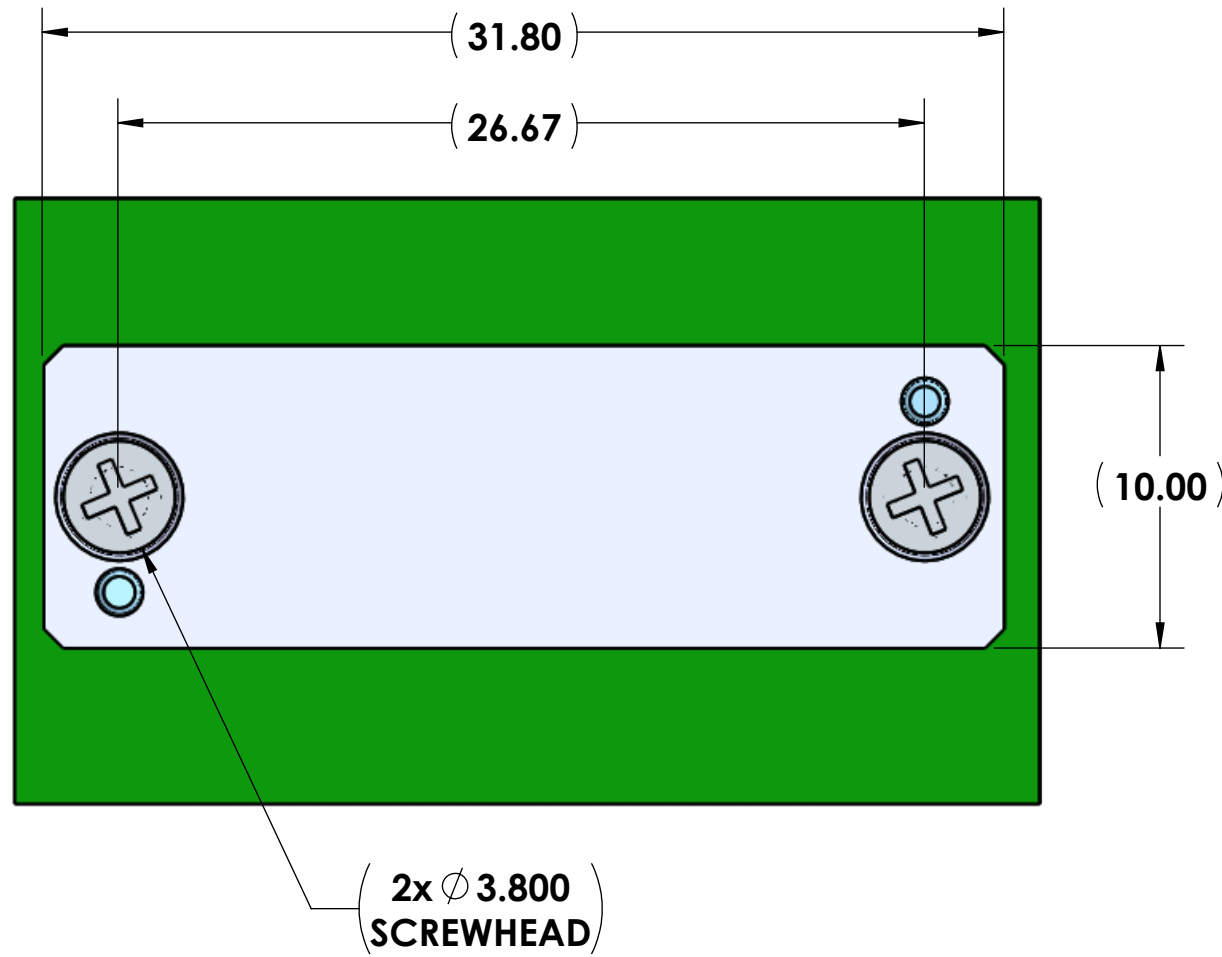


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REVISION				
REV	ECN	DESCRIPTION	DATE	DESIGN BY
1	000	INITIAL RELEASE	11-21-2023	DH
2	000	REVISE DIMS AND NOTES	11-22-2023	FRED/TAN
3	000	UPDATE THE MODEL	04-08-2024	MY



TOP STIFFENER+
INSULTAING TAPE
(1.85)

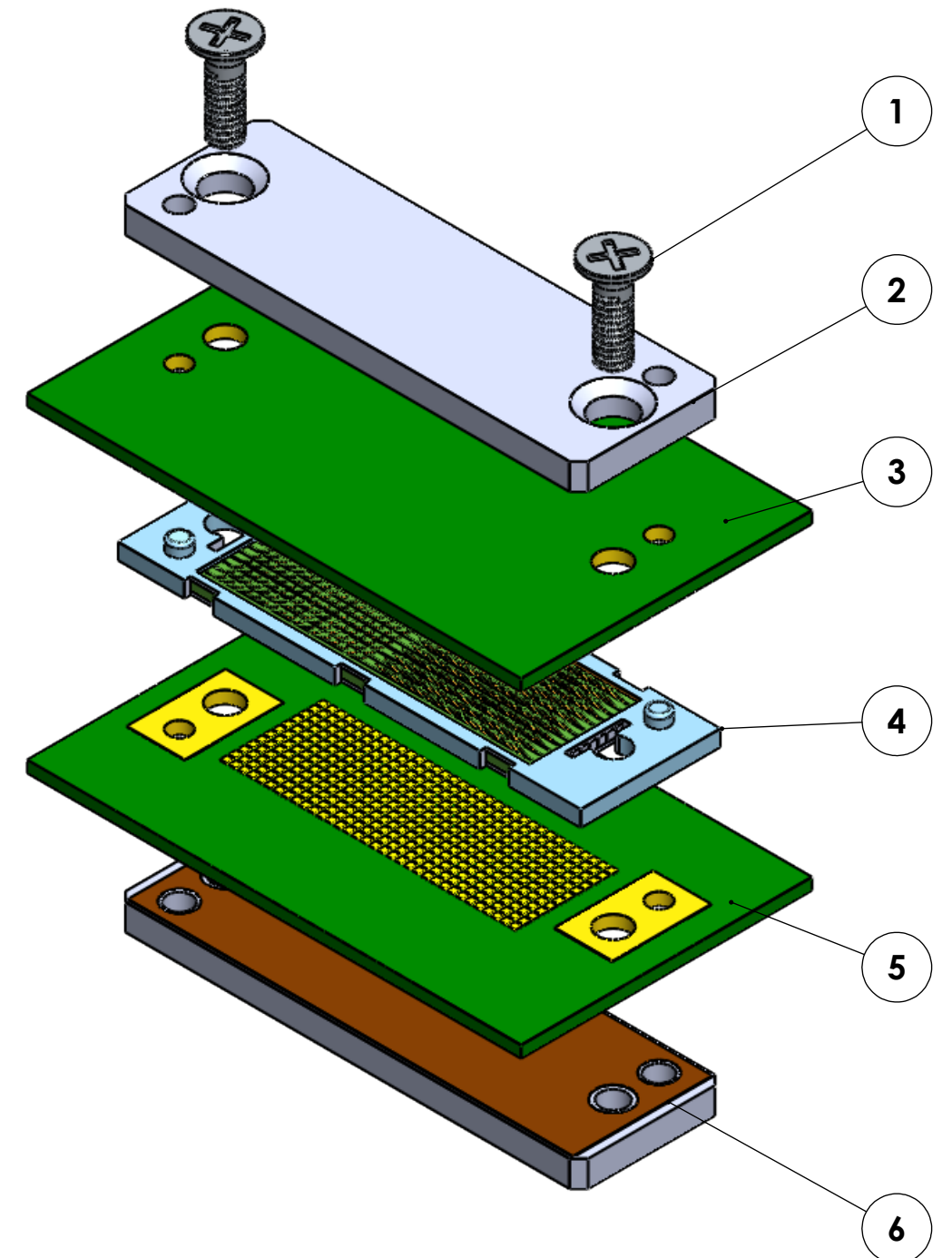
INTERPOSER
(1.10)

BOTTOM STIFFENER
+ INSULATING TAPE
(1.85)

TOP PCB
(0.80)

BOTTOM PCB
(0.80)

TOTAL HEIGHT
ABOVE THE PCB
(3.75)

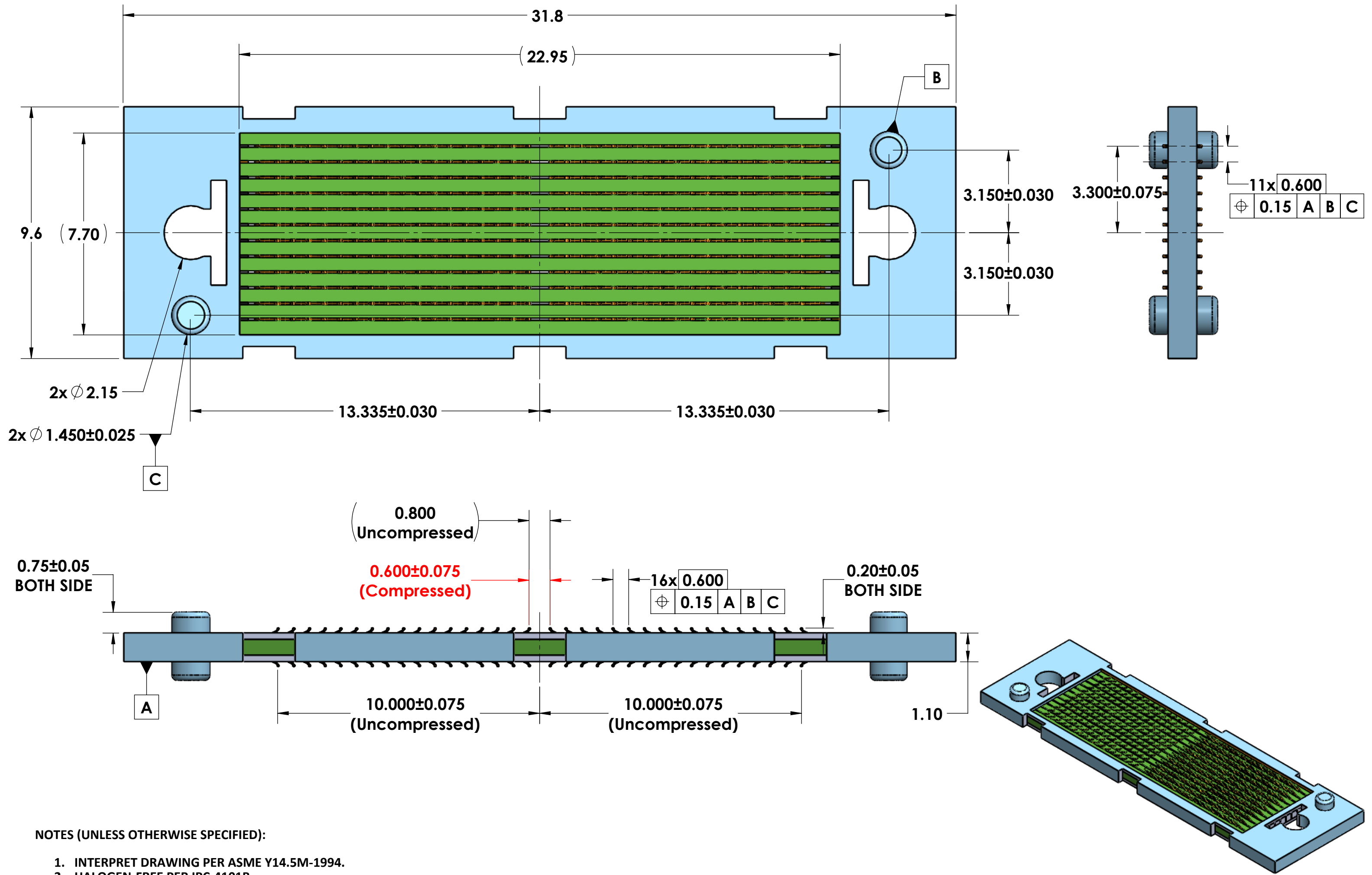


ITEM	DESCRIPTION	NEOCONIX P/N	QTY PER ASSY
1	M2 Flathead Screw	Various*	2
2	Top Stiffener	B01-000846	1
3	Top PCB	N/A Customer Supplied	1
4	Interposer	SPH3-SB408A	1
5	Bottom PCB	N/A Customer Supplied	1
6	Bottom Stiffener	B01-000847	1

*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>	<p>DIMENSIONS ARE IN MM [INCH] .X ±0.13 .XX ±0.08 .XXX ±0.025 ANGLE: NO DEC ±2 DEGREE .X± .XX±</p>	<p>MATERIAL: SEE NOTES</p>	<p>TITLE: SPH3 ASSEMBLY 408 POS LGA-LGA</p>	
	<p>FINISH:</p>	<p>DRAWN BY: MY 04-08-2024</p>	<p>CHECKED BY: JianYu 04-08-2024</p>	<p>SIZE: B+</p>
	<p>ENGR APPR:</p>	<p>MFG APPR:</p>	<p>QA APPR:</p>	<p>DWG NUMBER: SPH3-SB408A-ASY</p>
	<p>THIRD ANGLE</p>	<p>SCALE: 5:1</p>	<p>SHEET 1 OF 4</p>	<p>REV 3</p>

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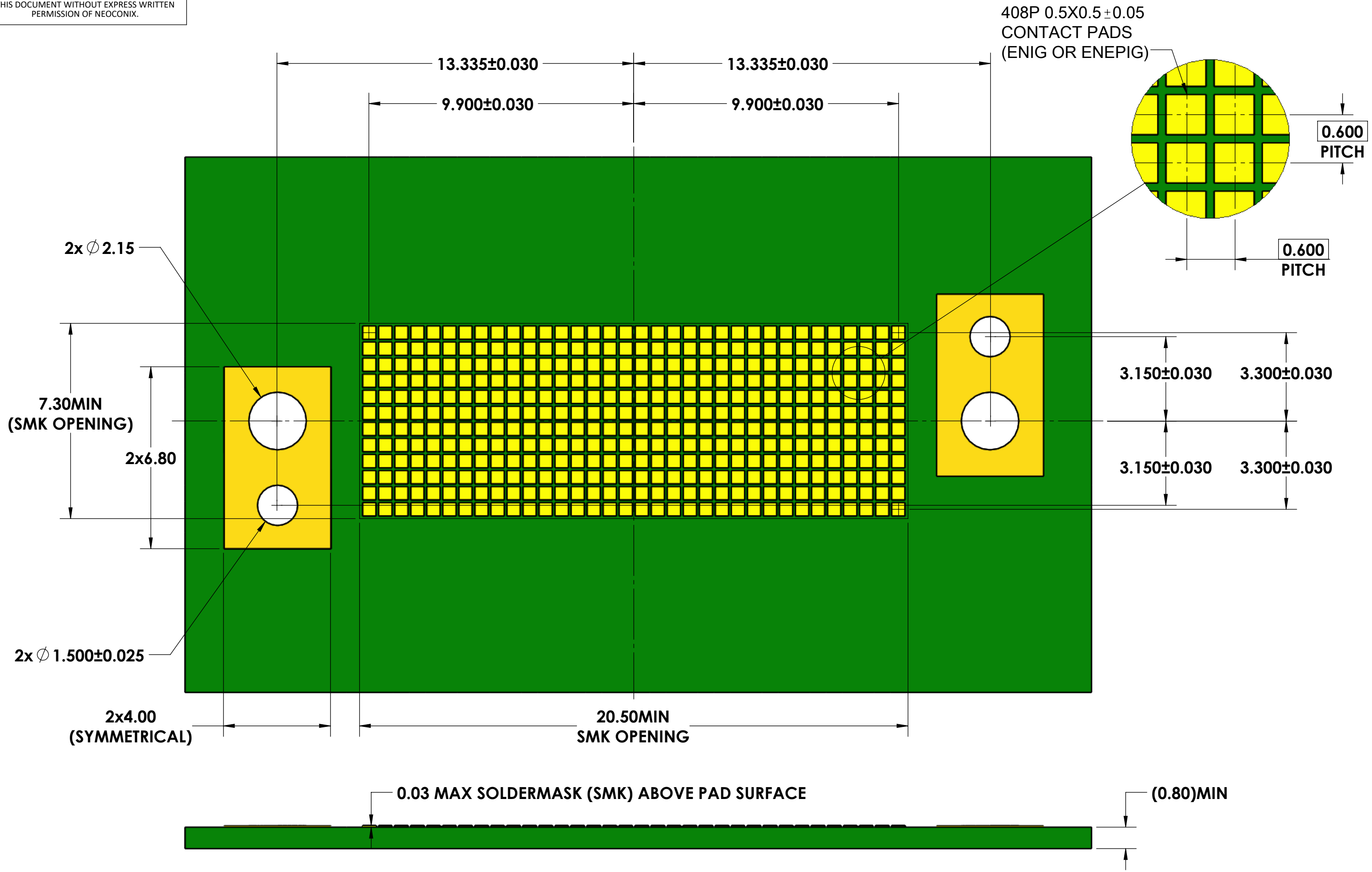


NOTES (UNLESS OTHERWISE SPECIFIED):

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 UNCOMPRESSED STATE.
5. FRAME MATERIAL:LCP.

<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 \pm .XX \pm		MATERIAL: SEE NOTES FINISH: DRAWN BY: MY 04-08-2024 CHECKED BY: JianYu 04-08-2024 ENGR APPR: MFG APPR: QA APPR:		TITLE: SPH3 INTERPOSER 408 POS LGA-LGA DWG NUMBER: SPH3-SB408A SCALE: 5:1 SHEET 2 OF 4	
	THIRD ANGLE		SIZE: B+		REV: 3	

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BOTTOM PCB

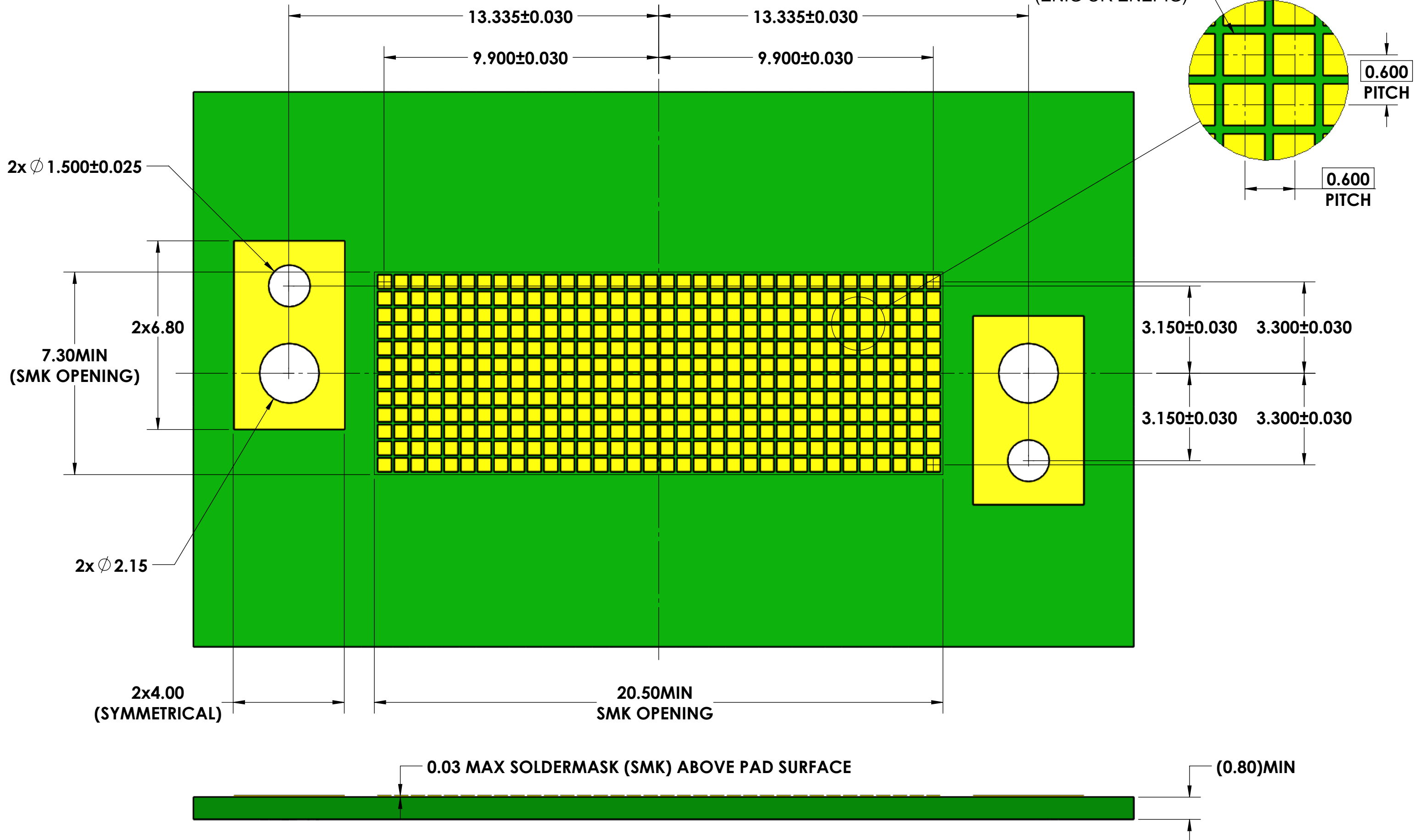
NOTES(UNLESS OTHERWISE SPECIFIED):

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>	<p>DIMENSIONS ARE IN MM [INCH] .X ±0.13 .XX ±0.08 .XXX ±0.025 ANGLE: NO DEC±2 DEGREE .X± .XX±</p>	<p>MATERIAL: SEE NOTES</p>	<p>TITLE: RECOMMENDED PCB LAYOUT SPH3-SB408A</p>	
	<p>FINISH:</p>	<p>DRAWN BY: MY 04-08-2024</p>	<p>CHECKED BY: JianYu 04-08-2024</p>	<p>SIZE: B+</p>
	<p>ENGR APPR:</p>	<p>MFG APPR:</p>	<p>QA APPR:</p>	<p>DWG NUMBER: SPH3-SB408A-PCB</p>
	<p>THIRD ANGLE</p>	<p>SCALE: 5:1</p>	<p>SHEET 3 OF 4</p>	<p>REV 3</p>

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PERMISSION OF NEOCONIX.

408P 0.5X0.5±0.05
CONTACT PADS
(ENIG OR ENEPIG)



TOP 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.

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:	MY	04-08-2024
CHECKED BY:	JianYu	04-08-2024
ENGR APPR:		
MFG APPR:		
QA APPR:		

TITLE:		RECOMMENDED PCB LAYOUT SPH3-SB408A	
SIZE:	B+	DWG NUMBER:	SPH3-SB408A-PCB
REV:	3	SCALE:	5:1
SHEET		4 OF 4	