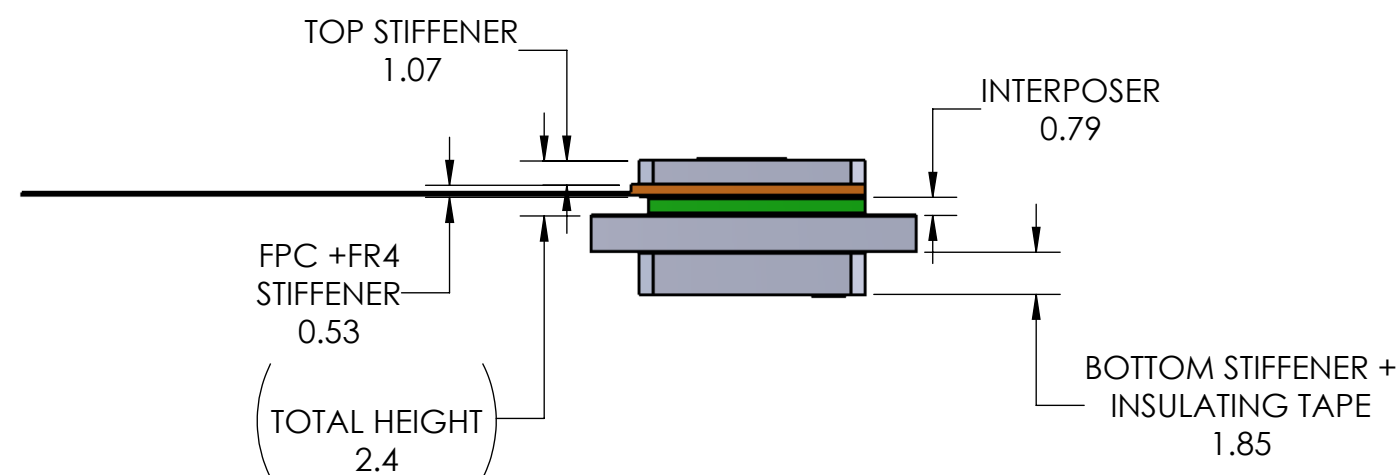
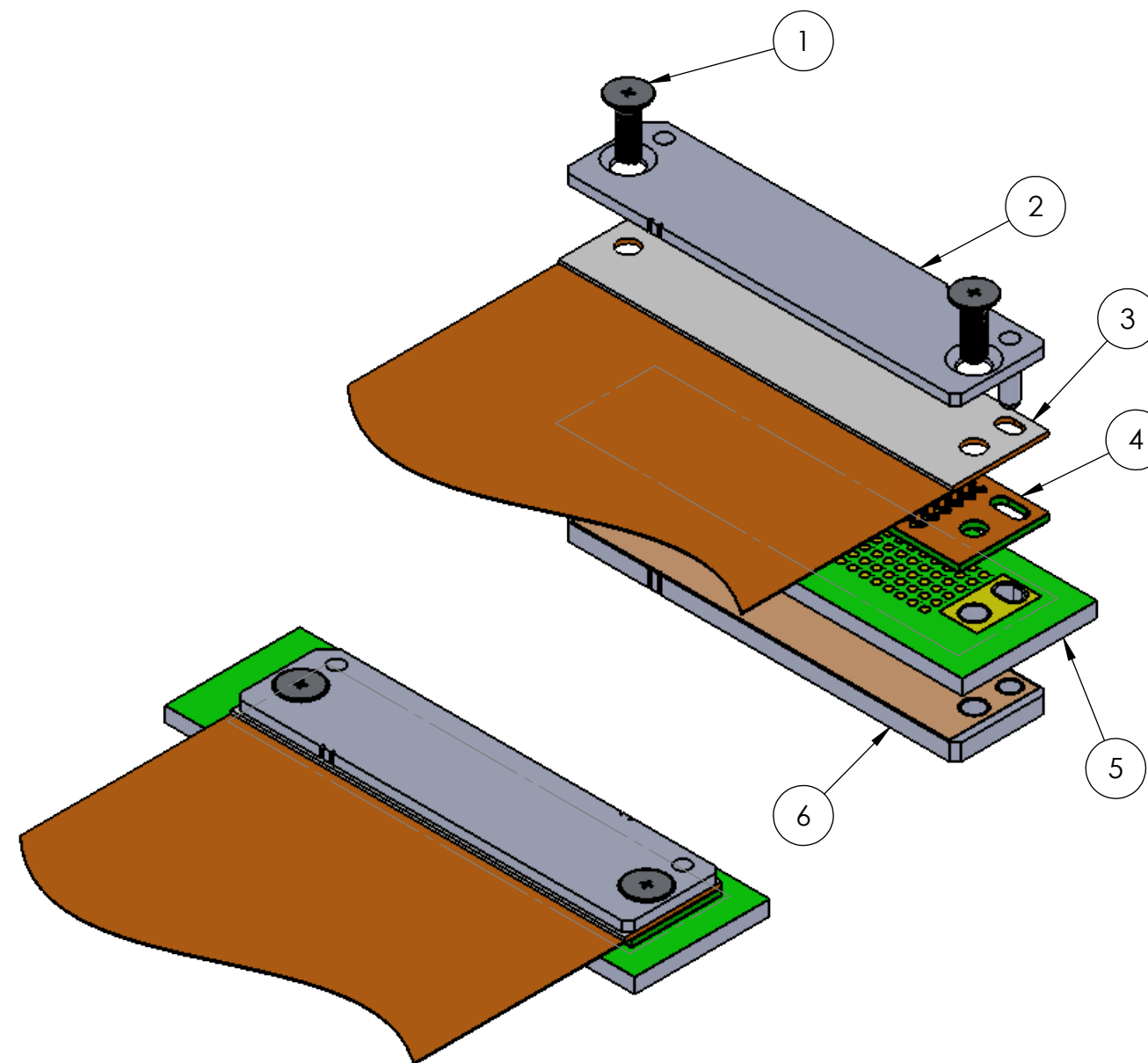
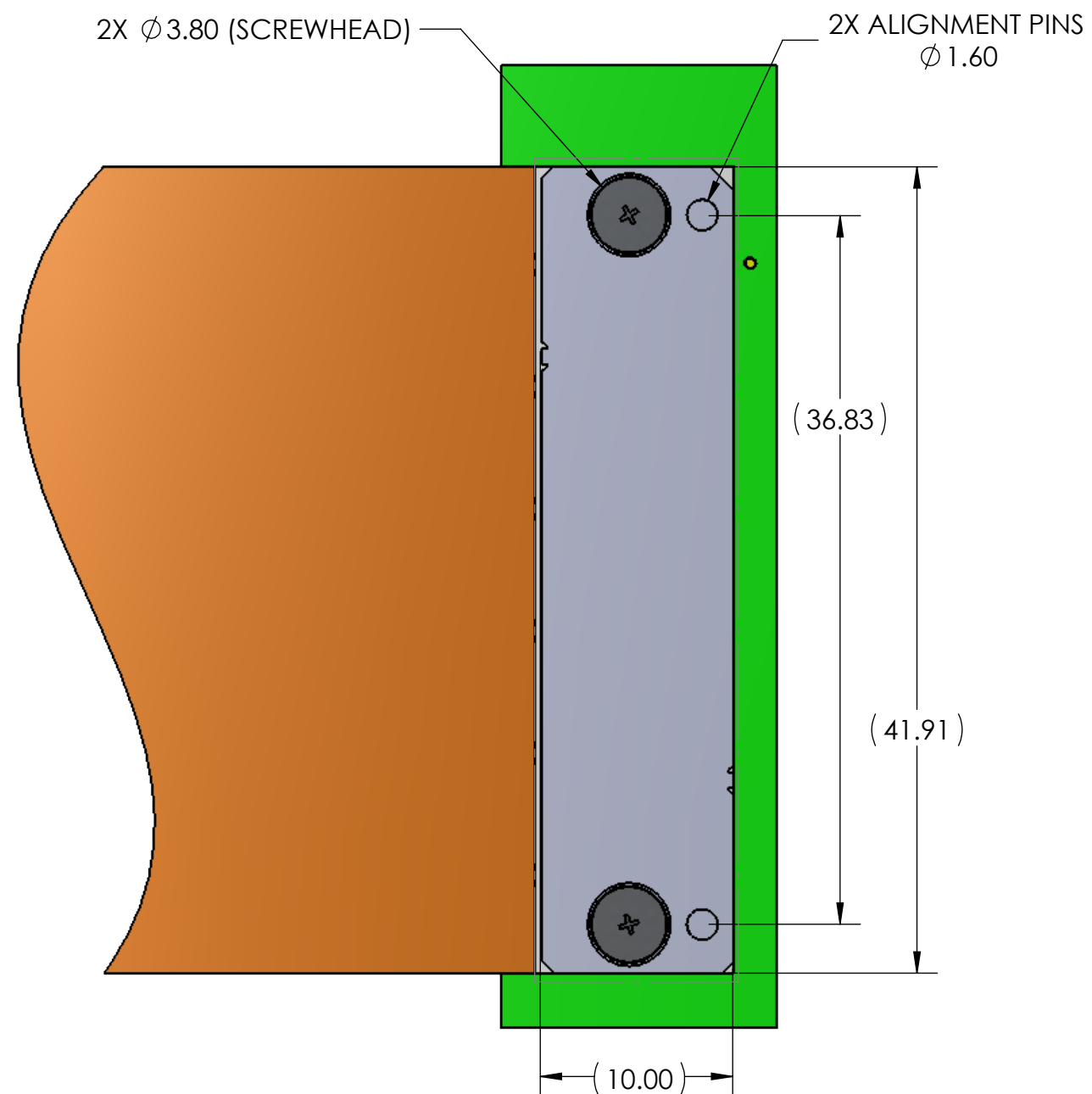


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REVISION				
REV	ECN	DESCRIPTION	DATE	APPROVED
A	1263	PRODUCTION RELEASE	12-10-2019	WES TAO
B	1285	INCREASE MOUNTING HOLES: STIFFENER TABS	03-01-2021	WES TAO



ITEM	DESCRIPTION	NEOCONIX P/N	QTY PER ASSY
1	M2 FLATHEAD SCREW	VARIOUS *	2
2	TOP STIFFENER	B01-000623-Lxxx *	1
3	FPC	CUSTOM UPON REQUEST	1
4	INTERPOSER	SPH2-LF150A	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.

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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 ±

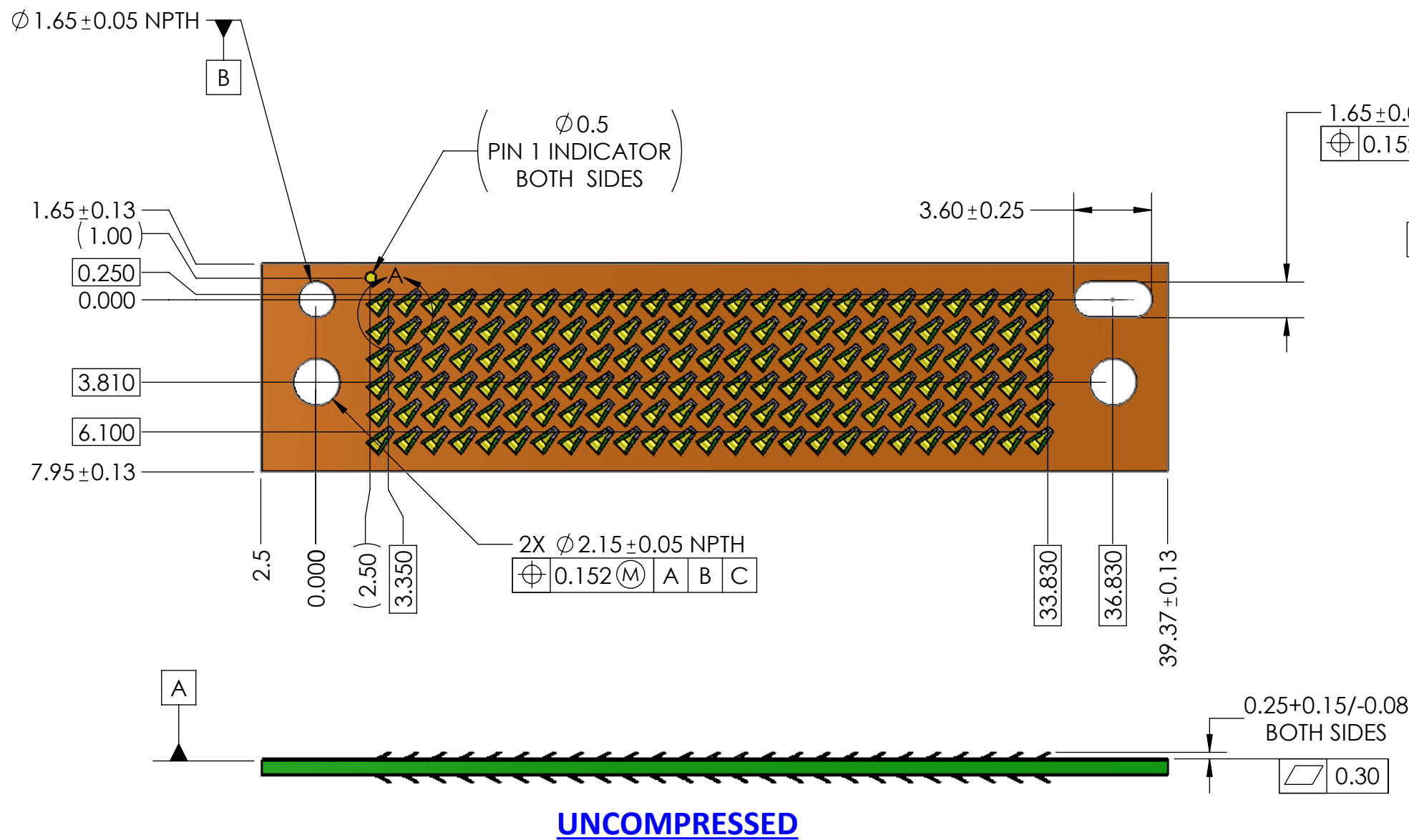
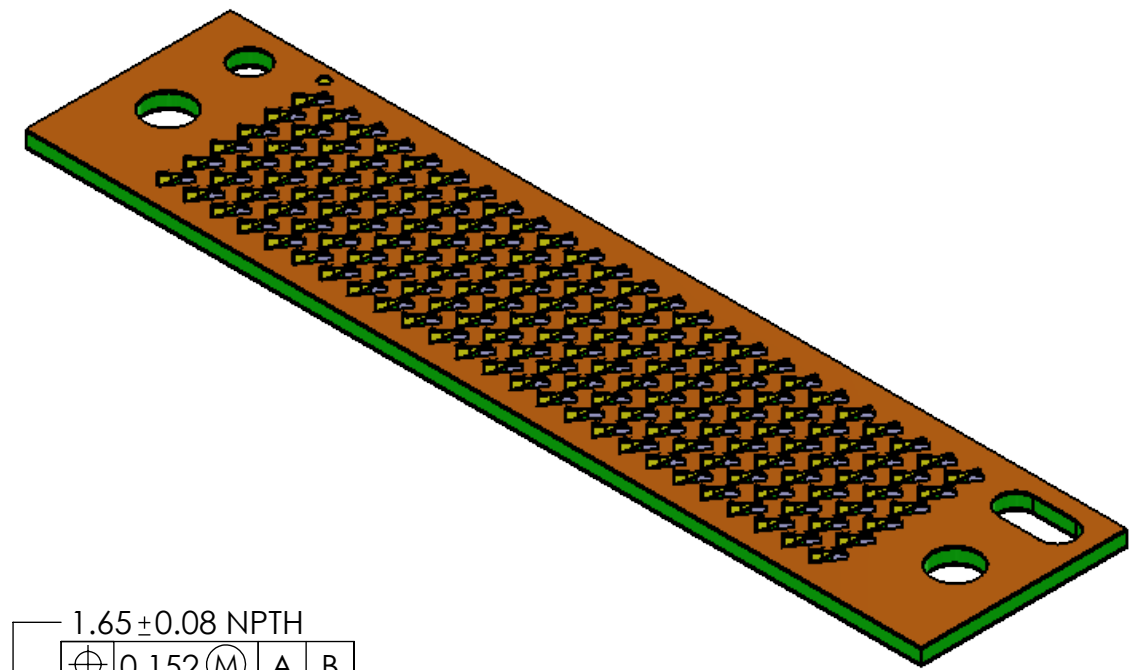
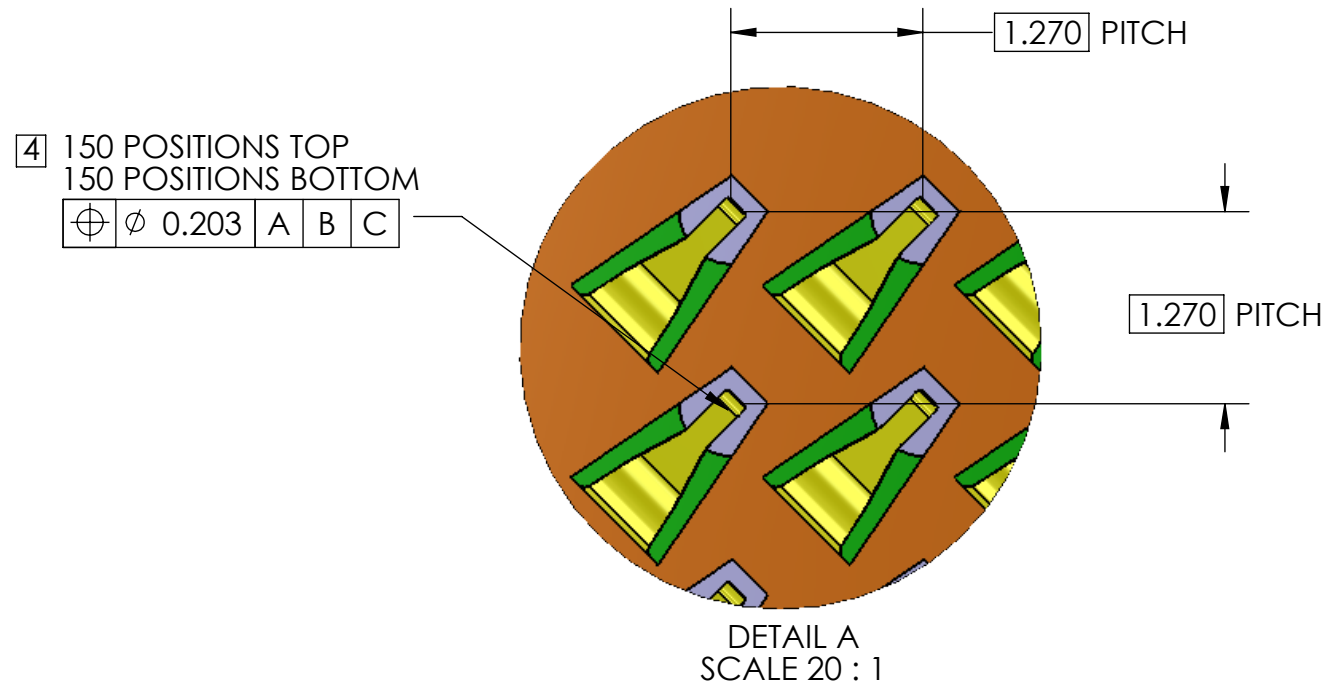
MATERIAL: SEE NOTES
FINISH:
DRAWN BY: W.B.LONG 09-30-2019
CHECKED BY:
ENGR APPR:
MFG APPR:
QA APPR:

TITLE:
SPH2 ASSEMBLY
150 POSITIONS LGA-LGA
SIZE DWG NUMBER:
B+ SPH2-LF150A-ASY
SCALE: 3:1 SHEET 1 OF 4



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B	1285	INCREASE MOUNTING HOLE	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

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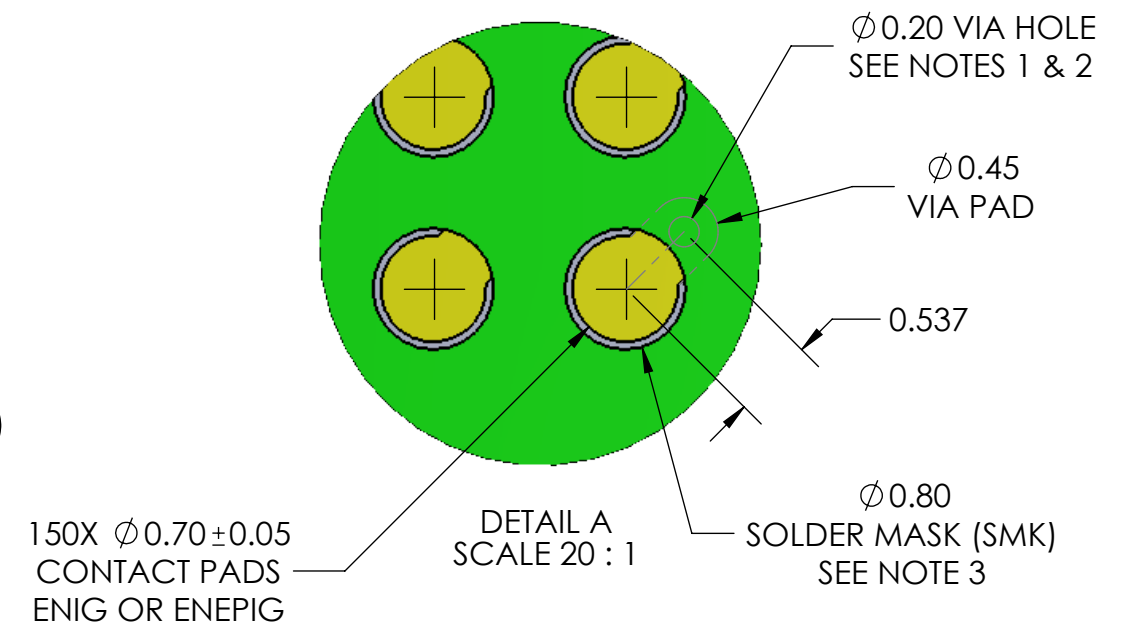
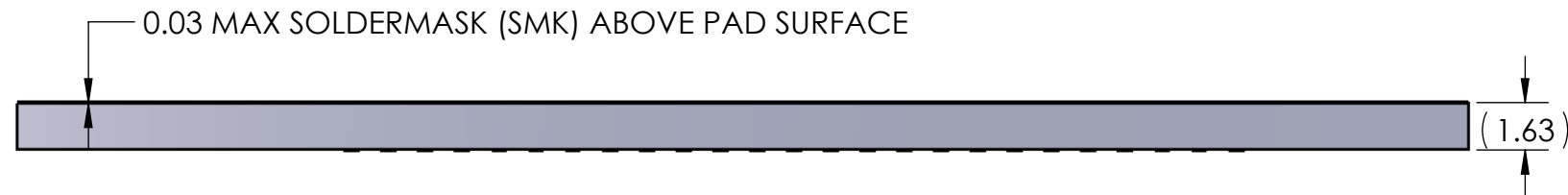
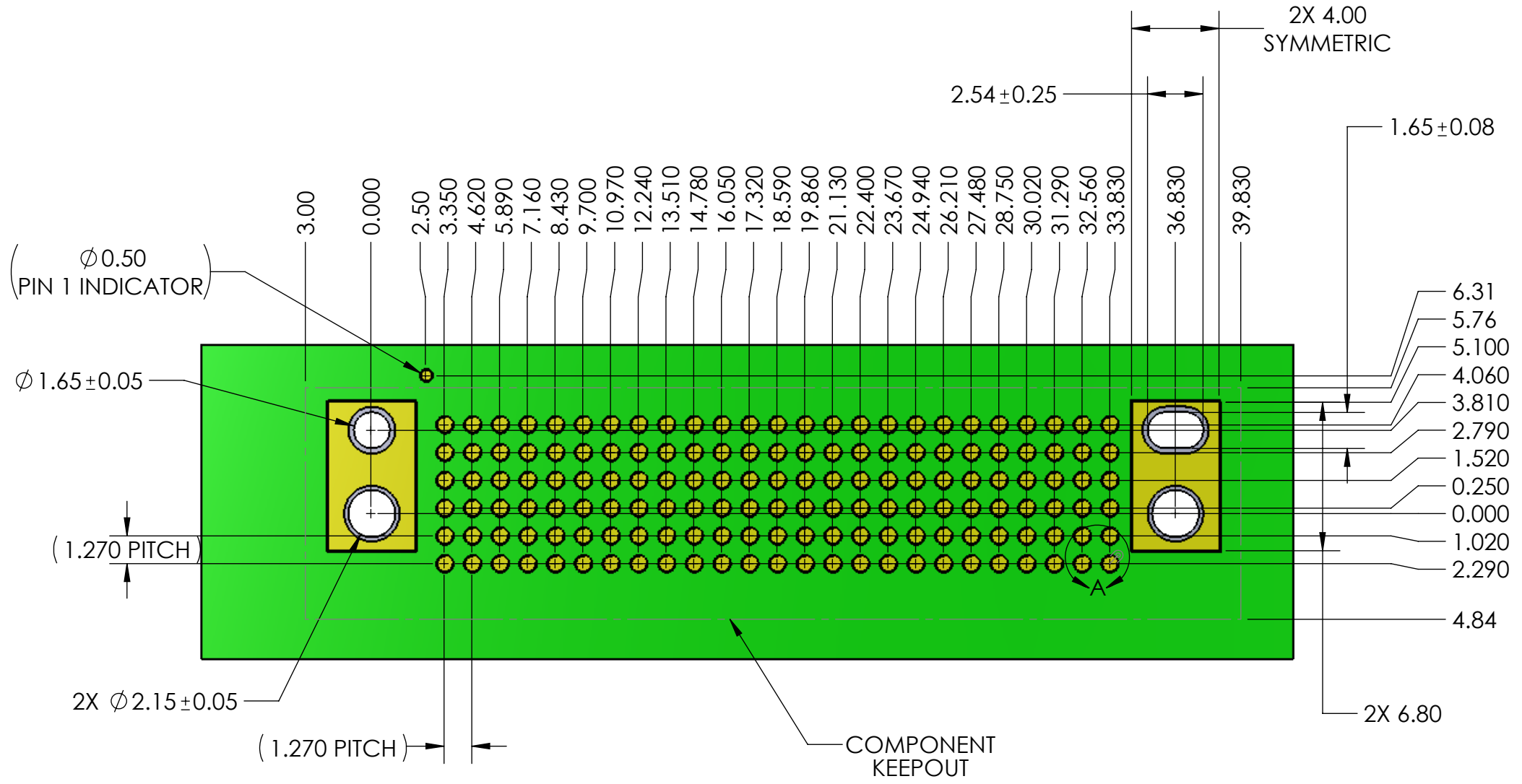
DIMENSIONS ARE IN
MM [INCH]
.X ± 0.13
.XX ± 0.08
.XXX ± 0.025
ANGLE: NO DEC ± 2 DEGREE
X ±
.XX ±
THIRD ANGLE

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

TITLE:
**SPH2 INTERPOSER
150 POS LGA-LGA**
SIZE: B+
DWG NUMBER:
SPH2-LF150A
SCALE: 4:1
SHEET 2 OF 4

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B	1285	INCREASE MOUNTING HOLES	03-01-2021	WES TAO

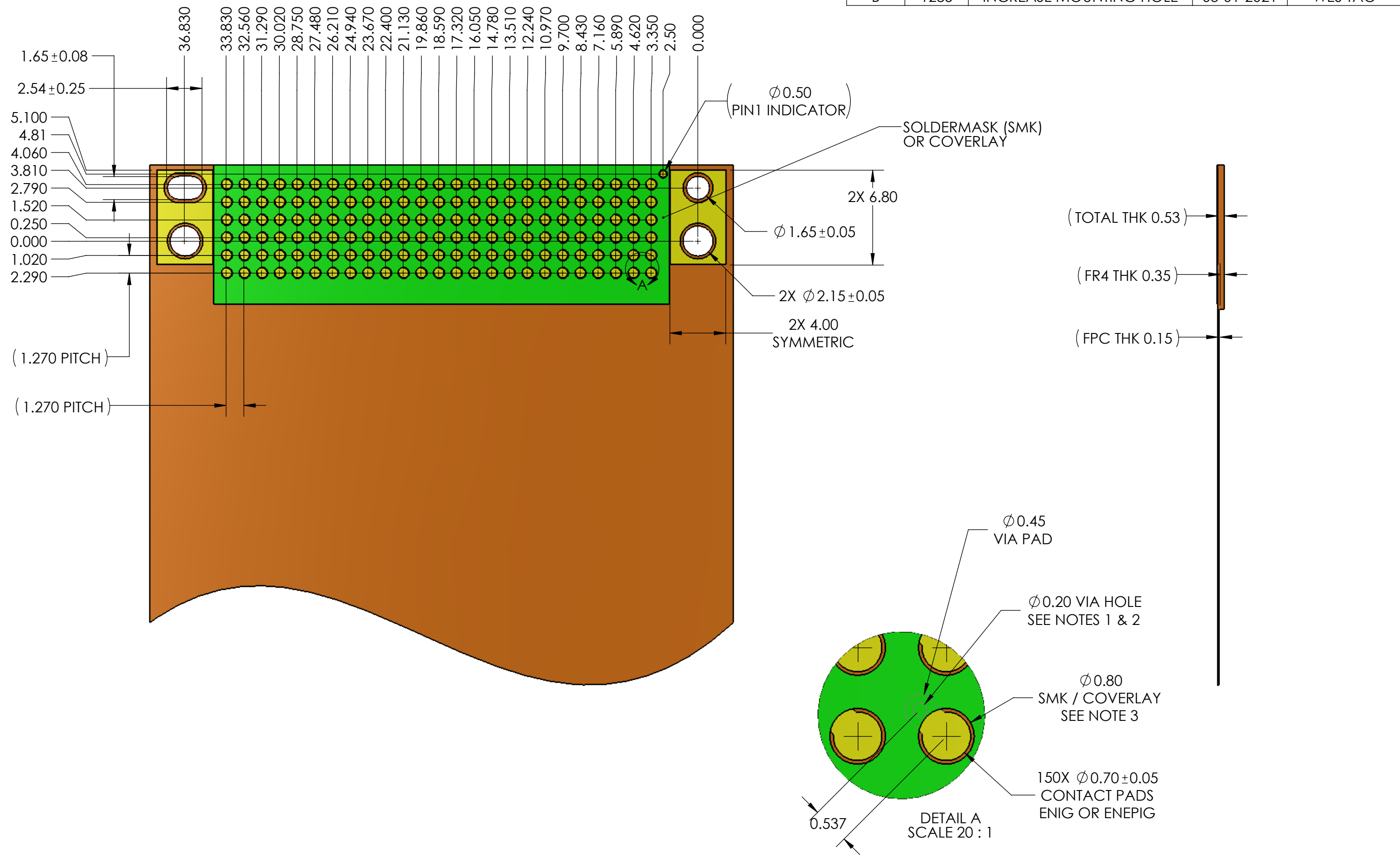


- NOTES:
- IT IS ACCEPTABLE TO ROTATE THE POSITION OF THE VIAS AS NEEDED.
 - IF THE VIA NEEDS TO BE LOCATED WITHIN THE 0.70MM PAD DIAMETER, IT MUST BE FILLED, PLATED, AND PLANARIZED WITH 25UM MAX DIMPLE.
 - SOLDERMASK APPLICATION IN THE ARRAY AREA IS OPTIONAL. IF APPLIED, IT SHALL NOT PROTRUDE MORE THAN 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>	DIMENSIONS ARE IN MM		MATERIAL: SEE NOTES		TITLE: RECOMMENDED PCB LAYOUT SPH2-LF150A	
	.X ± 0.13	.XX ± 0.08	.XXX ± 0.025	FINISH:	DRAWN BY: W.B.LONG	09-30-2019
	ANGLE: NO DEC	.X ± 0.5	.XX ± 0.25	CHECKED BY:	ENGR APPR:	MFG APPR:
	THIRD ANGLE	QA APPR:	SCALE: 4:1	SHEET 3 OF 4	REV B	DWG NUMBER: SPH2-LF150A-PCB

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REVISION				
REV	ECN	DESCRIPTION	DATE	APPROVED
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B	1285	INCREASE MOUNTING HOLE	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 0.70MM 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>	DIMENSIONS ARE IN MM		MATERIAL: SEE NOTES		TITLE: RECOMMENDED FPC LAYOUT SPH2-LF150A	
	.X ± 0.13	.XX ± 0.08	.XXX ± 0.025	FINISH:	DRAWN BY: W.B.LONG 03-20-2015	
	ANGLE: NO DEC ± 1	.X ± 0.5	.XX ± 0.25	CHECKED BY:	SIZE: B+	DWG NUMBER: SPH2-LF150A-FPC
	THIRD ANGLE			ENGR APPR:	MFG APPR:	QA APPR:

SCALE: 4:1 SHEET 4 OF 4