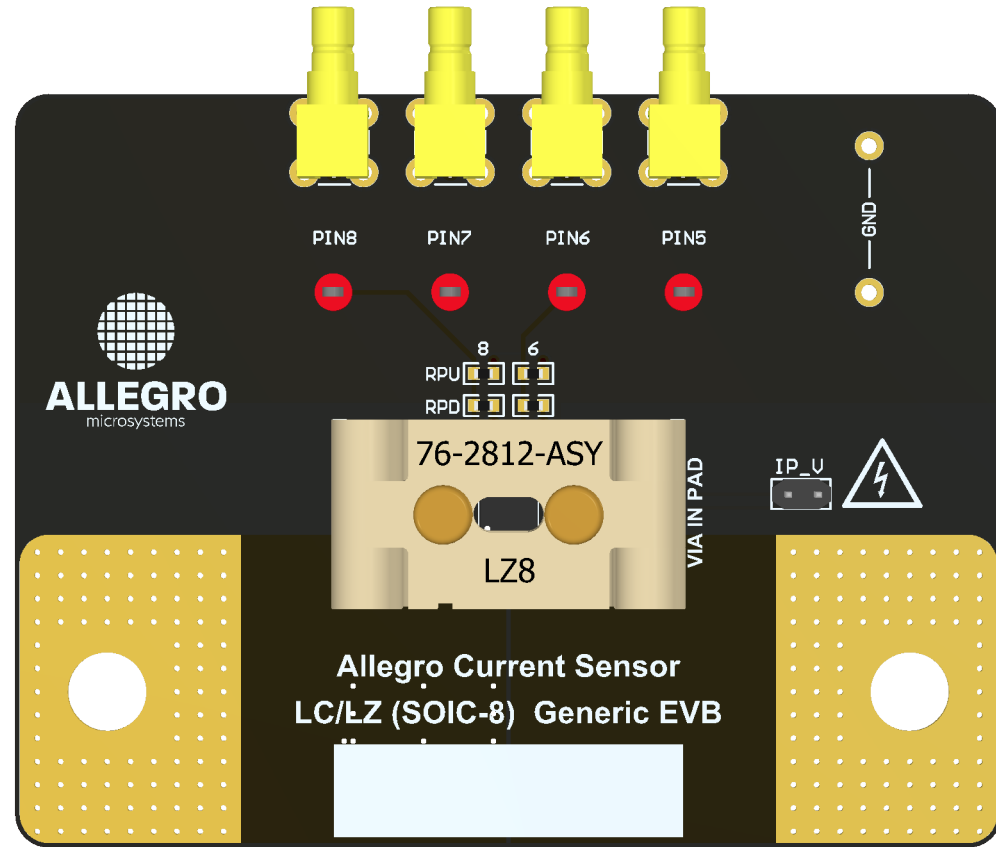


TED-0004110 (LC/LZ Current Sensor Evaluation Board) PCB INFO

3D Top Side View



Layer Stack Legend

Material	Layer	Thickness	Dielectric Material	Type	Gerber
	TopOverlay			Legend	GTO
Surface Material	TopSolder	0.025mm	SM-002	Solder Mask	GTS
Nickel, Gold	TopSurfaceFinish	0.004mm		Surface Finish	
CF-004	TopLayer	0.070mm		Signal	GTL
Prepreg		0.250mm	PP-006	Dielectric	
CF-004	Int1	0.070mm		Signal	G1
Core		0.200mm	Core-035	Dielectric	
CF-004	Int2	0.070mm		Signal	G2
Prepreg		0.250mm	PP-006	Dielectric	
CF-004	Int3	0.070mm		Signal	G3
Core		0.200mm	Core-035	Dielectric	
CF-004	Int4	0.070mm		Signal	G4
Prepreg		0.250mm	PP-006	Dielectric	
CF-004	BottomLayer	0.070mm		Signal	GBL
Nickel, Gold	BottomSurfaceFinish	0.004mm		Surface Finish	
Surface Material	BottomSolder	0.025mm	SM-002	Solder Mask	GBS
	BottomOverlay			Legend	GBO

Total thickness: 1.629mm

NOTES:

- 1) Soldermask color: Black
- 2) Silkscreen color: White (Top & Bottom)
- 3) Finished PCB is RoHS
- 4) Manufacture in accordance to IPC-6011, IPC-6012 for Class 2 applications
- 5) PCB shall meet acceptance criteria as required for Class 2 PCB as defined in IPC-600
- 6) Laminate type: High-TG FR4 (TG = 180°C, ISOLA 370HR)
- 7) Minimum clearance: 0.254mm
- 8) Minimum track width: 0.254mm
- 9) Surface Finish: Immersion Gold
- 10) Hole sizes are specified after plating
- 11) No blind or buried vias
- 12) VIAS in PAD as defined by IPC 4761 (Type VII)

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		TOLERANCES:		CHECKED			
		FRACTIONAL ±		ENG APPR.			
		ANGULAR: MACH ± BEND ±		MFG APPR.			
		TWO PLACE DECIMAL ±		Q.A.		SIZE DWG. NO.	
		THREE PLACE DECIMAL ±		COMMENTS:			
		INTERPRET GEOMETRIC TOLERANCING PER:					
		MATERIAL					
NEXT ASSY	USED ON	FINISH					
APPLICATION		DO NOT SCALE DRAWING		SCALE: 1:1 WEIGHT: SHEET 1 OF 6			

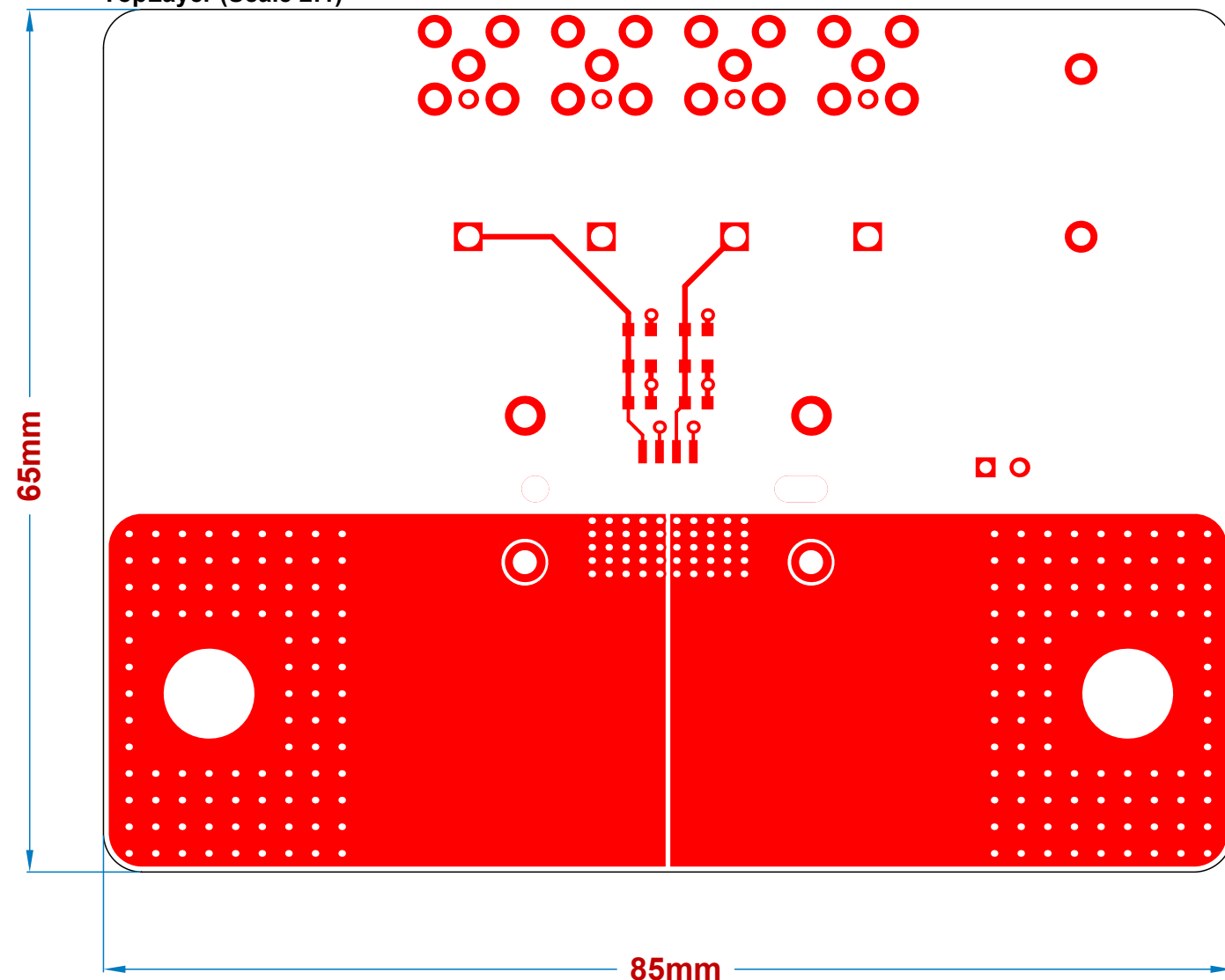
A

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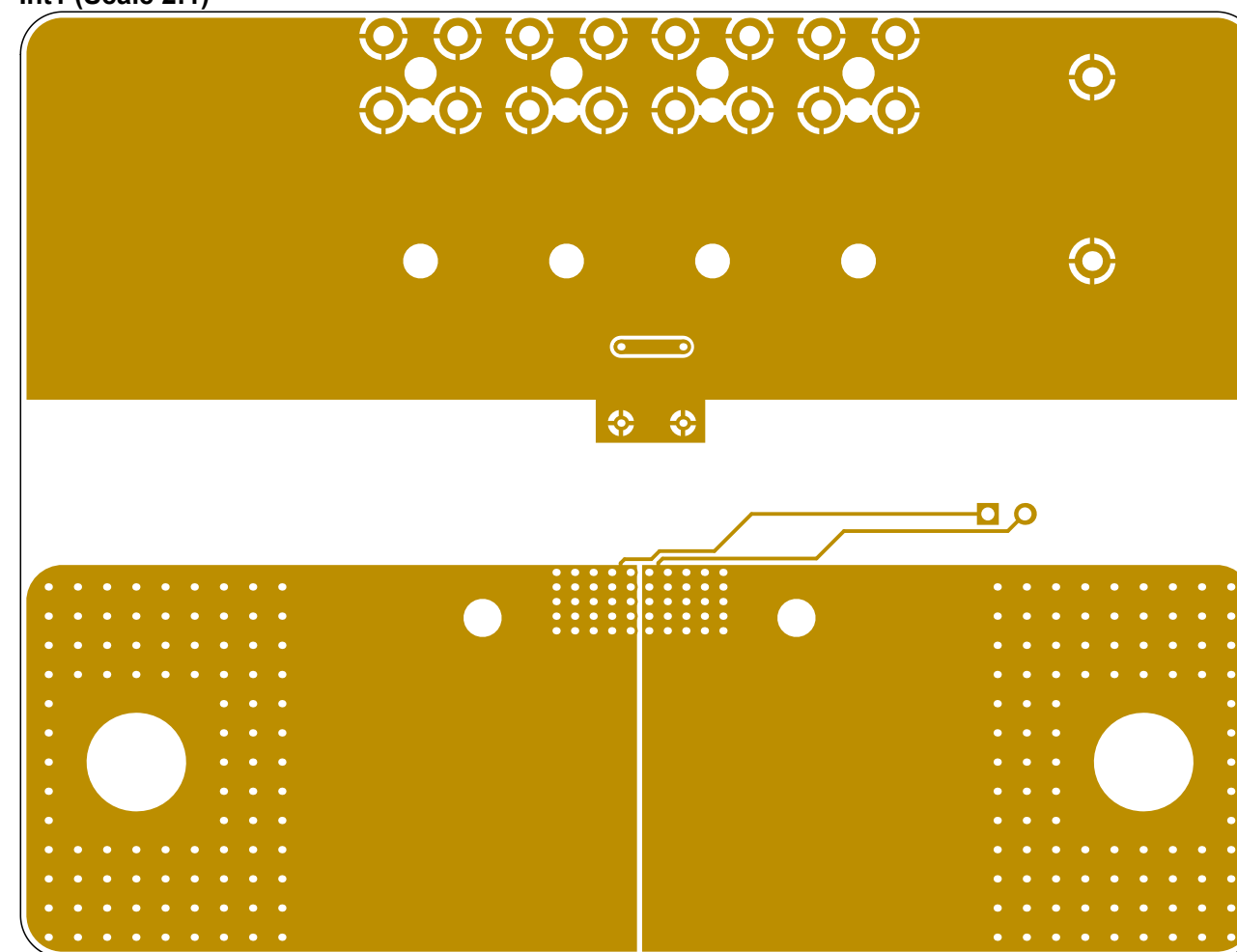
C

D

TopLayer (Scale 2:1)



Int1 (Scale 2:1)



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		MATERIAL					
NEXT ASSY	USED ON	FINISH					
APPLICATION		DO NOT SCALE DRAWING					

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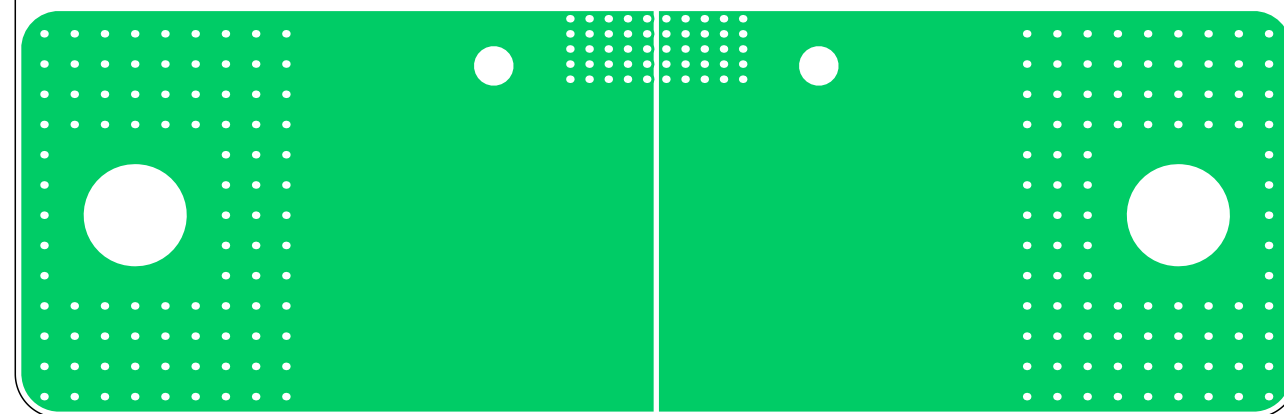
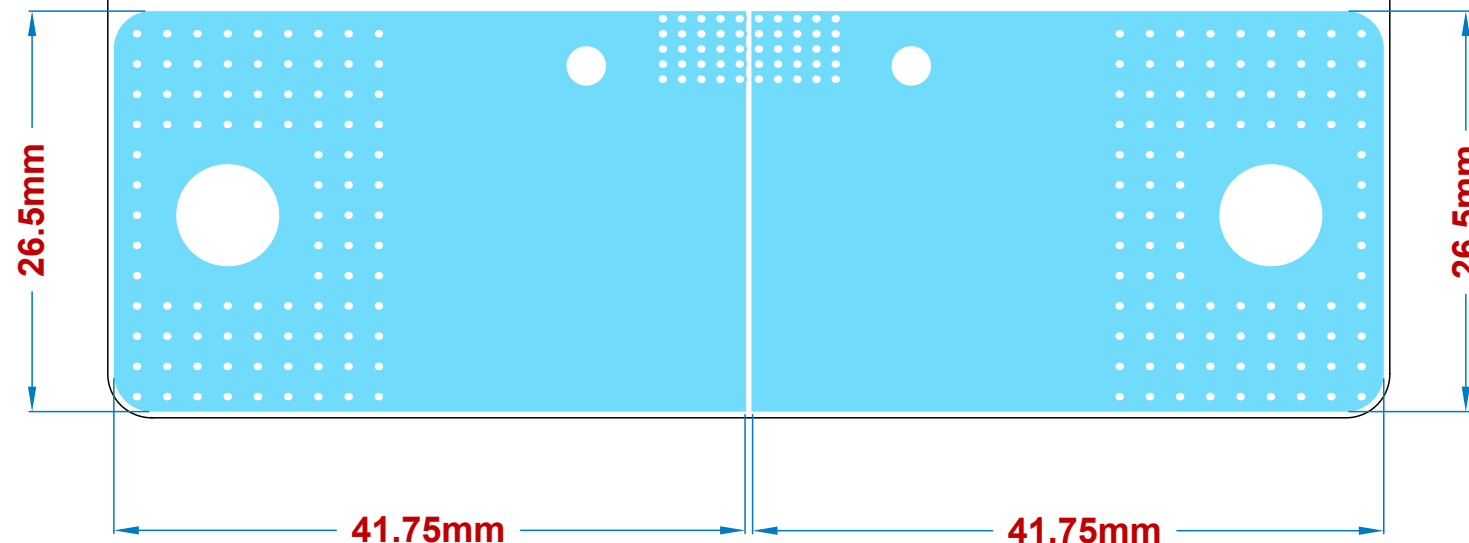
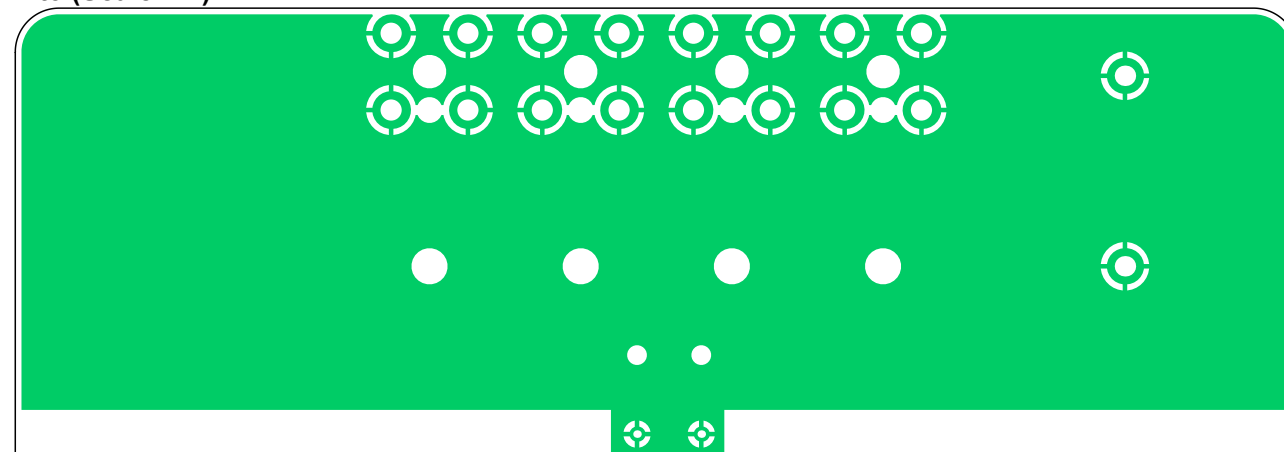
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Int2 (Scale 2:1)



Int3 (Scale 2:1)



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		THREE PLACE DECIMAL ±		COMMENTS:			
		INTERPRET GEOMETRIC TOLERANCING PER:					
		MATERIAL					
NEXT ASSY	USED ON	FINISH					
APPLICATION		DO NOT SCALE DRAWING				SCALE: 1:1	WEIGHT:
						SHEET 3 OF 6	

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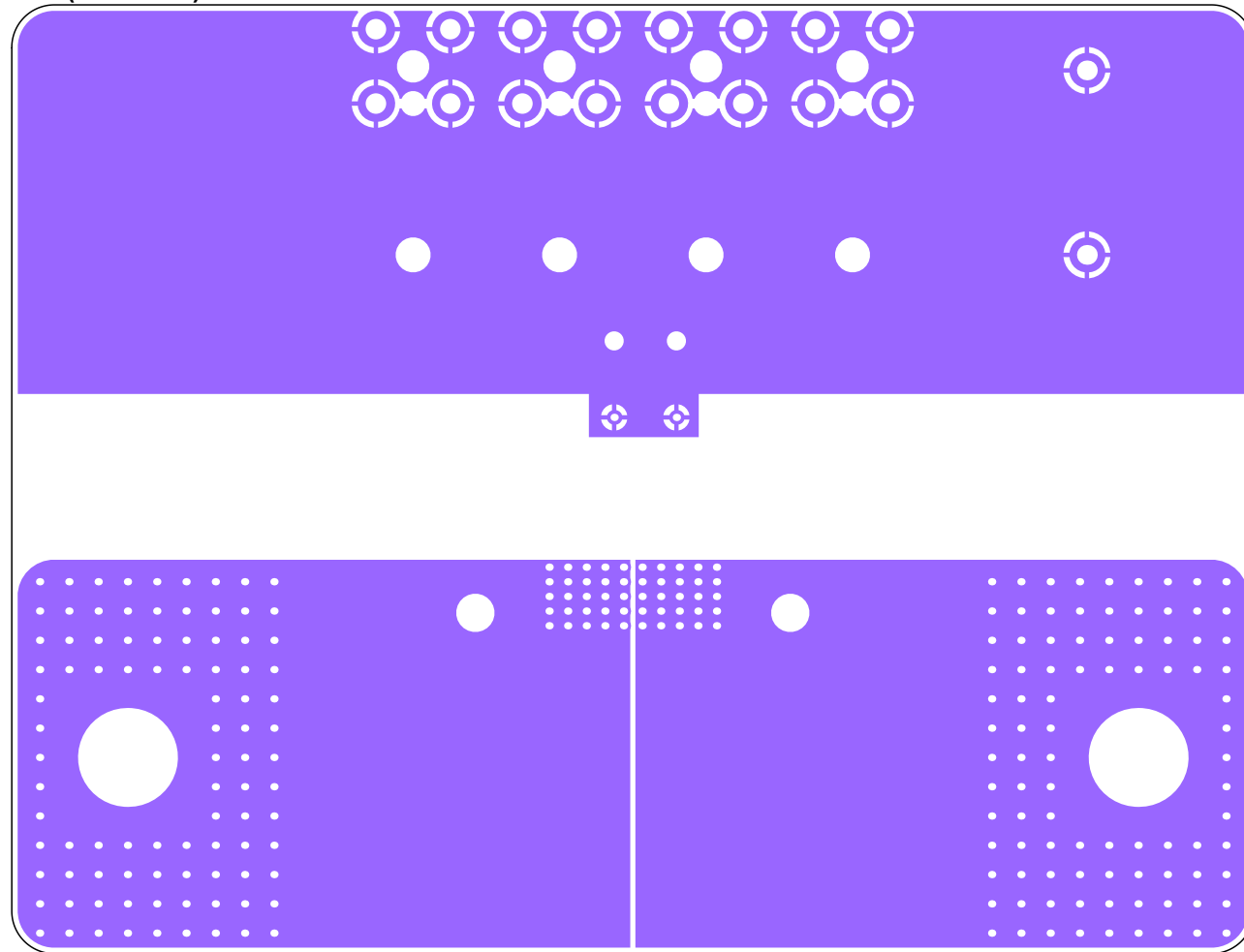
A

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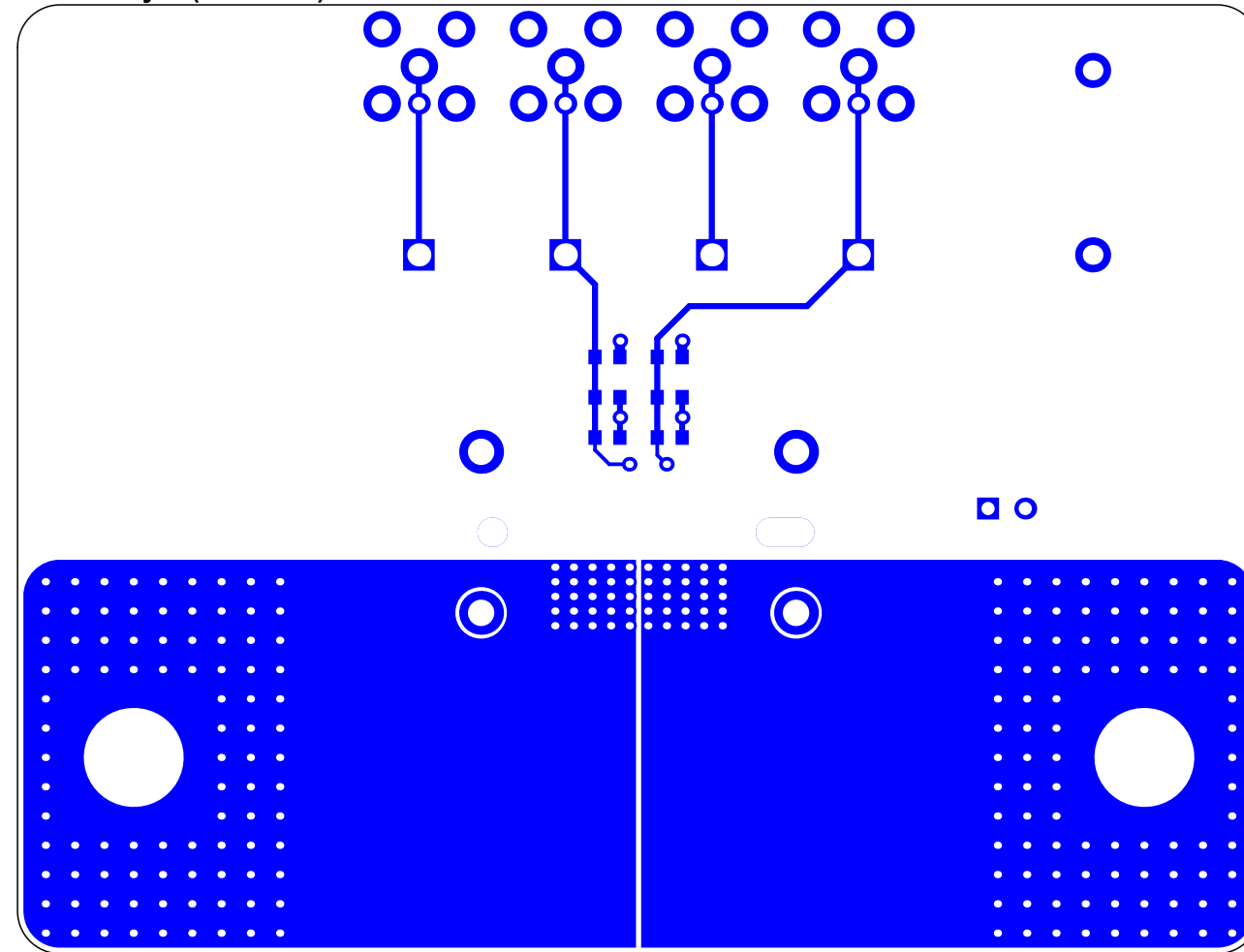
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Int4 (Scale 2:1)



BottomLayer (Scale 2:1)



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		THREE PLACE DECIMAL ±		COMMENTS:			
		INTERPRET GEOMETRIC TOLERANCING PER:					
		MATERIAL					
NEXT ASSY	USED ON	FINISH					
APPLICATION		DO NOT SCALE DRAWING				SCALE: 1:1	WEIGHT:
						SHEET 4 OF 6	

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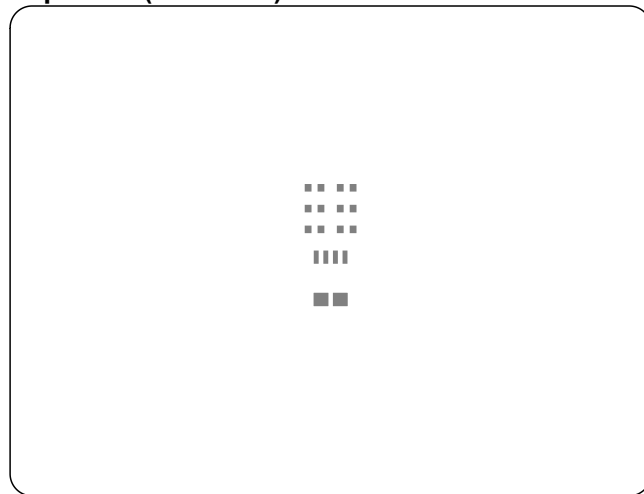
A

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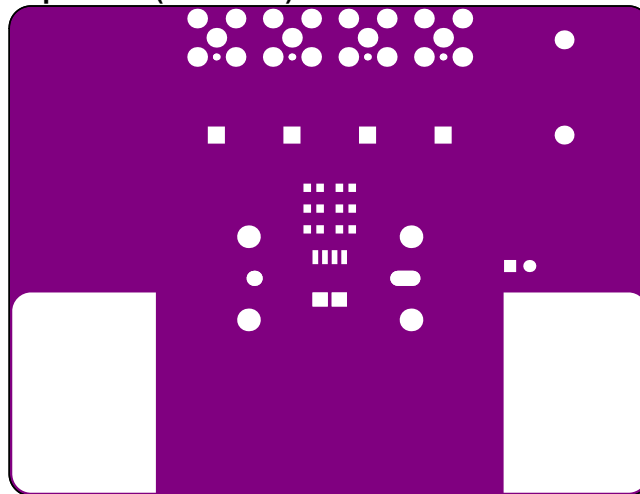
C

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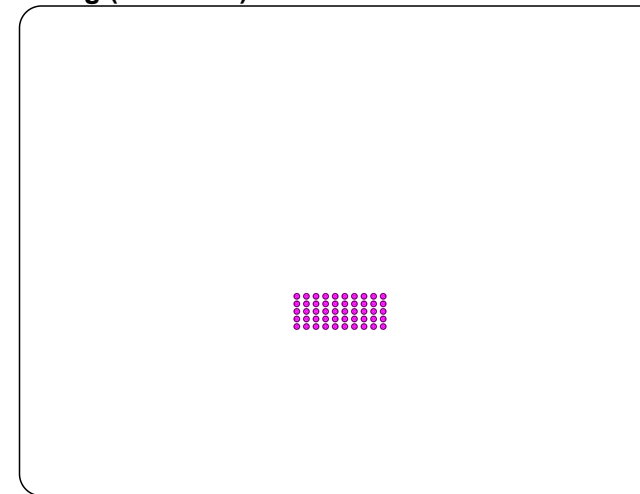
TopPaste (Scale 1:1)



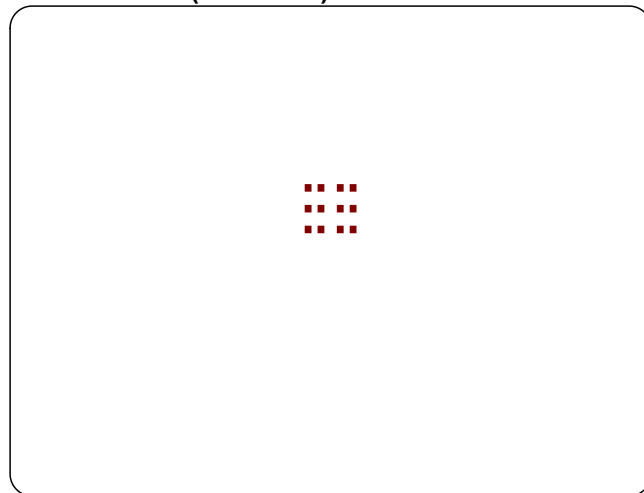
TopSolder (Scale 1:1)



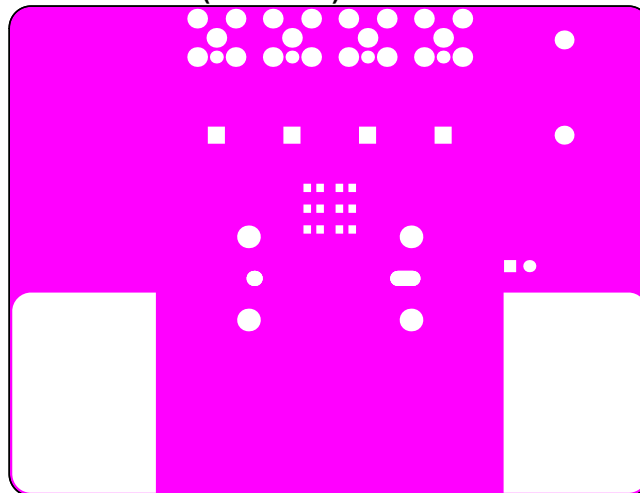
Filling (Scale 1:1)



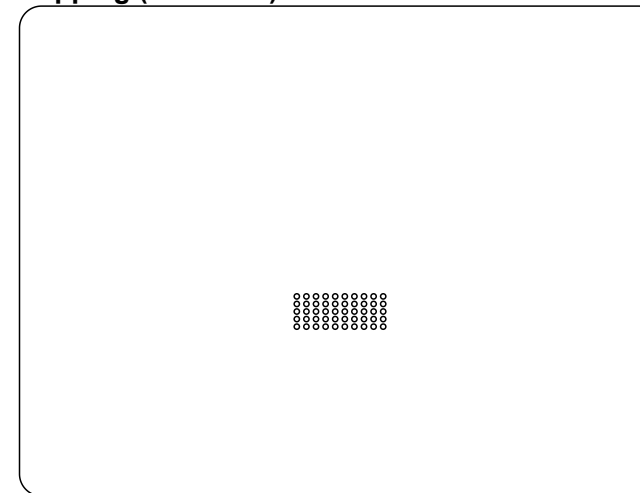
BottomPaste (Scale 1:1)



BottomSolder (Scale 1:1)



Capping (Scale 1:1)



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		MATERIAL						
		FINISH						
NEXT ASSY	USED ON	DO NOT SCALE DRAWING						
	APPLICATION							

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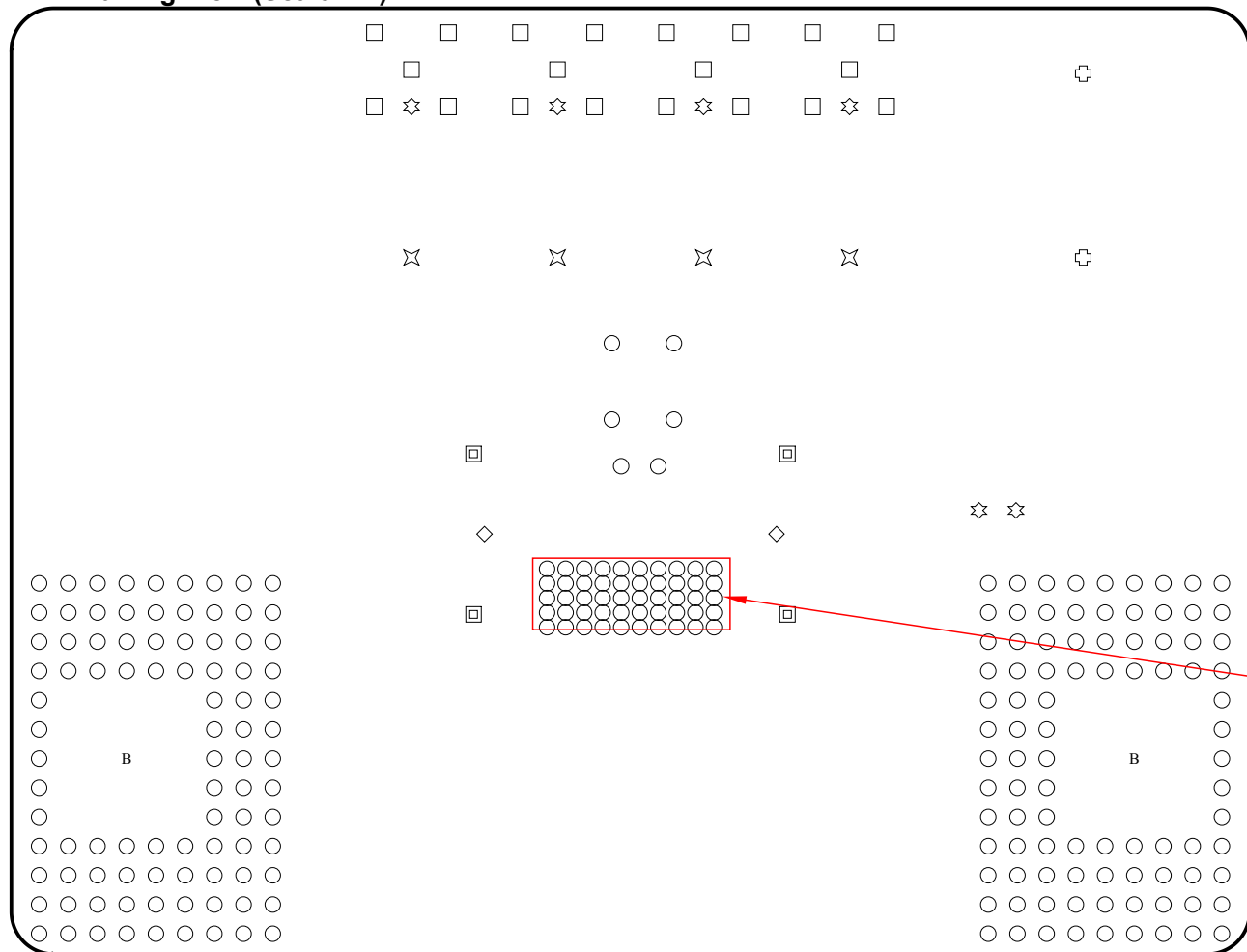
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Drill Drawing View (Scale 2:1)



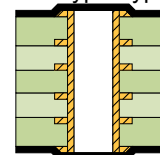
Drill Table - Plated

Symbol	Count	Hole Size	Hole Type	Drill Layer Pair	Via / Pad
○	240	0.500mm	Round	TopLayer - BottomLayer	Via
☆	6	0.900mm	Round	TopLayer - BottomLayer	Pad
⊕	2	1.350mm	Round	TopLayer - BottomLayer	Pad
□	20	1.400mm	Round	TopLayer - BottomLayer	Pad
✕	4	1.575mm	Round	TopLayer - BottomLayer	Pad
⊞	4	1.800mm	Round	TopLayer - BottomLayer	Pad
B	2	6.756mm	Round	TopLayer - BottomLayer	Pad
278 Total					

Drill Table - Non-Plated

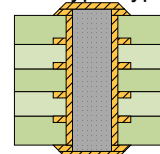
Symbol	Count	Hole Size	Hole Type	Drill Layer Pair	Via / Pad
◇	2	2.000mm	(Mixed)	TopLayer - BottomLayer	Pad
2 Total					

Via Type Type 1B (Scale 12:1)



Filled VIAS as defined by IPC 4761 (Type VII)

Via Type Type 7 (Scale 12:1)



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		MATERIAL					
NEXT ASSY	USED ON	FINISH					
APPLICATION		DO NOT SCALE DRAWING					

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