PRINT

DO NOT  
SCALE FROM  
THIS PRINT



SOME CENTER FEATURES NOT  
SHOWN FOR CLARITY



NOTES:


- ANSI/VITA 90 VNX+ INDUSTRY STANDARD COMPLIANT CONNECTOR FOR VNX+ APPLICATIONS.  
ATTENTION: CUSTOMIZED A1 PIN LOCATION FOR V90 APPLICATIONS.  
IMPORTANT: PCB LAYOUT ON SHEET 3 MUST BE USED FOR V90 COMPLIANCE.  
CONTACT & WELD TAB PLATING NOT AVAILABLE AS STANDARD.
- MINIMUM PUSHOUT FORCE: 0.50 LBS.
- PARTS TO BE PACKAGED IN TAPE AND REEL.
- ORDERS WILL BE PACKAGED ACCORDING TO THE SAMTEC PACKAGING EFFICIENCY STANDARDS (SPES) FOUND ON WWW.SAMTEC.COM.

c:\enterprisevault\DWG\MISC\MKTG\ASP-232971-01-MKT.SLDDRW

**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.

DO NOT SCALE DRAWING  
SHEET SCALE: 3:2

MATERIAL:  
**INSULATOR: LCP, COLOR:BLACK**  
**CONTACT: COPPER ALLOY**  
**PLATING:**  
**CONTACT AREA: .000030 GOLD**  
**REMAINDER: .000003 GOLD**  
LEADED SOLDER

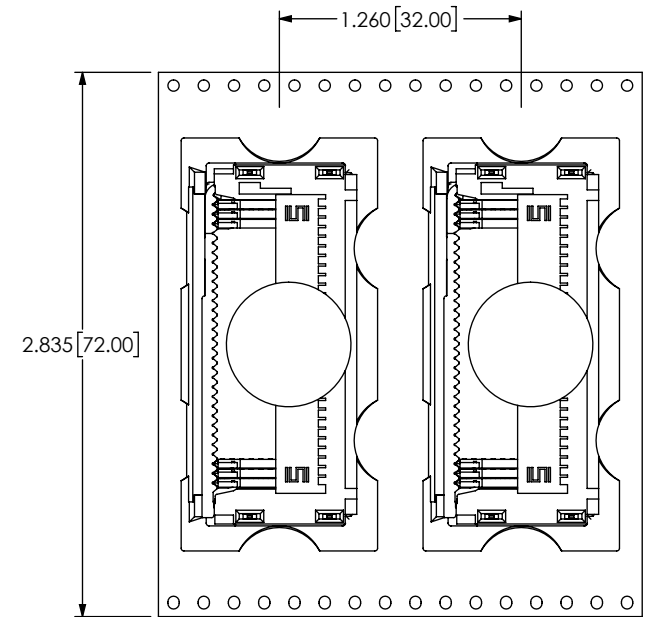
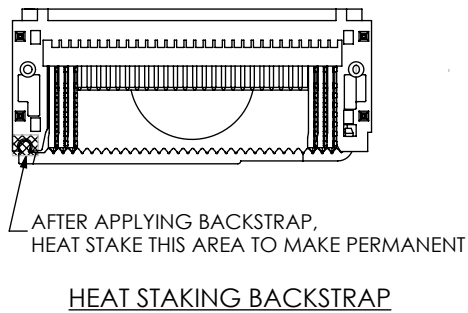
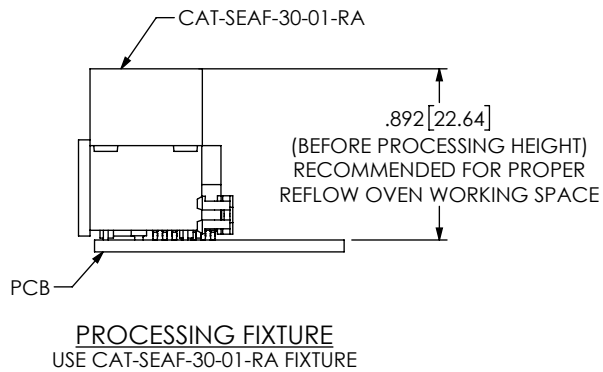


520 PARK EAST BLVD., NEW ALBANY, IN 47150  
PHONE: 812-944-6733 FAX: 812-948-5047  
e-Mail: info@SAMTEC.com code 55322

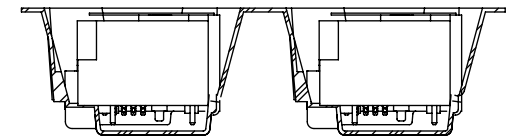
DESCRIPTION:  
VITA 90 SEAF-RA 240 PIN (LEADED SOLDER)

DWG. NO.  
ASP-232971-01

BY: J. BROWNING 08/22/2023 SHEET 1 OF 4



USER DIRECTION OF UN-REELING →  
POCKET NOT DETAILED



**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.



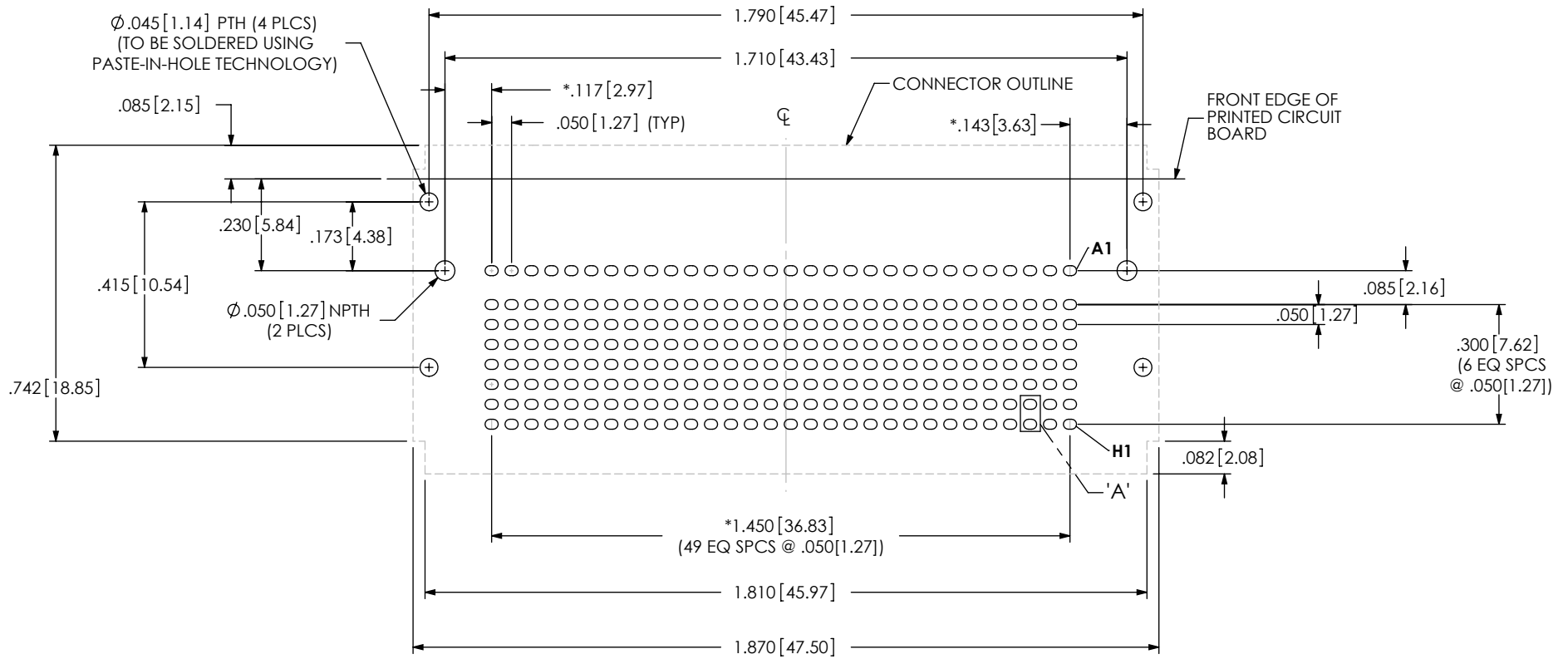
520 PARK EAST BLVD., NEW ALBANY, IN 47150  
PHONE: 812-944-6733 FAX: 812-948-5047  
e-Mail: info@SAMTEC.com code 55322

SHEET SCALE: 1:2

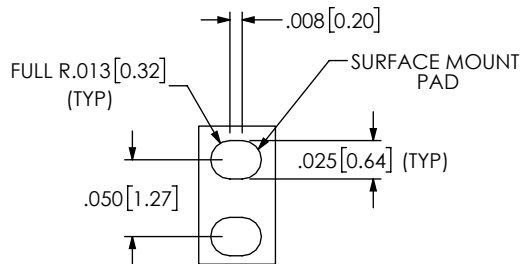
DESCRIPTION:  
VITA 90 SEAF-RA 240 PIN (LEADED SOLDER)

DWG. NO.  
**ASP-232971-01**

BY: J. BROWNING 08/22/2023 SHEET 2 OF 4

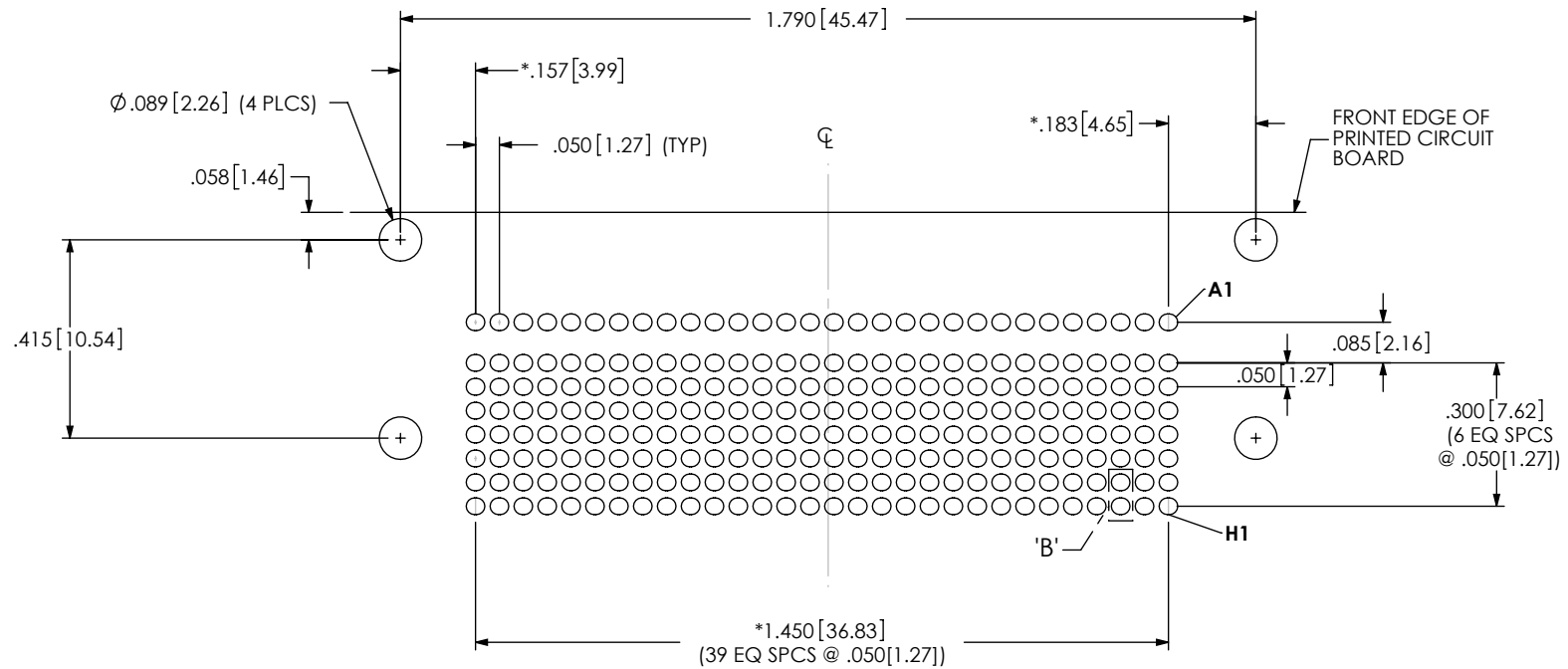


RECOMMENDED PCB LAYOUT  
 ALL DIMENSIONS ARE SYMMETRIC ABOUT THE CENTERLINE EXCEPT "\*" DIMENSIONS)

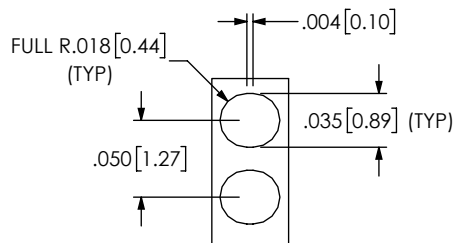


DETAIL 'A'  
 SCALE 8:1

<p><b>PROPRIETARY NOTE</b></p> <p>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.</p>	<p><b>samtec</b></p> <p>520 PARK EAST BLVD., NEW ALBANY, IN 47150                  PHONE: 812-944-6733 FAX: 812-948-5047                  e-Mail info@SAMTEC.com code 55322</p>
	<p>DESCRIPTION:                  VITA 90 SEAF-RA 240 PIN (LEADED SOLDER)</p>
<p>SHEET SCALE: 2.5:1</p>	<p>DWG. NO.                  ASP-232971-01</p>
<p>BY: J. BROWNING 08/22/2023 SHEET 3 OF 4</p>	



RECOMMENDED STENCIL LAYOUT  
 ALL DIMENSIONS ARE SYMMETRIC ABOUT THE CENTERLINE EXCEPT "\*" DIMENSIONS  
 STENCIL TO BE .0060 THICK



DETAIL 'B'  
 SCALE 8 : 1

<p><b>PROPRIETARY NOTE</b></p> <p>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.</p>	<p><b>samtec</b></p> <p>520 PARK EAST BLVD, NEW ALBANY, IN 47150                  PHONE: 812-944-6733 FAX: 812-948-5047                  e-Mail info@SAMTEC.com code 55322</p>
	<p>DESCRIPTION:                  VITA 90 SEAF-RA 240 PIN (LEADED SOLDER)</p>
<p>SHEET SCALE: 2.5:1</p>	<p>DWG. NO.                  ASP-232971-01</p>
<p>BY: J. BROWNING 08/22/2023 SHEET 4 OF 4</p>	