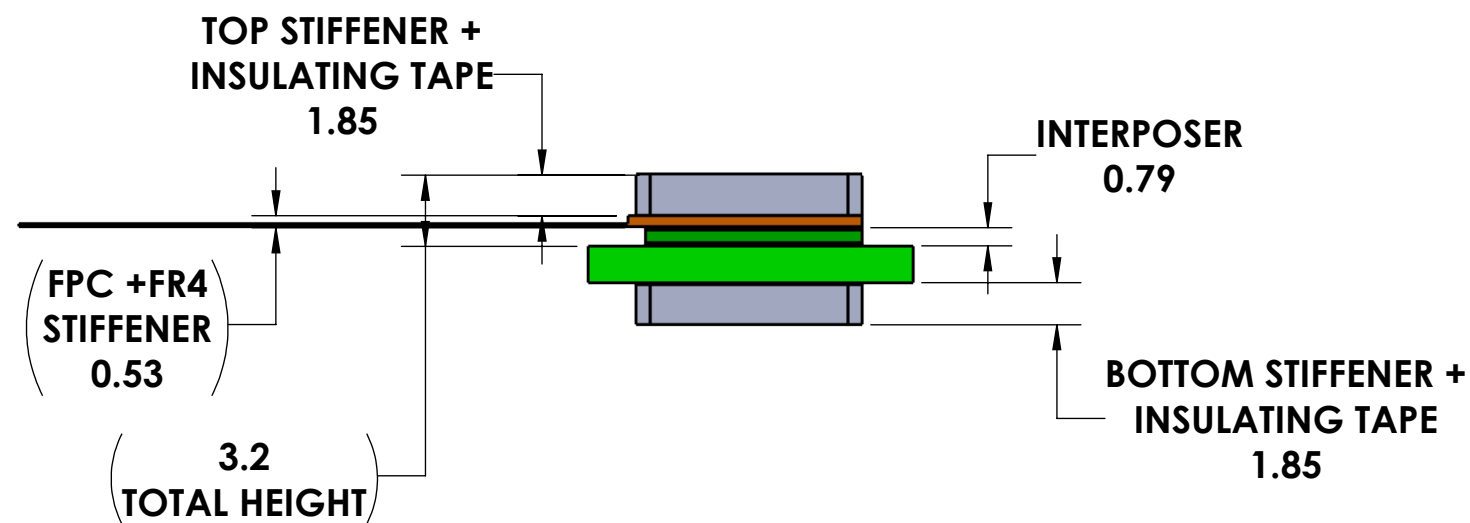
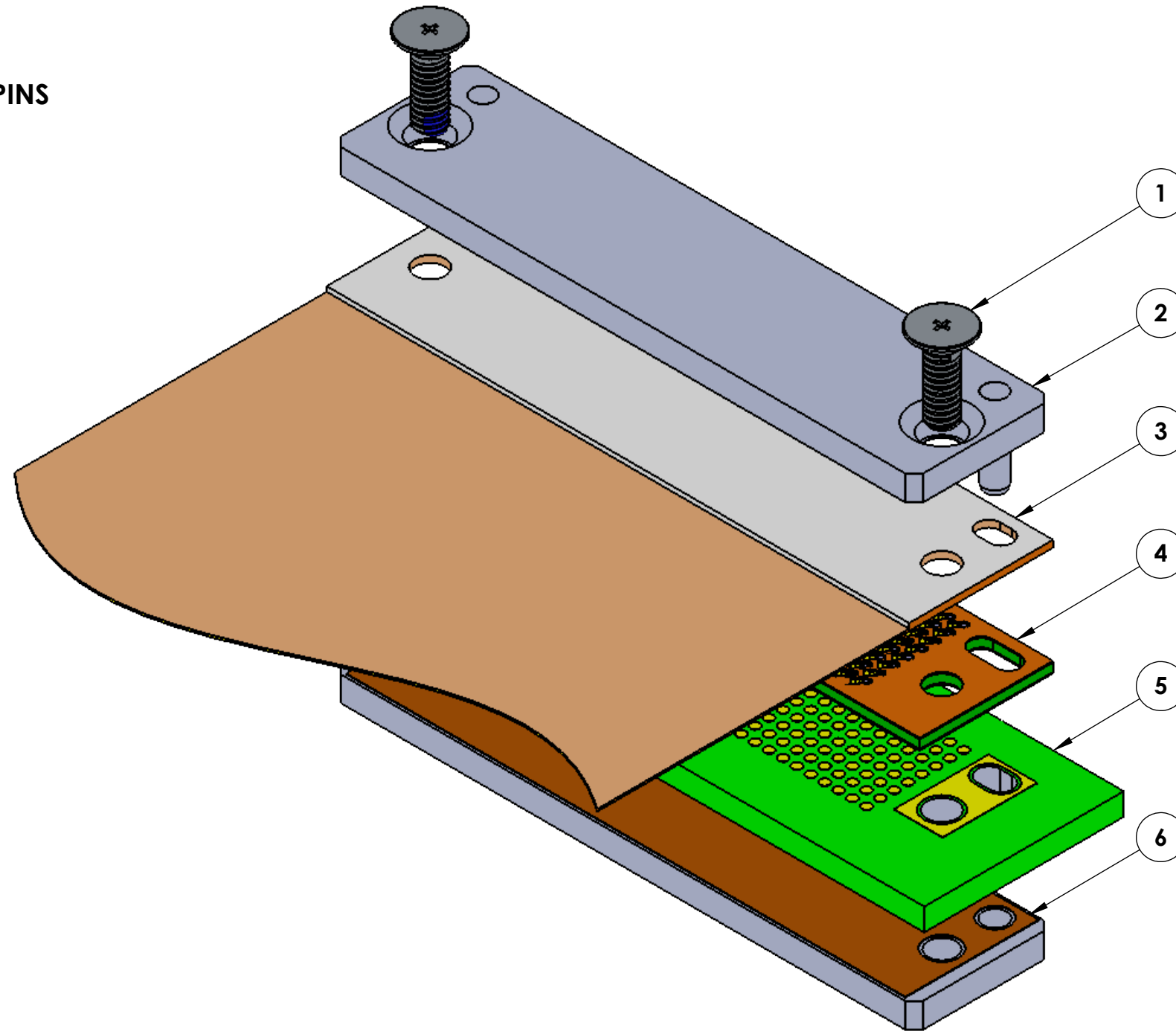
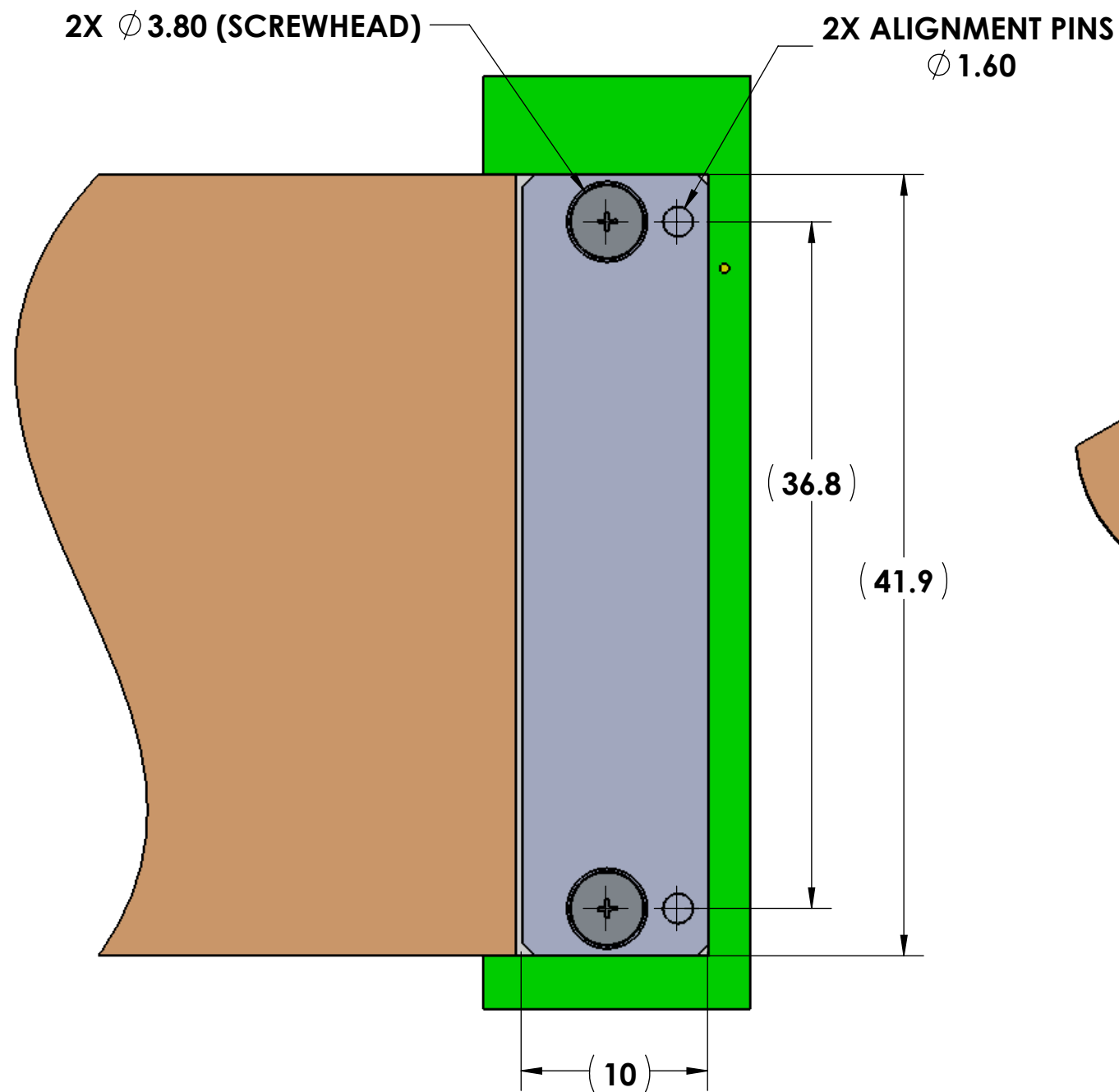


- PROPRIETARY INFORMATION -
NO USE OR REPRODUCTION MAY BE MADE OF
THIS DOCUMENT WITHOUT EXPRESS WRITTEN
PERMISSION OF NEOCONIX.

REVISION				
REV	ECN	DESCRIPTION	DATE	DESIGN BY
01	0000	INITIAL RELEASE	01-08-2025	TAN



ITEM	DESCRIPTION	NEOCONIX P/N	QTY PER ASSY
1	M2 FLATHEAD SCREW	VARIOUS *	2
2	TOP STIFFENER	B01-000841-LXXX*	1
3	FPC	CUSTOM UPON REQUEST	1
4	INTERPOSER	SPH2-LD256A	1
5	PCB	N/A - CUSTOMER SUPPLIED	1
6	BOTTOM STIFFENER	B01-000627	1

* SEE **AS-000034** FOR VARIOUS PART NUMBER
OPTIONS BASED ON ASSEMBLY THICKNESS STACKUP.
ALL ITEMS ORDERED SEPARATELY.

neconix
4020 MOORPARK AVENUE #108
SAN JOSE, CA 95117 USA
TEL: 408-530-9393 FAX: 408-530-9383

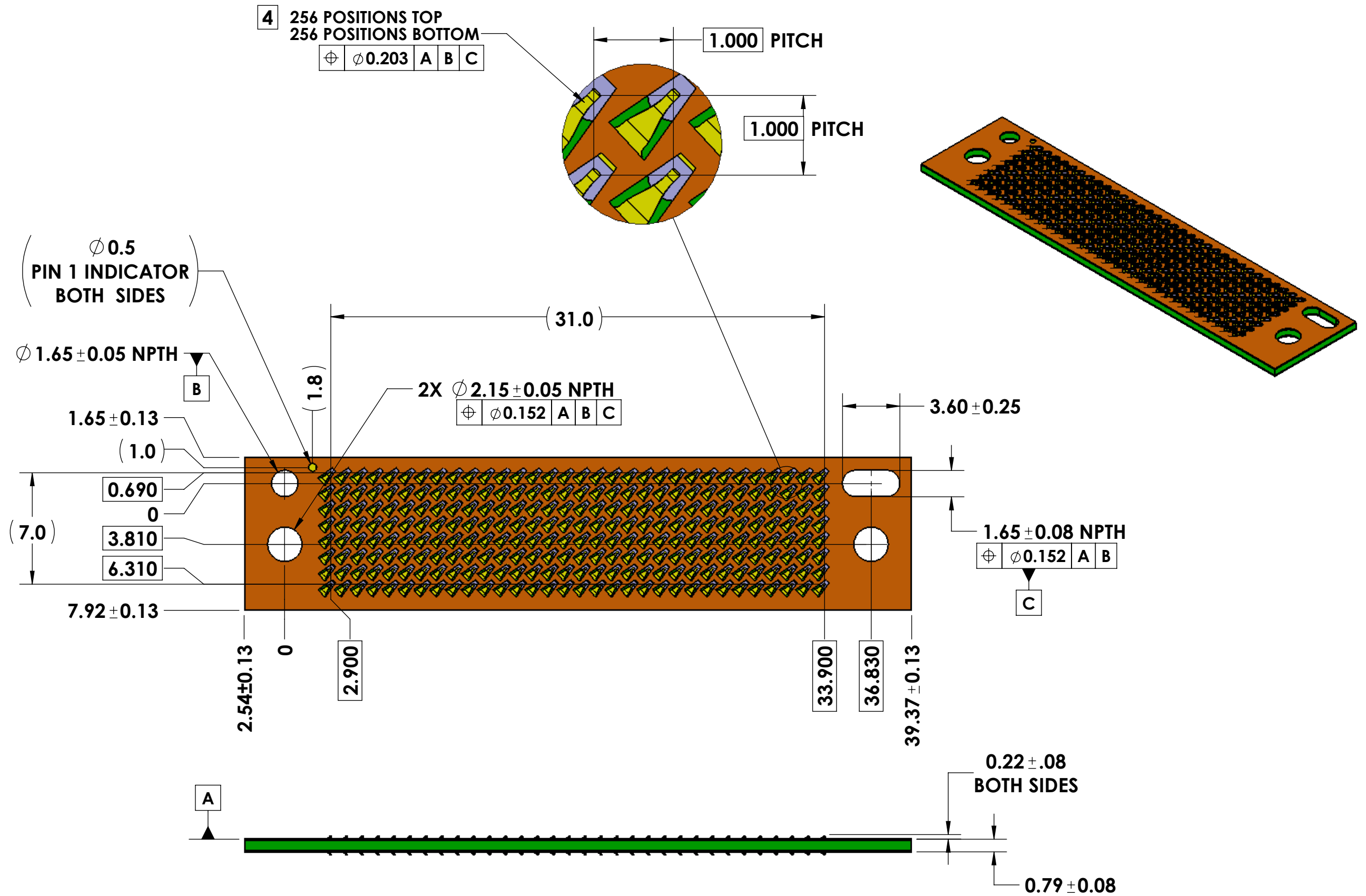
DIMENSIONS ARE IN
MM [INCH]
.X \pm
.XX \pm
.XXX \pm
ANGLE: NO DEC \pm
.X \pm
.XX \pm

MATERIAL: **SEE NOTES**
FINISH:
DRAWN BY: **TAN NGUYEN** 01-08-2025
CHECKED BY:
ENGR APPR:
MFG APPR:
QA APPR:

TITLE: **SPH2 ASSEMBLY
256A POSITIONS LGA-LGA**
DWG NUMBER: **SPH2-LD256A-ASY** REV **1**
SCALE: 3:1 SHEET 1 OF 4



REVISION				
REV	ECN	DESCRIPTION	DATE	DESIGN BY
01	0000	INITIAL RELEASE	01-08-2025	TAN



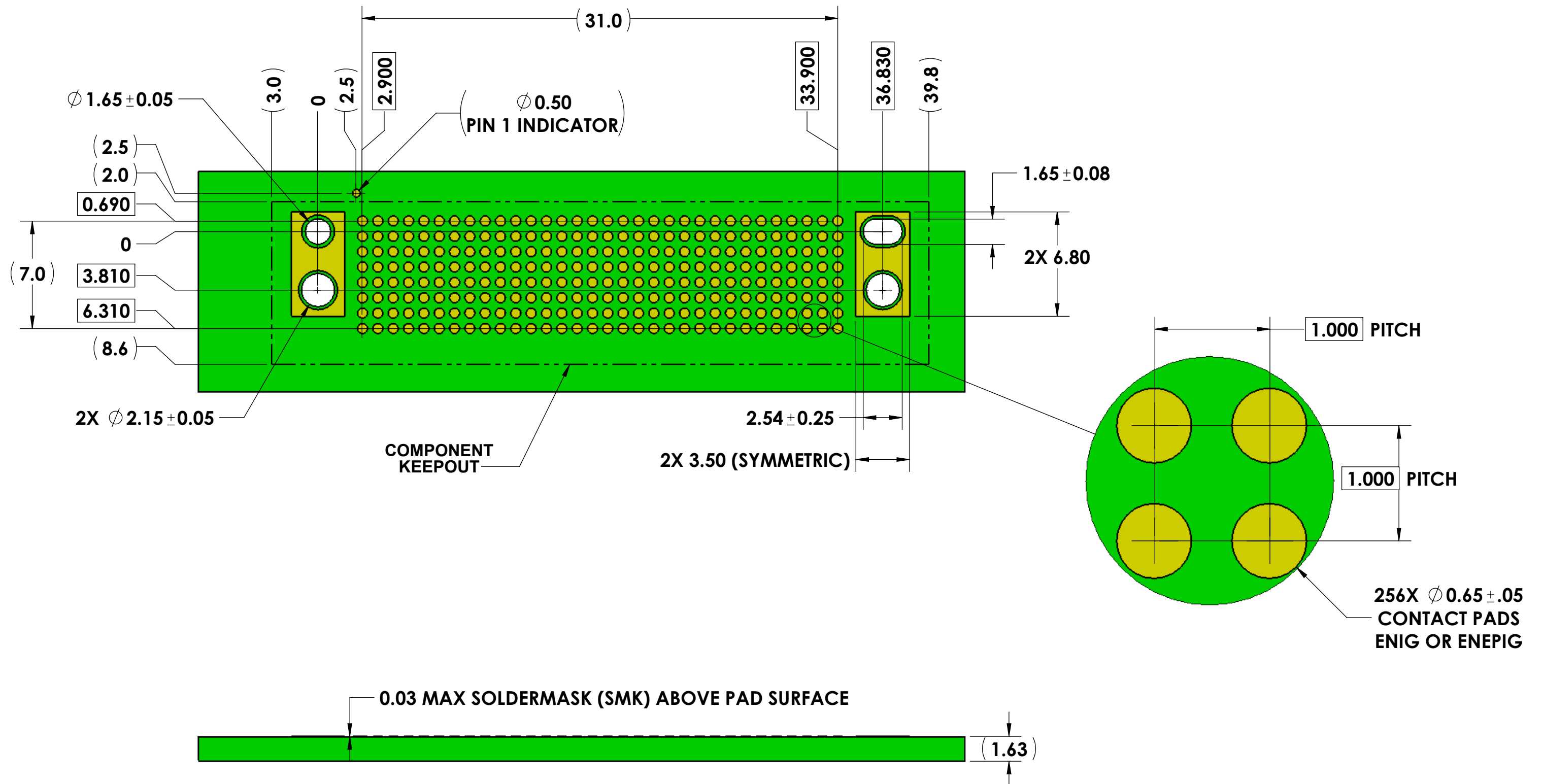
NOTES (UNLESS OTHERWISE SPECIFIED):

1. INTERPRET DRAWING PER ASME Y14.5M-1994.
2. HALOGEN-FREE PER IPC-4101B.
3. COMPLIANT WITH RoHS DIRECTIVE 2011/65/EU.

4 CENTER MARKS OF CONTACT POSITIONS ARE FOR COMPRESSED STATE

<p>4020 MOORPARK AVENUE #108 SAN JOSE, CA 95117 USA TEL: 408-530-9393 FAX: 408-530-9383</p>	DIMENSIONS ARE IN MM [INCH] .X ± 0.13 .XX ± 0.08 .XXX ± 0.025 ANGLE: NO DEC ± 2 DEGREE .X ± .XX ±	MATERIAL: SEE NOTES FINISH: DRAWN BY: TAN NGUYEN CHECKED BY: 01-08-2025 ENGR APPR: MFG APPR: QA APPR:	TITLE: SPH2 INTERPOSER 256 POS LGA-LGA DWG NUMBER: SPH2-LD256A SCALE: 4:1
	THIRD ANGLE	SIZE B+	REV 1
	SHEET 2 OF 4	SHEET 2 OF 4	SHEET 2 OF 4
	SHEET 2 OF 4	SHEET 2 OF 4	SHEET 2 OF 4

- PROPRIETARY INFORMATION -
NO USE OR REPRODUCTION MAY BE MADE OF
THIS DOCUMENT WITHOUT EXPRESS WRITTEN
PERMISSION OF NEOCONIX.



NOTES:

1. IT IS ACCEPTABLE TO ROTATE THE POSITION OF THE VIAS AS NEEDED.
2. IF THE VIA NEEDS TO BE LOCATED WITHIN THE 0.65MM PAD DIAMETER, IT MUST BE FILLED, PLATED, AND PLANARIZED WITH 25UM MAX DIMPLE.
3. SOLDERMASK APPLICATION IN THE ARRAY AREA IS OPTIONAL. IF APPLIED, IT SHALL NOT PROTRUDE MORE THAN 0.03MM ABOVE THE SURFACE OF THE MATING PADS.

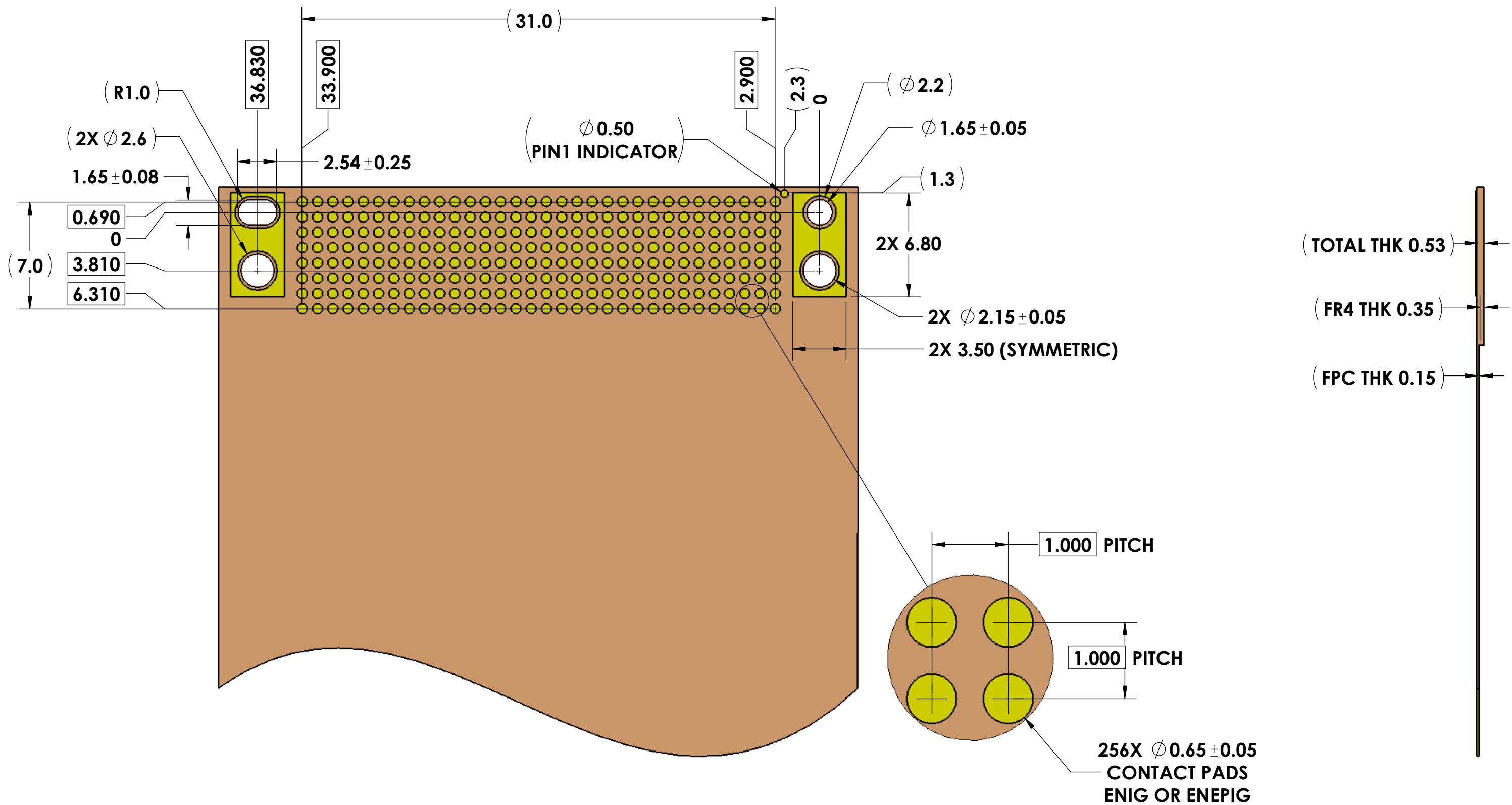
neconix
4020 MOORPARK AVENUE #108
SAN JOSE, CA 95117 USA
TEL: 408-530-9393 FAX: 408-530-9383

DIMENSIONS ARE IN
MM [INCH]
.X ±
.XX ±
.XXX ±
ANGLE: NO DEC ±
.X ±
.XX ±
THIRD ANGLE

MATERIAL: SEE NOTES
FINISH:
DRAWN BY: TAN NGUYEN 01-08-2025
CHECKED BY:
ENGR APPR:
MFG APPR:
QA APPR:

TITLE: RECOMMENDED PCB LAYOUT
SPH2-LD256A
DWG NUMBER: SPH2-LD256A-PCB
REV: 1
SCALE: 4:1
SHEET 3 OF 4

- PROPRIETARY INFORMATION -
NO USE OR REPRODUCTION MAY BE MADE OF
THIS DOCUMENT WITHOUT EXPRESS WRITTEN
PERMISSION OF NEOCONIX.



NOTES:

1. IT IS ACCEPTABLE TO ROTATE THE POSITION OF THE VIAS AS NEEDED.
2. IF THE VIA NEEDS TO BE LOCATED WITHIN THE 0.65MM PAD DIAMETER, IT MUST BE FILLED, PLATED, AND PLANARIZED WITH 25UM MAX DIMPLE.
3. SOLDERMASK APPLICATION IN THE ARRAY AREA IS OPTIONAL. IF APPLIED, IT SHALL NOT PROTRUDE MORE THAN 0.03MM ABOVE THE SURFACE OF THE MATING PADS.

<p>4020 MOORPARK AVENUE #108 SAN JOSE, CA 95117 USA TEL: 408-530-9393 FAX: 408-530-9383</p>	DIMENSIONS ARE IN MM [INCH]		MATERIAL: SEE NOTES		TITLE: RECOMMENDED FPC LAYOUT SPH2-LD256A	
	.X ±		FINISH:		SIZE	DWG NUMBER:
	.XX ±		DRAWN BY: TAN NGUYEN	01-08-2025	B+	SPH2-LD256A-FPC
	.XXX ±		CHECKED BY:		REV	1
ANGLE: NO DEC ±		ENGR APPR:		SCALE: 4:1		SHEET 4 OF 4
.X ±		MFG APPR:				
.XX ±		QA APPR:				
<p>THIRD ANGLE</p>						