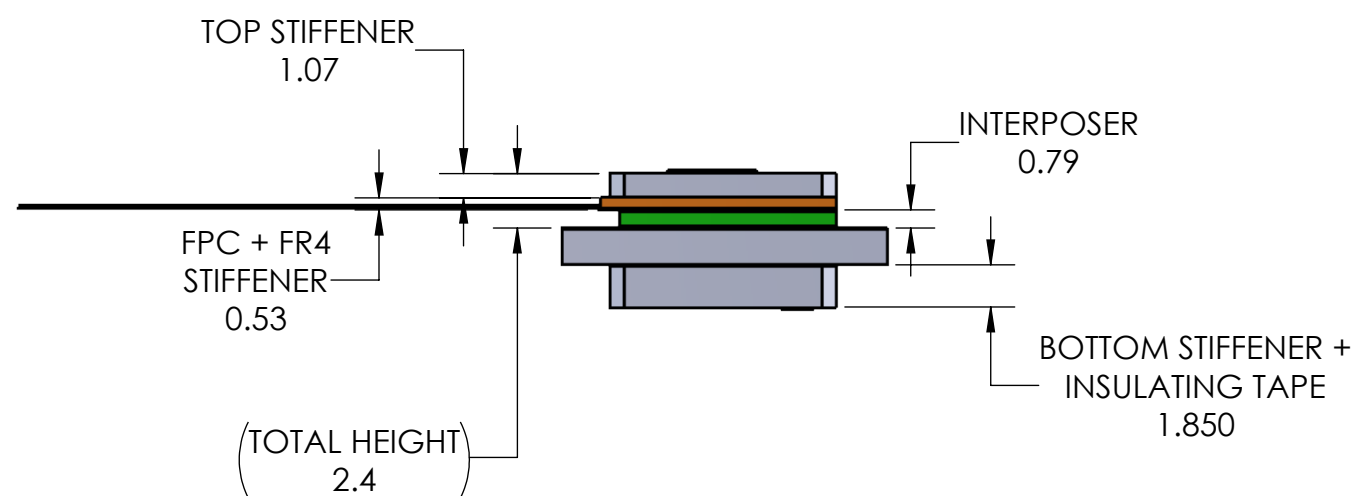
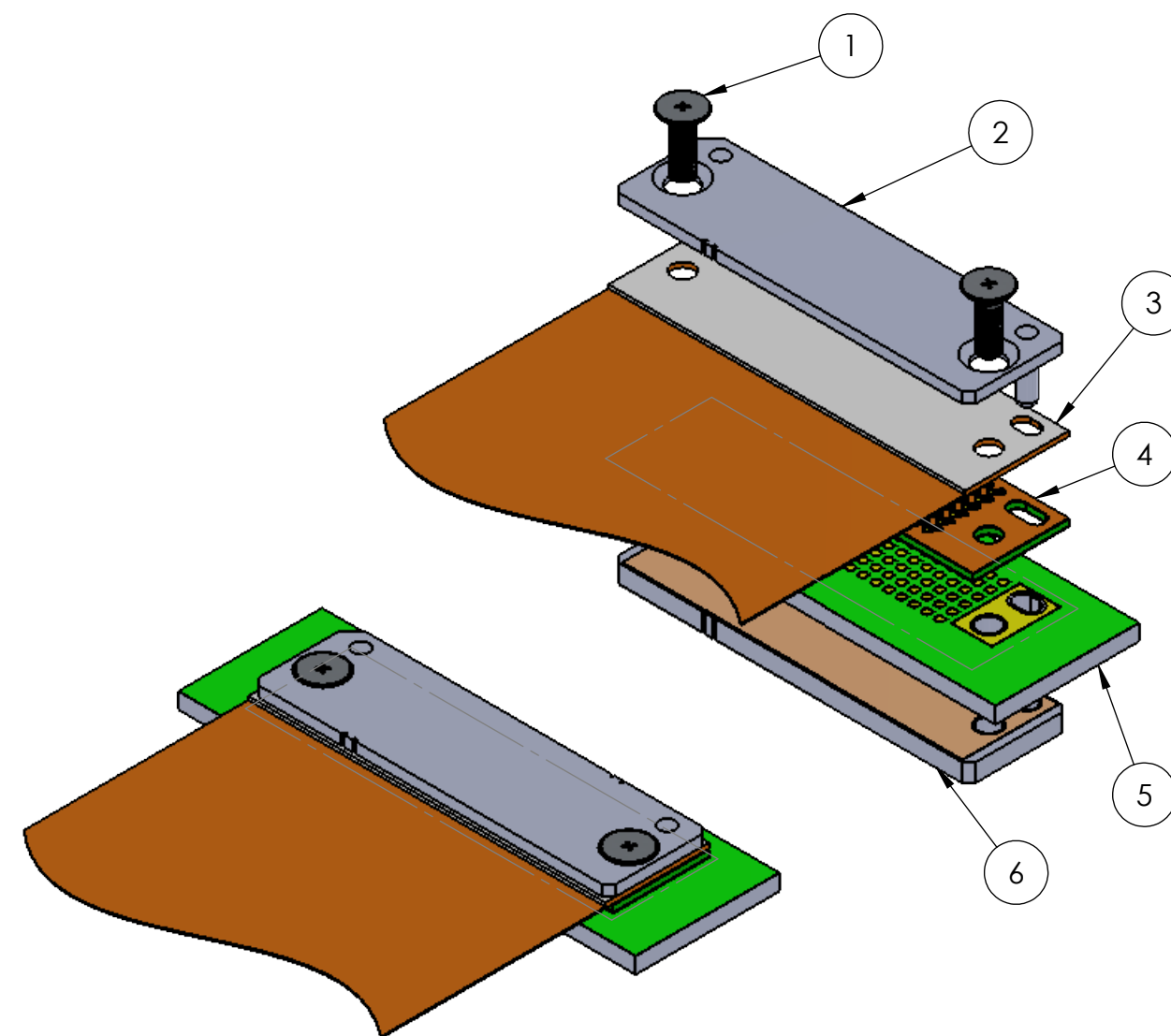
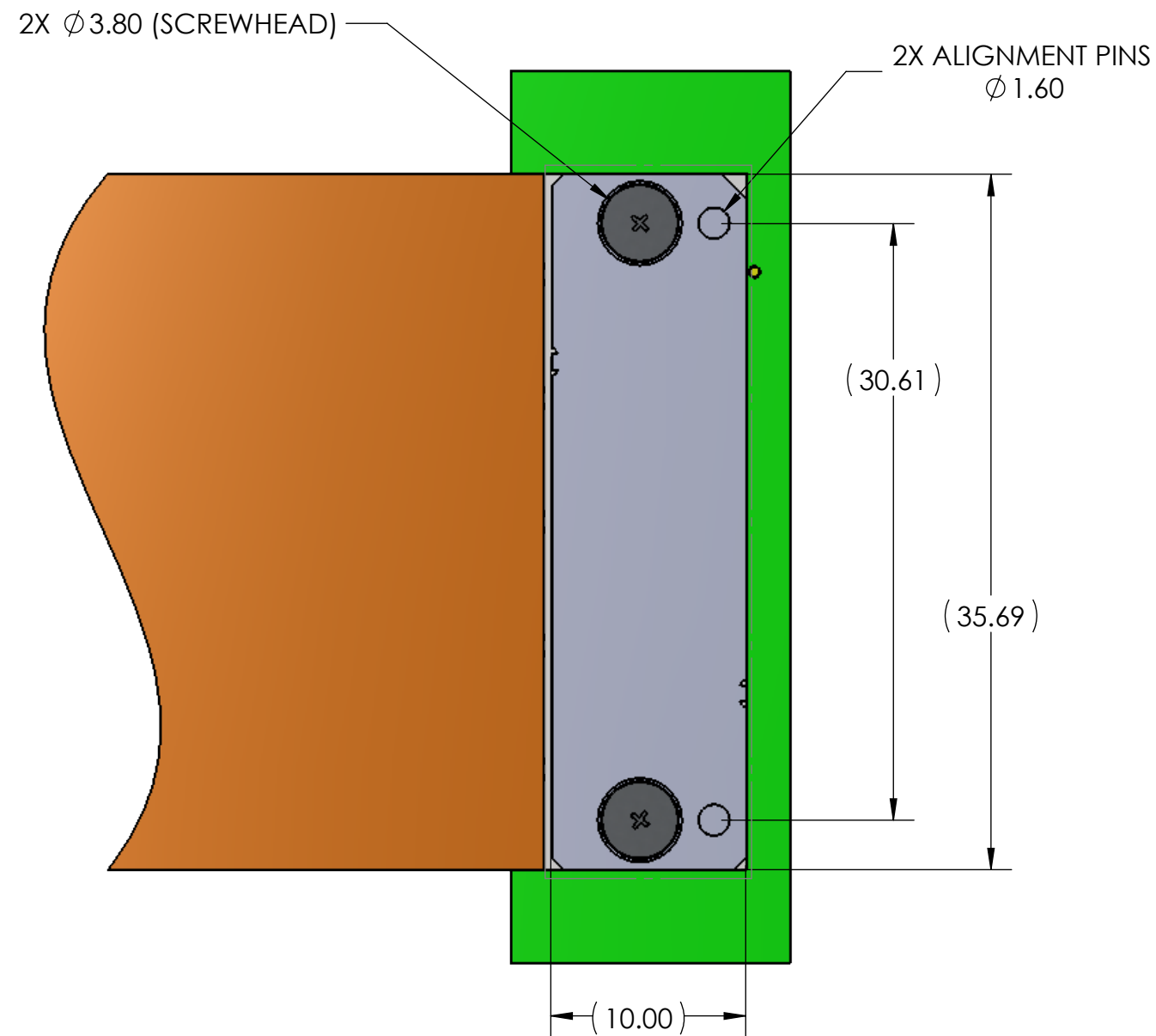


- PROPRIETARY INFORMATION -
NO USE OR REPRODUCTION MAY BE MADE OF
THIS DOCUMENT WITHOUT EXPRESS WRITTEN
PERMISSION OF NEOCONIX.

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



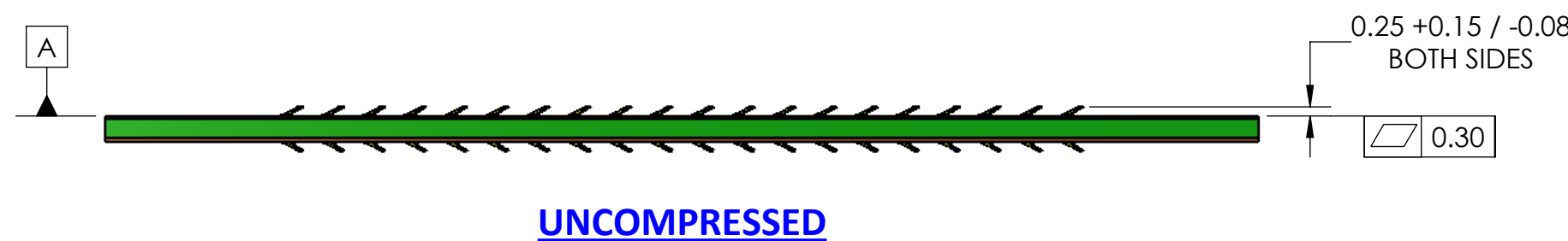
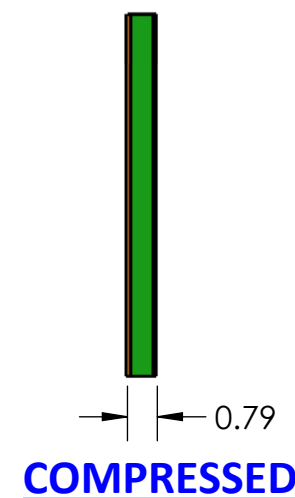
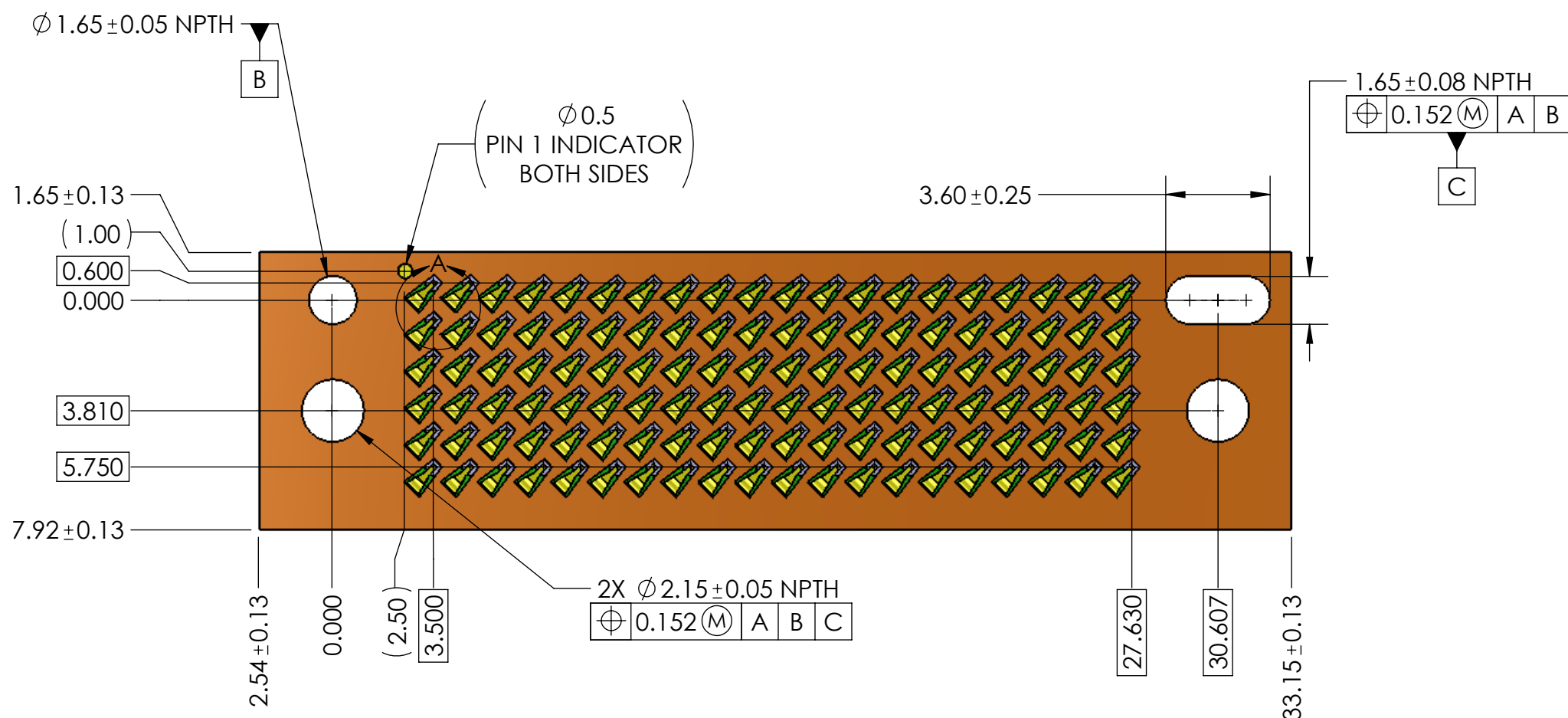
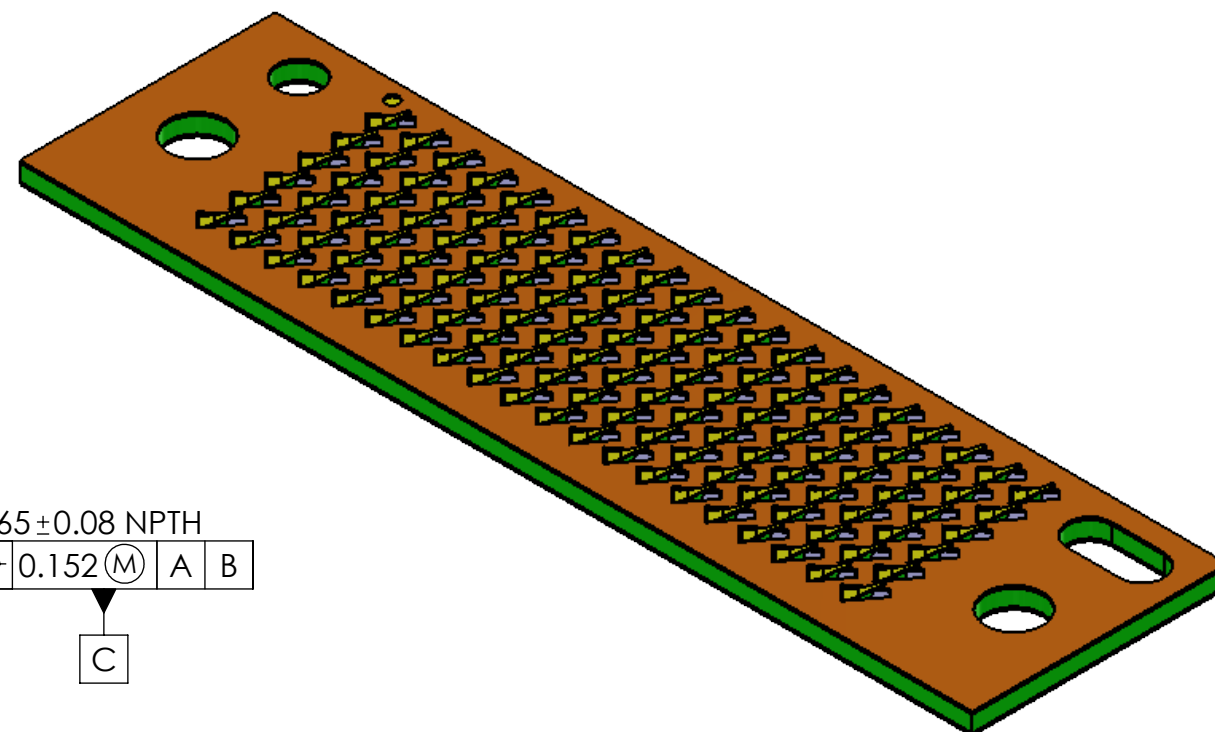
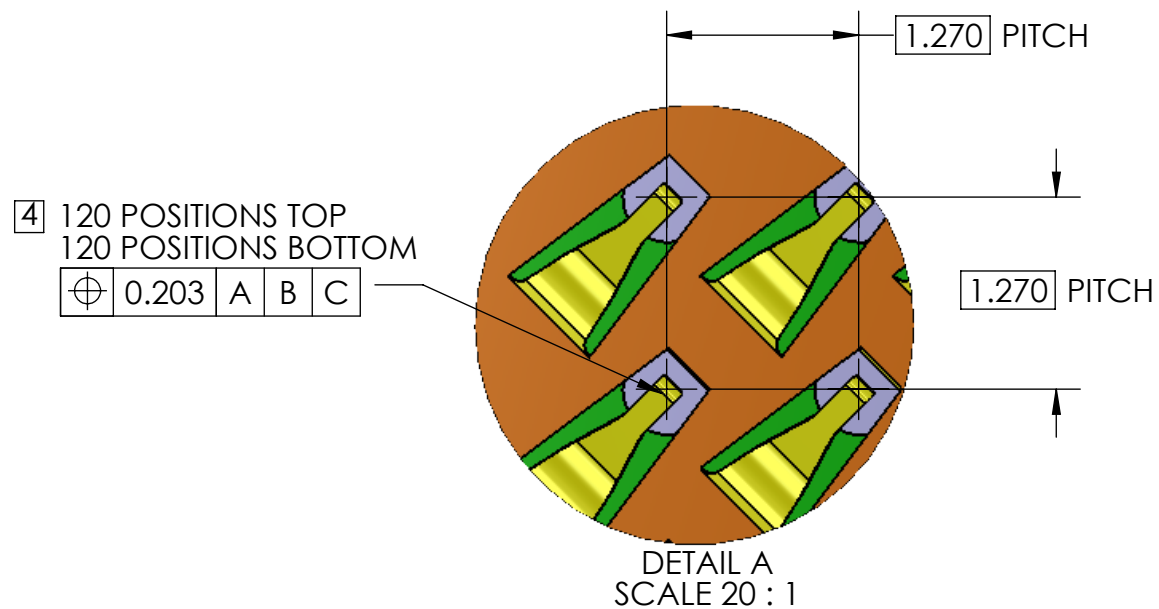
ITEM	DESCRIPTION	NEOCONIX P/N	QTY PER ASSY
1	M2 FLATHEAD SCREW	VARIOUS *	2
2	TOP STIFFENER	B01-000624-Lxxx *	1
3	FPC	CUSTOM UPON REQUEST	1
4	INTERPOSER	SPH2-MF120A	1
5	PCB	N/A - CUSTOMER SUPPLIED	1
6	BOTTOM STIFFENER	B01-000628	1

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

<p>4020 MOORPARK AVENUE #108 SAN JOSE, CA 95117 USA TEL: 408-530-9393 FAX: 408-530-9383</p>	<p>DIMENSIONS ARE IN MM [INCH]</p> <p>.X ± .XX ± .XXX ± ANGLE: NO DEC ± .X ± .XX ±</p> <p>THIRD ANGLE</p>	MATERIAL: SEE NOTES	TITLE: SPH2 ASSEMBLY 120 POSITIONS LGA-LGA
		FINISH: <input checked="" type="checkbox"/>	SIZE DWG NUMBER: B+ SPH2-MF120A-ASY
		DRAWN BY: W.B.LONG 09-30-2019	REV B
		CHECKED BY:	SCALE: 3:1 SHEET 1 OF 4
ENGR APPR:			
MFG APPR:			
QA APPR:			

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

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

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

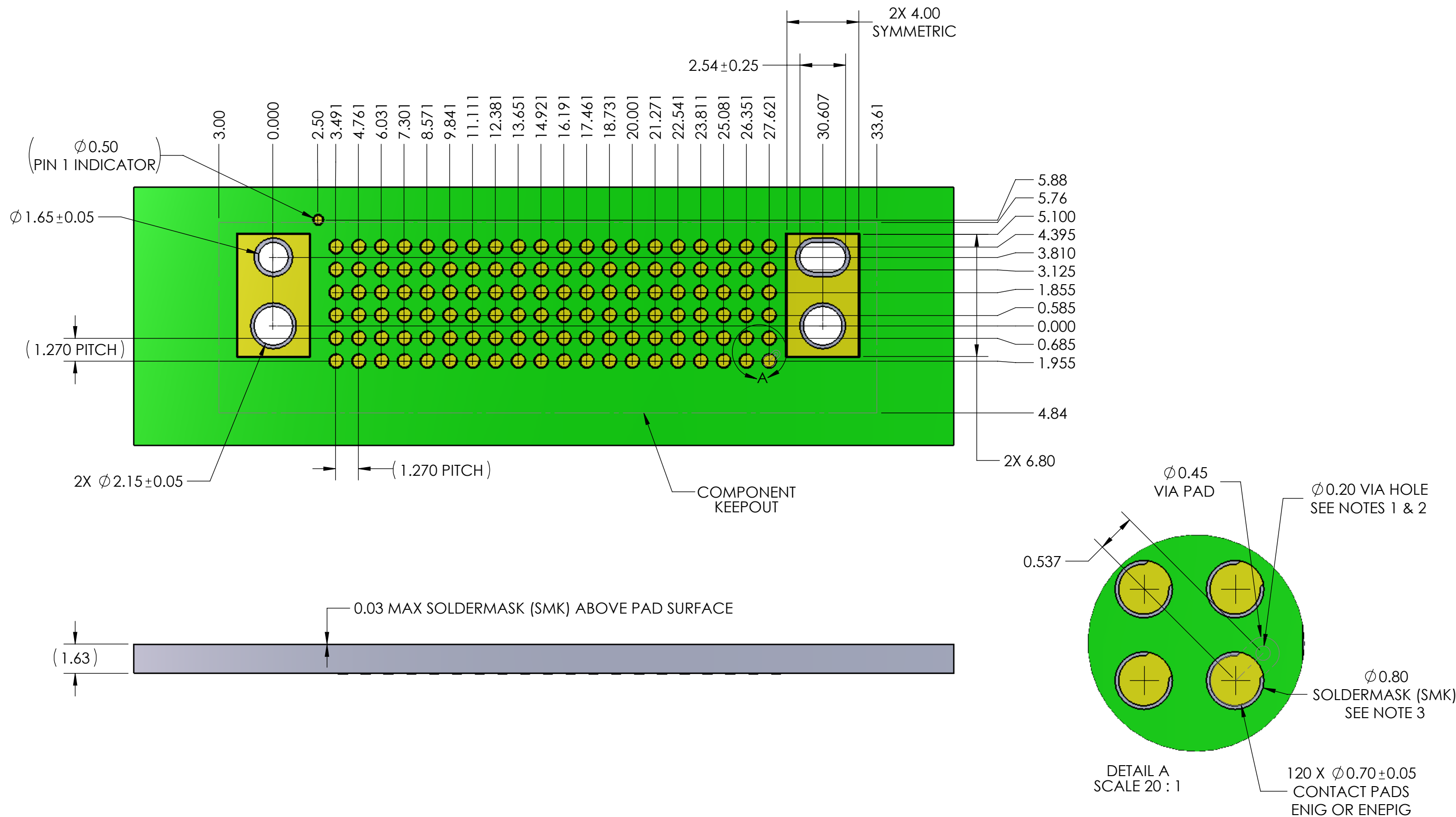
DIMENSIONS ARE IN MM
.X ± 0.13
.XX ± 0.08
.XXX ± 0.025
ANGLE: NO DEC ± 2 DEGREE
X ±
.XX ±
THIRD ANGLE

MATERIAL: SEE NOTES
FINISH:
DRAWN BY: W.B.LONG 09-30-2019
CHECKED BY:
ENGR APPR:
MFG APPR:
QA APPR:

TITLE: SPH2 INTERPOSER 120 POS LGA-LGA
DWG NUMBER: SPH2-MF120A
SCALE: 5:1
SHEET 2 OF 4

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

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



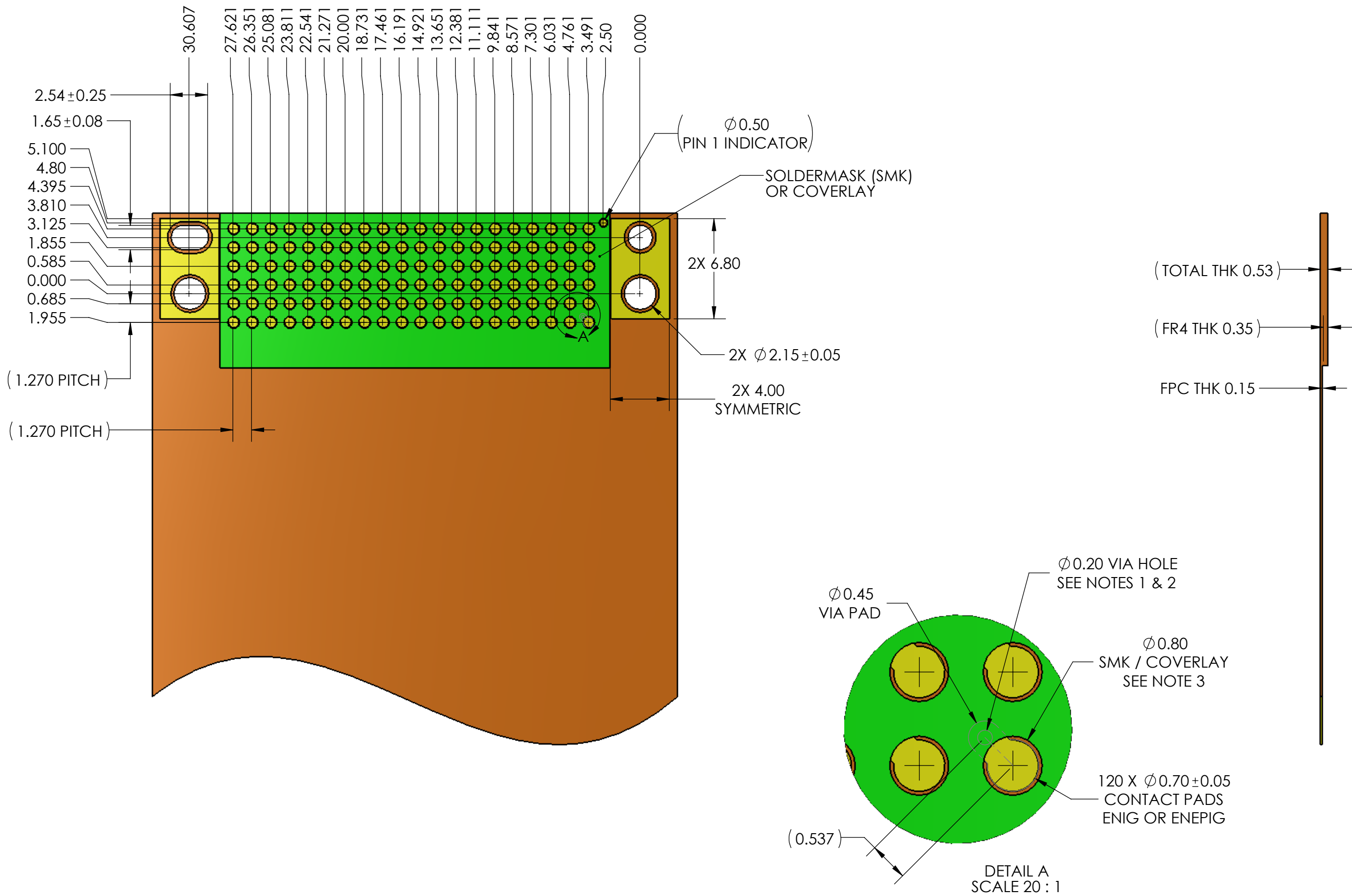
NOTES:

- 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.
- 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.

		DIMENSIONS ARE IN MM .X ± 0.13 .XX ± 0.08 .XXX ± 0.025		MATERIAL: SEE NOTES FINISH:		TITLE: RECOMMENDED PCB LAYOUT SPH2-MF120A	
4020 MOORPARK AVENUE #108 SAN JOSE, CA 95117 USA TEL: 408-530-9393 FAX: 408-530-9383		ANGLE: NO DEC ± 1 .X ± 0.5 .XX ± 0.25		DRAWN BY: W.B.LONG 09-30-2019 CHECKED BY: ENGR APPR: MFG APPR: QA APPR:		SIZE: B+ DWG NUMBER: SPH2-MF120-PCB REV: B	
				SCALE: 5:1		SHEET 3 OF 4	

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

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:
- 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.
 - 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>	<p>DIMENSIONS ARE IN MM</p> <p>.X ± 0.13 .XX ± 0.08 .XXX ± 0.025</p> <p>ANGLE: NO DEC ± 1 .X ± 0.5 .XX ± 0.25</p> <p>THIRD ANGLE</p>	<p>MATERIAL: SEE NOTES</p> <p>FINISH:</p> <p>DRAWN BY: W.B.LONG 09-30-2019</p> <p>CHECKED BY:</p> <p>ENGR APPR:</p> <p>MFG APPR:</p> <p>QA APPR:</p>	<p>TITLE: RECOMMENDED FPC LAYOUT SPH1-MF120A</p> <p>DWG NUMBER: SPH2-MF120A-ASY</p> <p>REV: B</p> <p>SCALE: 4:1 SHEET 4 OF 4</p>
	<p>SIZE: B+</p>	<p>REV: B</p>	<p>SCALE: 4:1 SHEET 4 OF 4</p>