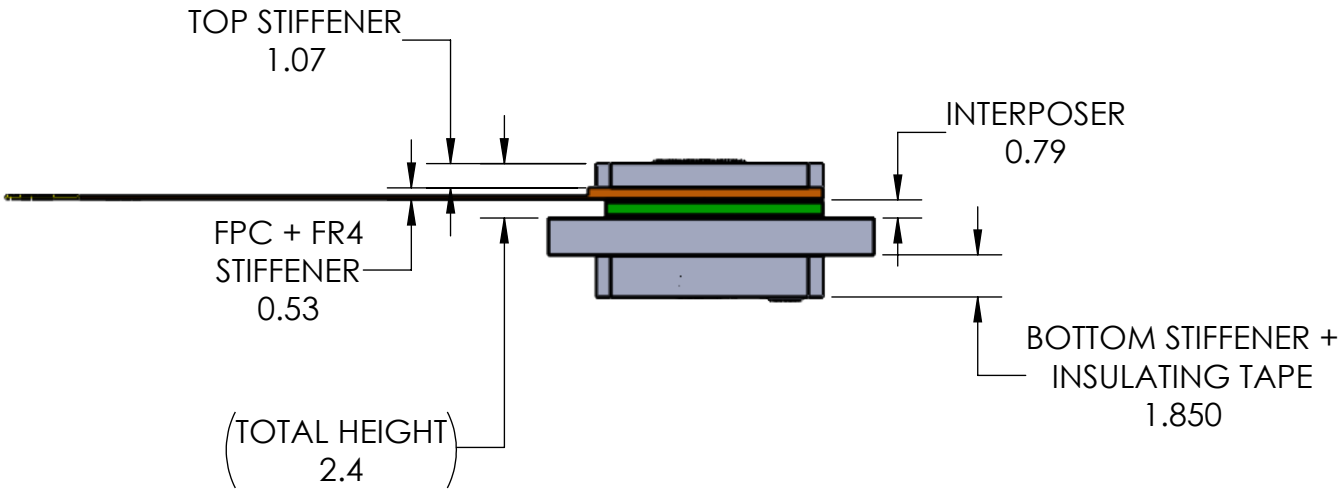
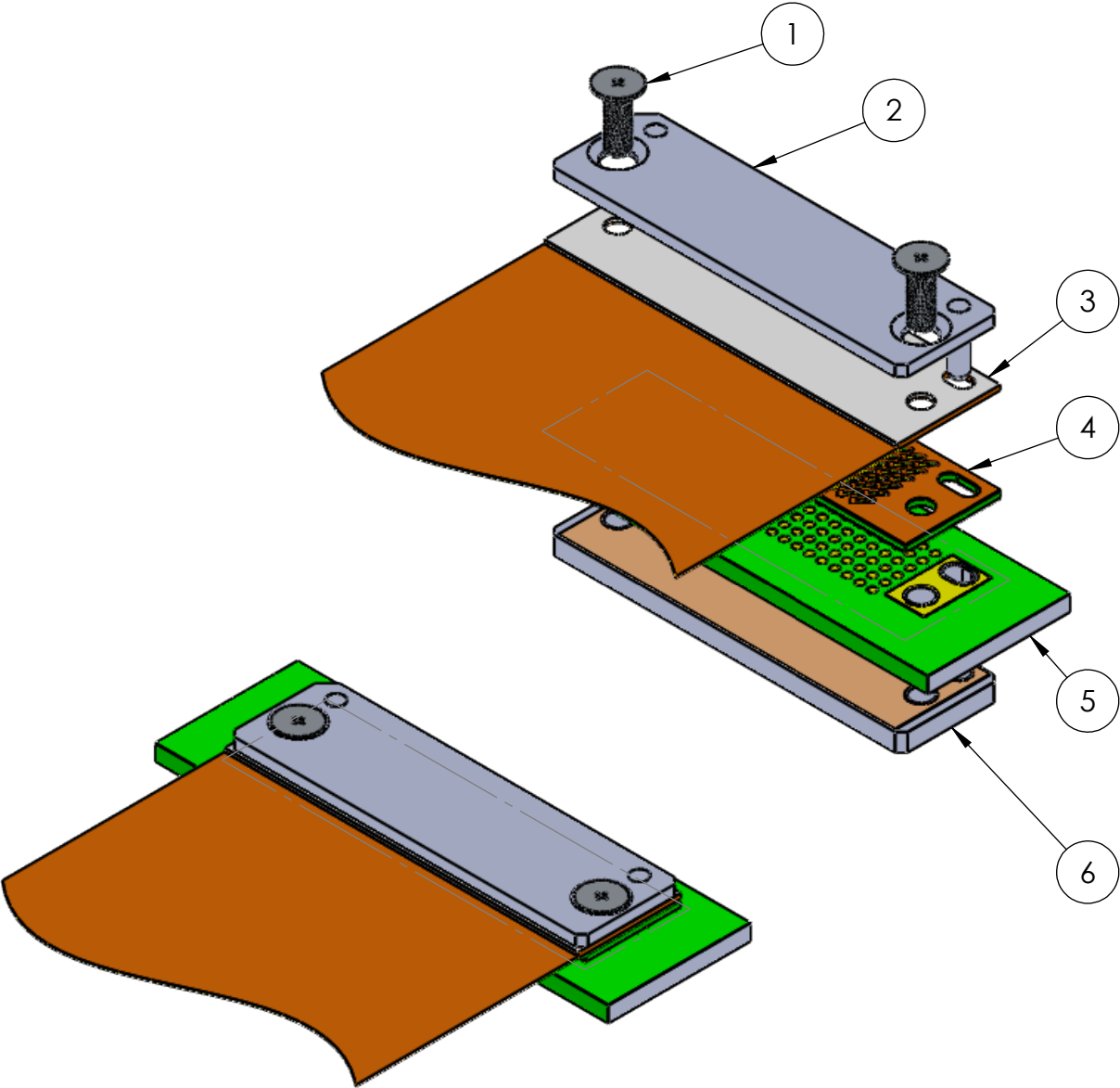
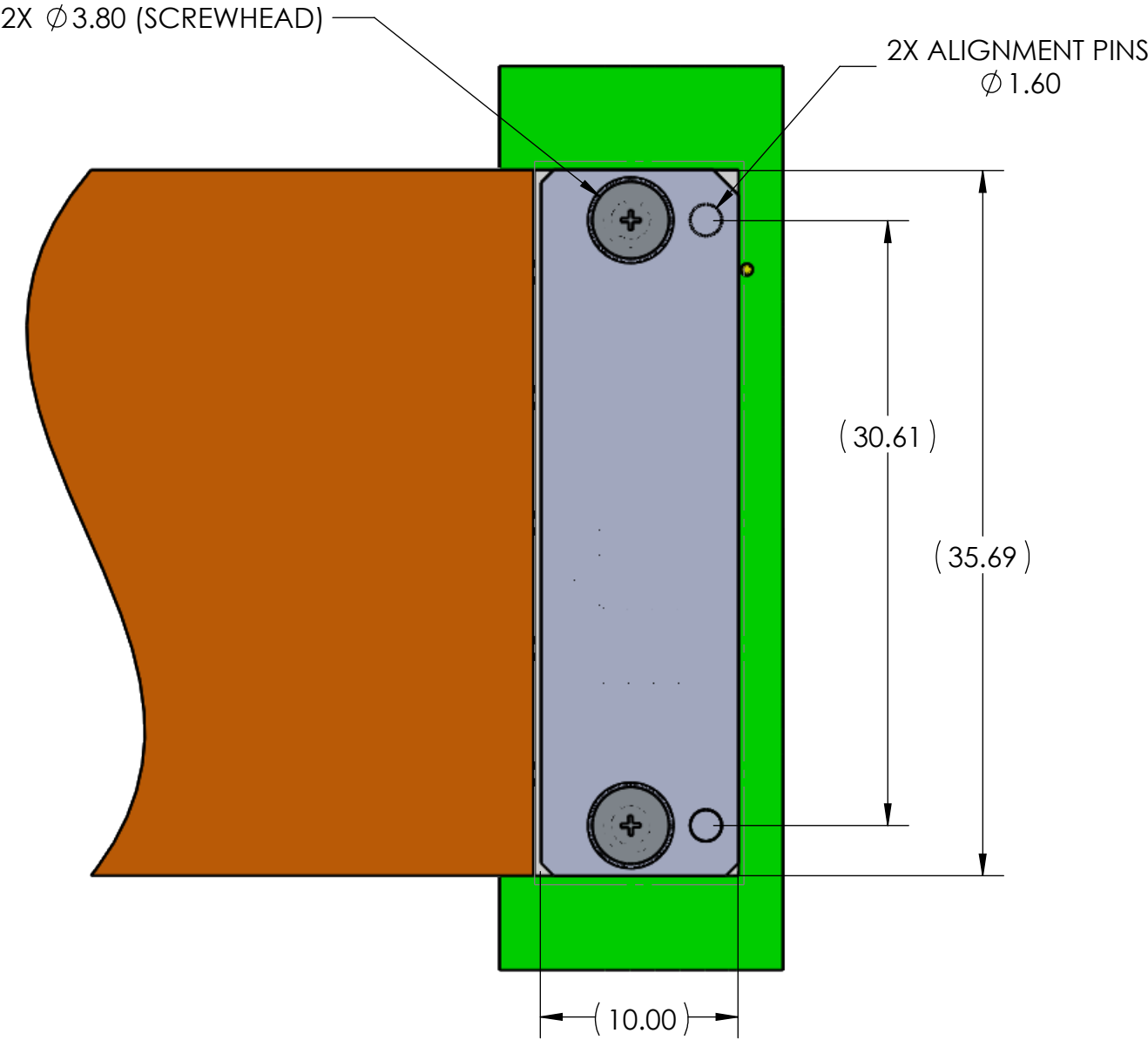


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REVISION				
REV	ECN	DESCRIPTION	DATE	APPROVED
A	1263	PRODUCTION RELEASE	12-10-2019	WES TAO
B	1285	INCREASE MOUNTING HOLES: STIFFENER TABS	03-01-2021	WES TAO



ITEM	DESCRIPTION	NEOCONIX P/N	QTY PER ASSY
1	M2 FLATHEAD SCREW	VARIOUS *	2
2	TOP STIFFENER	B01-000624-Lxxx *	1
3	FPC	CUSTOM UPON REQUEST	1
4	INTERPOSER	SPH2-MF120A	1
5	PCB	N/A - CUSTOMER SUPPLIED	1
6	BOTTOM STIFFENER	B01-000628	1

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

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: W.B.LONG 09-30-2019

CHECKED BY:

ENGR APPR:

MFG APPR:

QA APPR:

TITLE: SPH2 ASSEMBLY
120 POSITIONS LGA-LGA

SIZE DWG NUMBER: B+ SPH2-MF120A-ASY

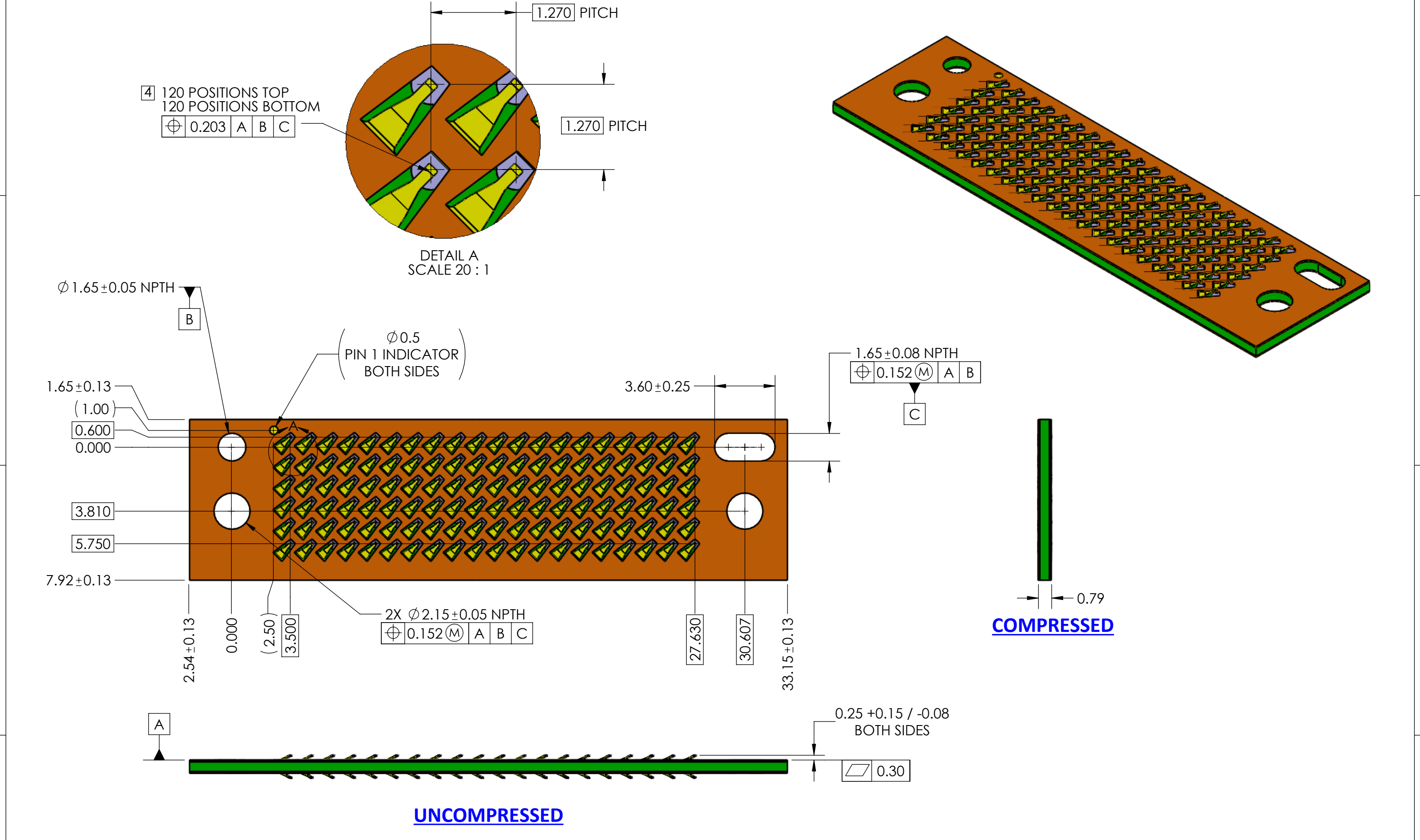
SCALE: 3:1

SHEET 1 OF 4

REV B

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REVISION				
REV	ECN	DESCRIPTION	DATE	APPROVED
A	1263	PRODUCTION RELEASE	12-10-2019	WES TAO
B	1285	INCREASE MOUNTING HOLES	03-01-2021	WES TAO



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

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

DIMENSIONS ARE IN MM

.X $\pm$ 0.13
.XX $\pm$ 0.08
.XXX $\pm$ 0.025

ANGLE: NO DEC $\pm$ 2 DEGREE

X $\pm$
XX $\pm$

THIRD ANGLE

MATERIAL: SEE NOTES

FINISH:

DRAWN BY: W.B.LONG 09-30-2019

CHECKED BY:

ENGR APPR:

MFG APPR:

QA APPR:

TITLE: SPH2 INTERPOSER
120 POS LGA-LGA

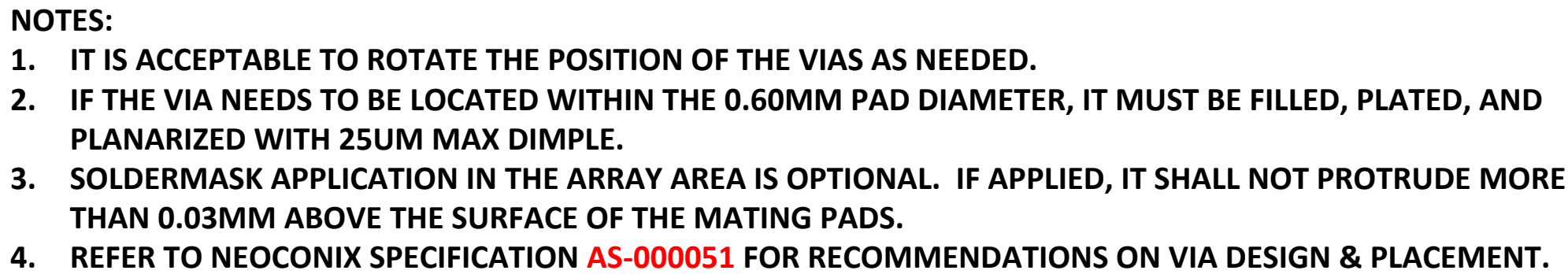
SIZE: B+

DWG NUMBER: SPH2-MF120A

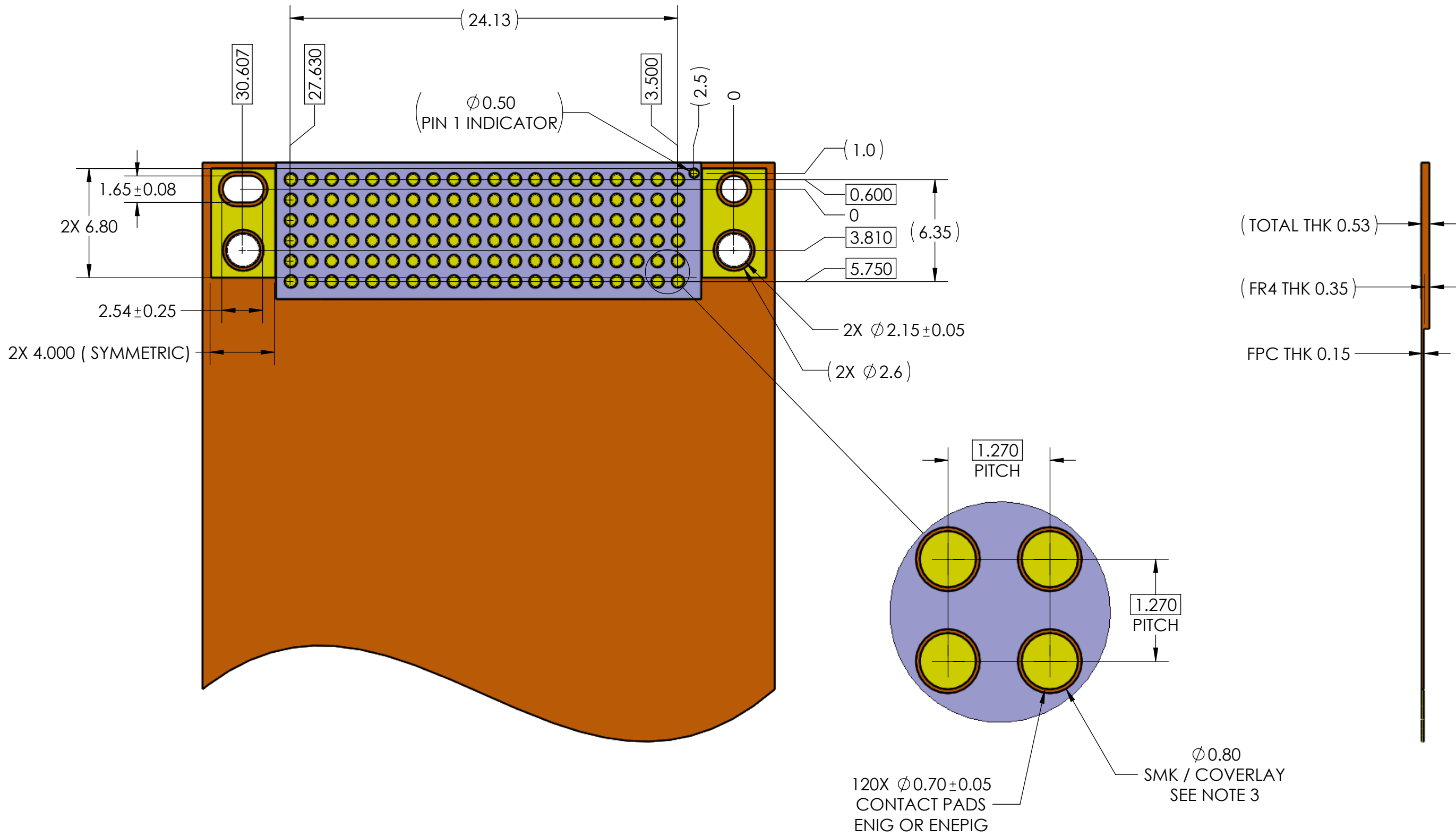
REV: B

SCALE: 5:1

SHEET 2 OF 4



REVISION				
REV	ECN	DESCRIPTION	DATE	APPROVED
A	1263	PRODUCTION RELEASE	12-10-2019	WES TAO
B	1285	INCREASE MOUNTING HOLES	03-01-2021	WES TAO
C	1342	SEE ECN 1342	06-13-2025	TAN



NOTES:

- IT IS ACCEPTABLE TO ROTATE THE POSITION OF THE VIAS AS NEEDED.
- IF THE VIA NEEDS TO BE LOCATED WITHIN THE 0.60MM PAD DIAMETER, IT MUST BE FILLED, PLATED, AND PLANARIZED WITH 25UM MAX DIMPLE.
- SOLDEMASK APPLICATION IN THE ARRAY AREA IS OPTIONAL. IF APPLIED, IT SHALL NOT PROTRUDE MORE THAN 0.03MM ABOVE THE SURFACE OF THE MATING PADS.
- REFER TO NEOCONIX SPECIFICATION **AS-000051** FOR RECOMMENDATIONS ON VIA DESIGN & PLACEMENT.

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

THIRD ANGLE

MATERIAL: SEE NOTES

FINISH:

DRAWN BY: W.B.LONG 09-30-2019

CHECKED BY:

ENGR APPR:

MFG APPR:

QA APPR:

TITLE: RECOMMENDED FPC LAYOUT
SPH1-MF120A

DWG NUMBER: SPH2-MF120A-ASY

REV: C

SCALE: 4:1

SHEET 4 OF 4