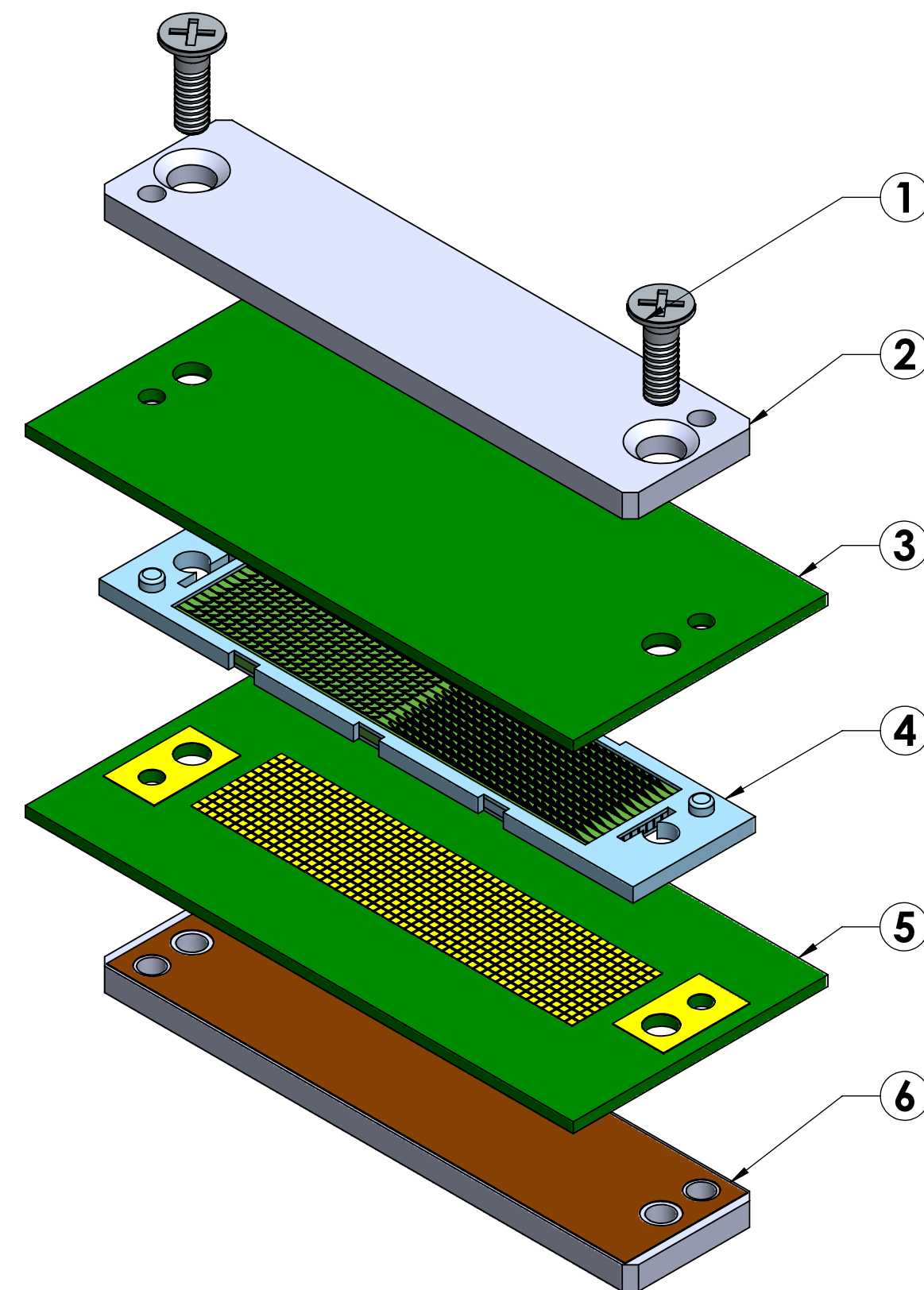
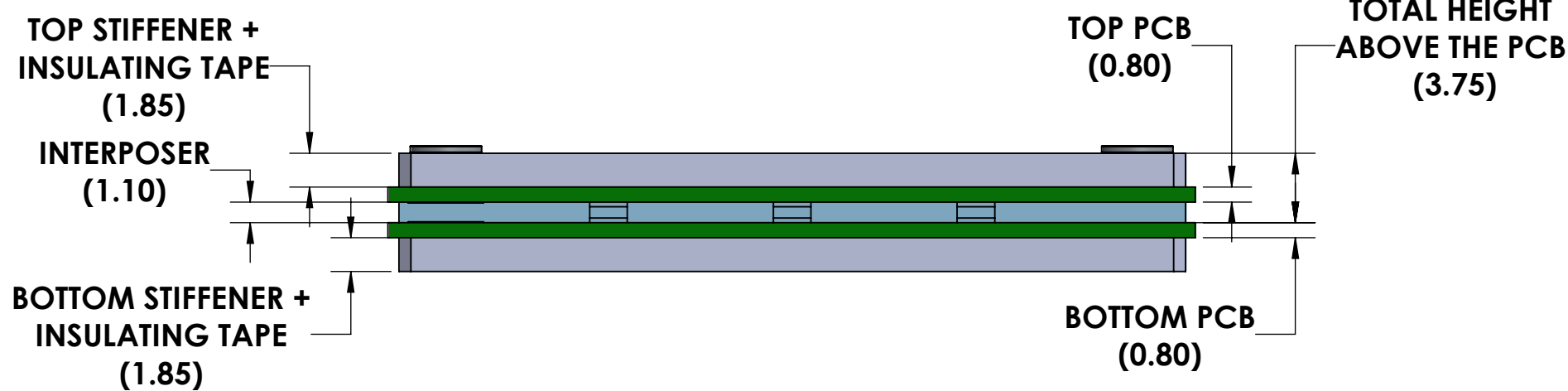
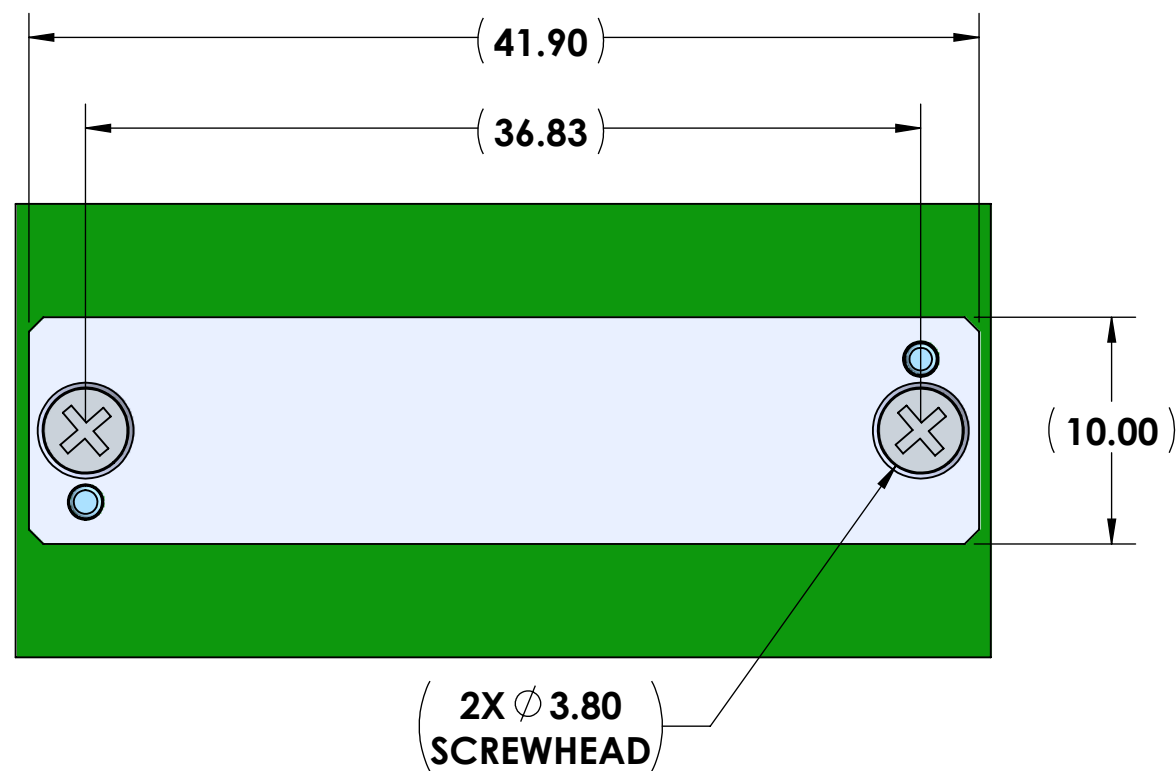


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REVISION				
REV	ECN	DESCRIPTION	DATE	DESIGN BY
1	0000	INITIAL RELEASE	10/23/2023	HM
2	0000	REVISE DIMS AND NOTES	11/18/2023	FRED/TAN
3	0000	UPDATE THE MODEL	04/02/2024	HM

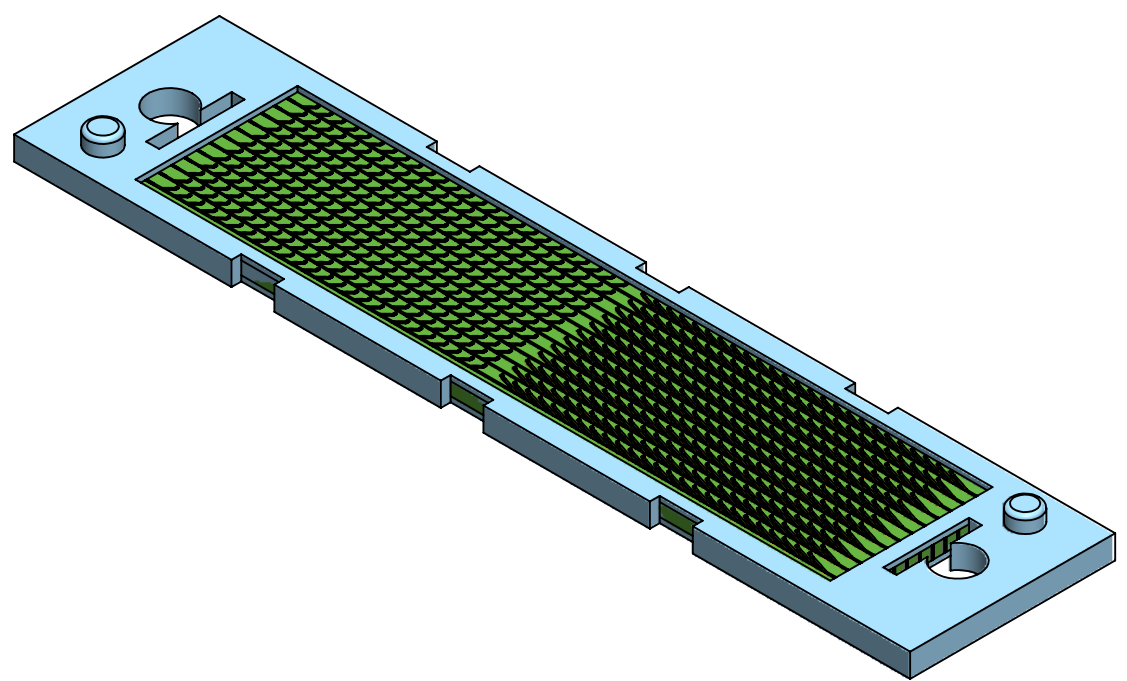
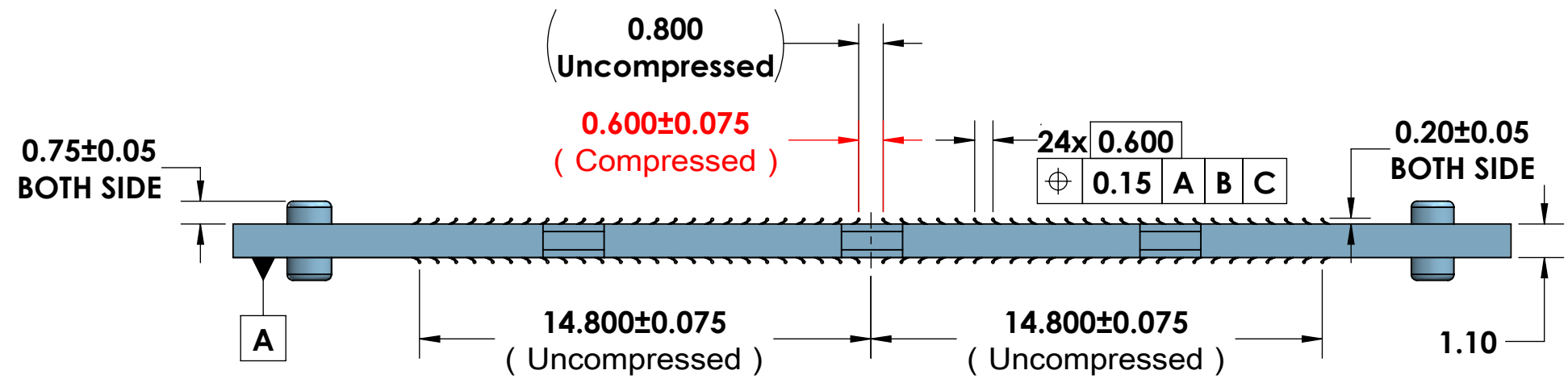
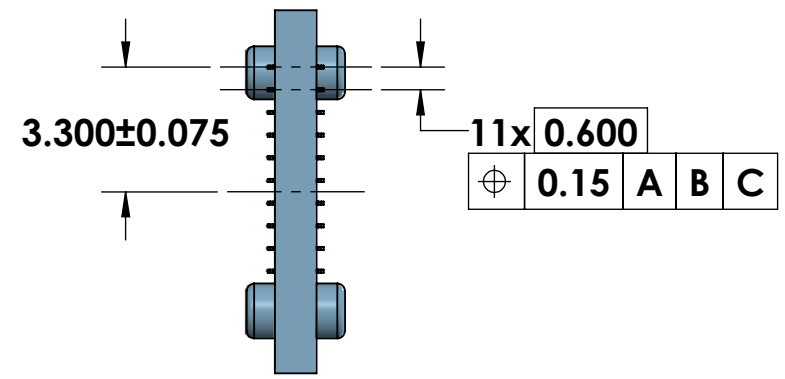
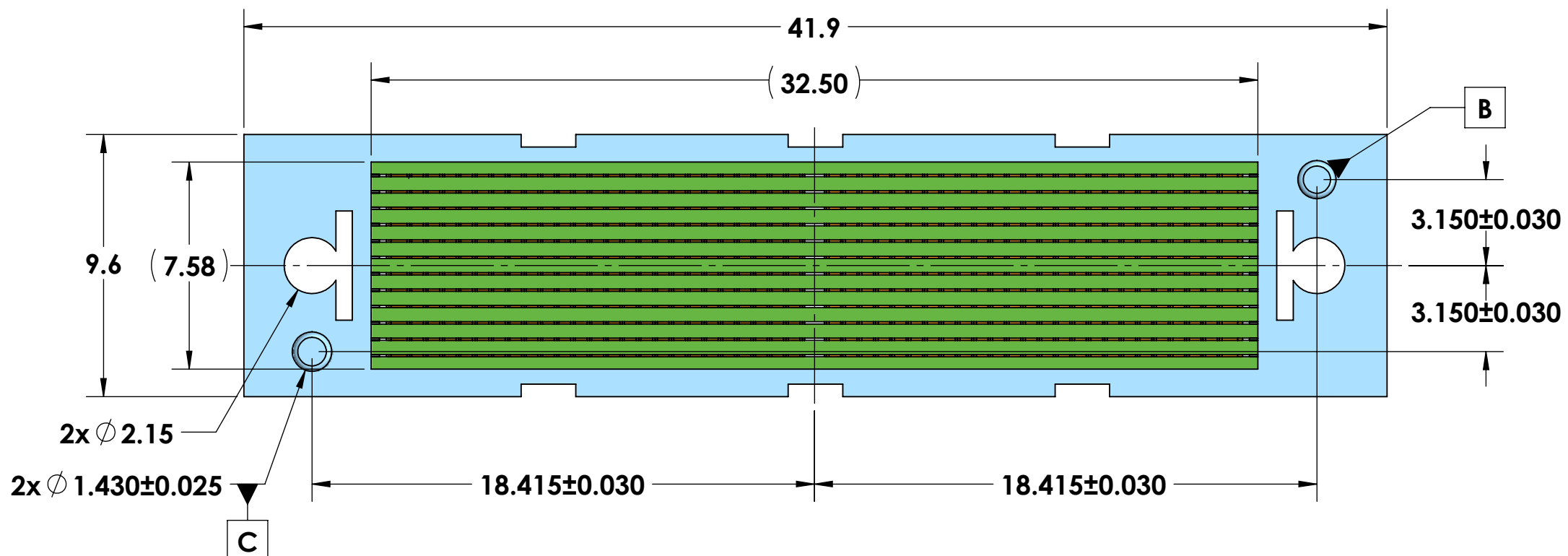


ITEM	DESCRIPTION	NEOCONIX P/N	QTY PER ASSY
1	M2 Flathead Screw	Various *	2
2	Top Stiffener	B01-000842	1
3	Top PCB	N/A – Customer Supplied	1
4	Interposer	SPH3-LB600A	1
5	Bottom PCB	N/A – Customer Supplied	1
6	Bottom Stiffener	B01-000843	1

*See **AS-000078** 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>	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: HM 04/02/2024 CHECKED BY: JianYu 04/02/2024 ENGR APPR: MFG APPR: QA APPR:	TITLE: SPH3 Assembly 600 POS LGA-LGA DWG NUMBER: SPH3-LB600A-ASY
	THIRD ANGLE	SIZE: B+	REV: 3
	SCALE: 5:1	SHEET 1 OF 4	REV: 3

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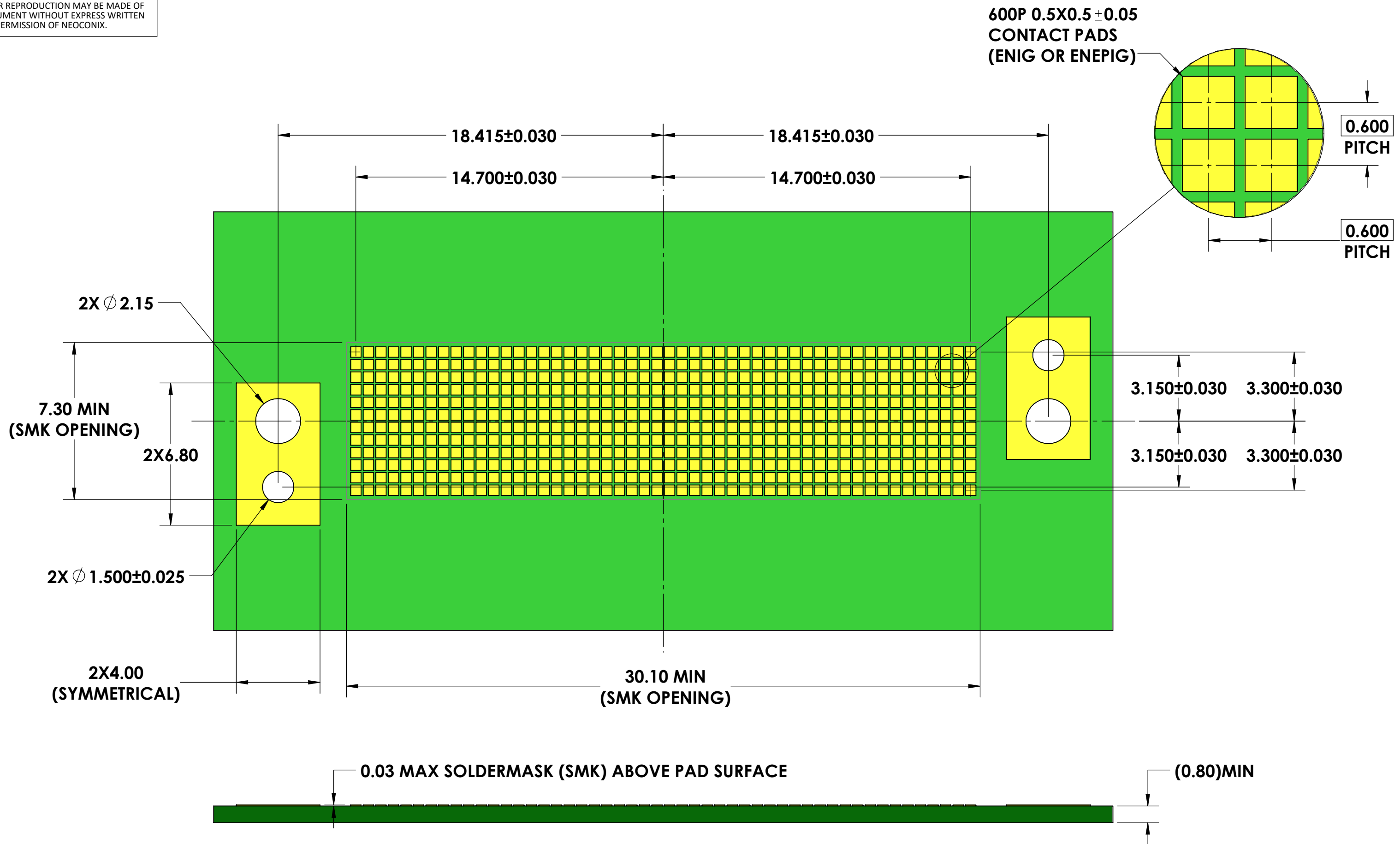


NOTES (UNLESS OTHERWISE SPECIFIED):

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.
5. FRAME MATERIAL: LCP.

<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 ± 0.13 .XX ± 0.08 .XXX ± 0.025</p> <p>ANGLE: NO DEC ± 2 DEGREE .X \pm .XX \pm</p>	<p>MATERIAL: SEE NOTES</p> <p>FINISH:</p>	<p>TITLE: SPH3 INTERPOSER 600 POS LGA-LGA</p>	
	<p>CHECKED BY: HM 04/02/2024</p>	<p>SIZE: B+</p>	<p>DWG NUMBER: SPH3-LB600A</p>	<p>REV: 3</p>
	<p>ENGR APPR:</p>	<p>MFG APPR:</p>	<p>SCALE: 5:1</p>	<p>SHEET 2 OF 4</p>
	<p>QA APPR:</p>	<p>THIRD ANGLE</p>		

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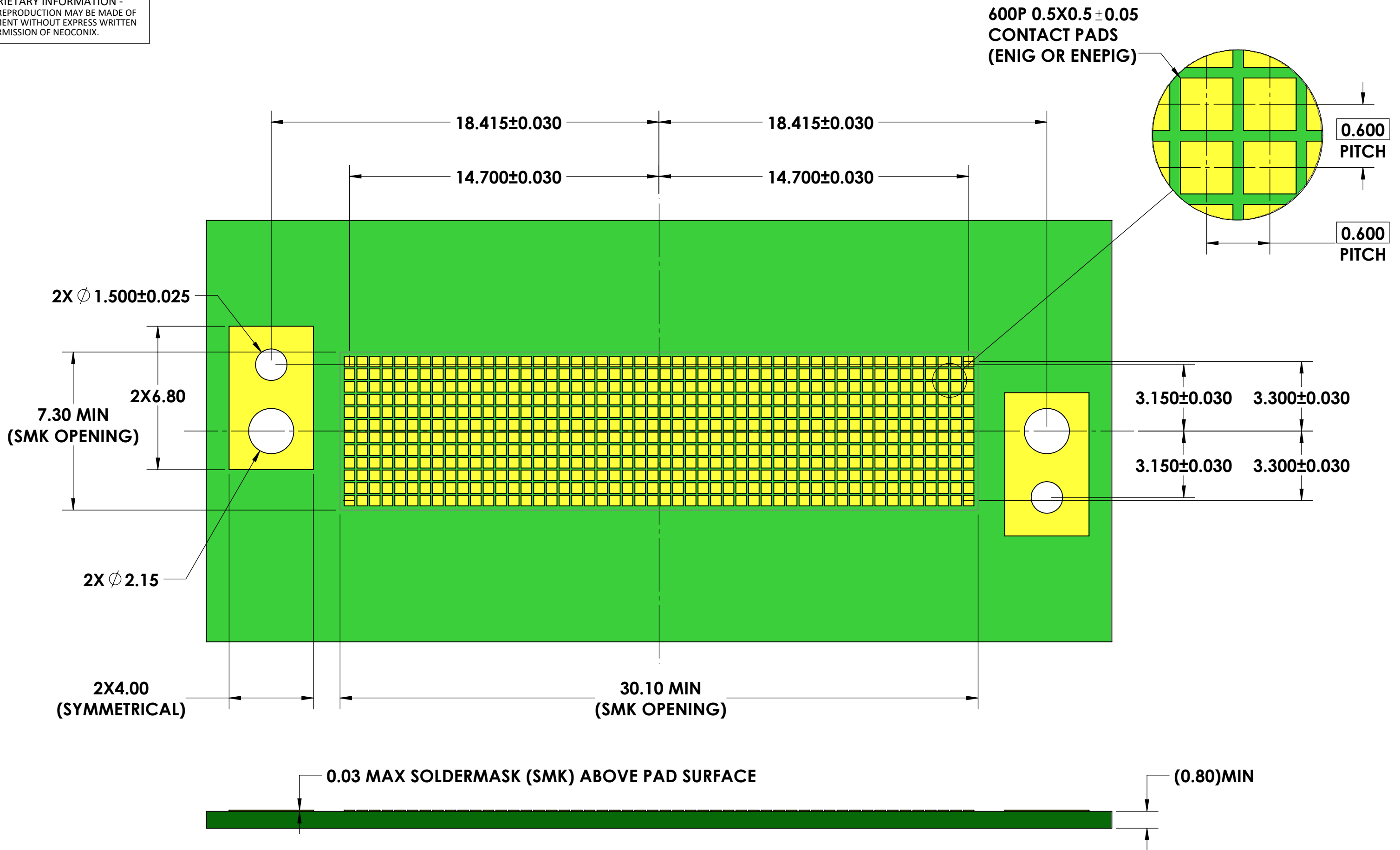
BOTTOM PCB

NOTES (UNLESS OTHERWISE SPECIFIED):

1. IF THE VIA NEEDS TO BE LOCATED WITHIN THE 0.5X0.50 PAD, IT MUST BE FILLED, PLATED, AND PLANARIZED WITH 25UM MAX DIMPLE.
2. 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 PCB LAYOUT SPH3-LB600A	
	.X ±0.13	.XX ±0.08	.XXX ±0.025	FINISH:	DRAWN BY: HM 04/02/2024	
	ANGLE: NO DEC ±2 DEGREE .X± .XX±			CHECKED BY: JianYu 04/02/2024	ENGR APPR:	MFG APPR:
				QA APPR:	SIZE: B+	DWG NUMBER: SPH3-LB600A-PCB REV 3
				SCALE: 5:1	SHEET 3 OF 4	

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TOP PCB

NOTES (UNLESS OTHERWISE SPECIFIED):

- IF THE VIA NEEDS TO BE LOCATED WITHIN THE 0.5X0.50 PAD, 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.

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

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: **HM** 04/02/2024
CHECKED BY: **JianYu** 04/02/2024
ENGR APPR:
MFG APPR:
QA APPR:

TITLE: **RECOMMENDED PCB LAYOUT
SPH3-LB600A**
DWG NUMBER: **SPH3-LB600A-PCB** REV **3**
SCALE: 5:1 SHEET 4 OF 4