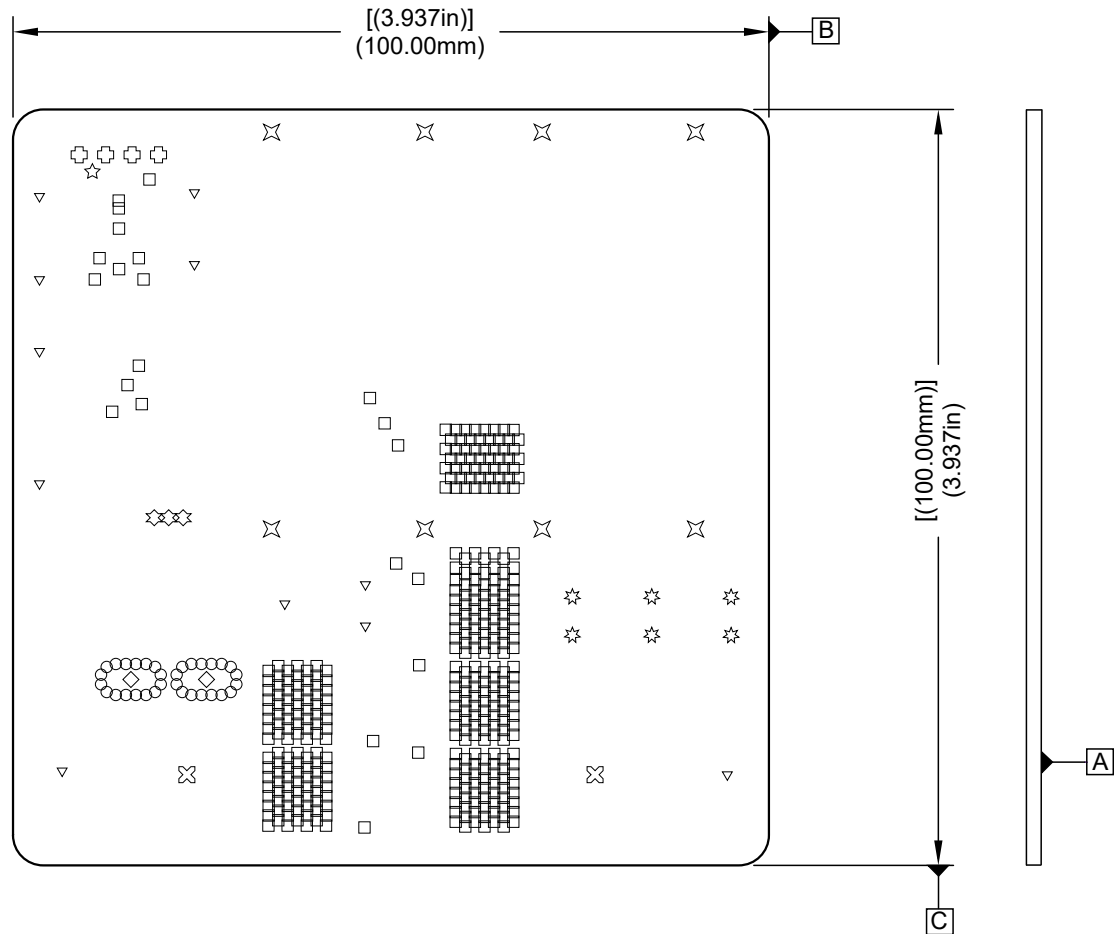


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Drill Table				
Symbol	Count	Hole Size	Plated	Hole Tolerance
□	372	0.30mm(12.0mil)	Plated	+/-0.08mm(3.0mil)
○	32	0.50mm(19.7mil)	Plated	+/-0.08mm(3.0mil)
☆	3	0.80mm(31.5mil)	Plated	+/-0.08mm(3.0mil)
⊕	4	1.02mm(40.2mil)	Plated	+/-0.04mm(1.6mil)
⊛	6	1.07mm(42.0mil)	Plated	+/-0.08mm(3.0mil)
✱	8	1.52mm(60.0mil)	Plated	+/-0.08mm(3.0mil)
▽	11	1.60mm(63.0mil)	Plated	+/-0.08mm(3.0mil)
☆	1	1.60mm(63.0mil)	Non-Plated	+/-0.04mm(1.6mil)
◇	2	2.00mm(78.7mil)	Plated	+/-0.13mm(5.0mil)
⊗	2	12.10mm(476.4mil)	Plated	+0.10mm(3.9mil)/-0.00mm(0.0mil)
441 Total				

- Note:
- MANUFACTURE PCB TO IPC-6012B CLASS 2.
 - MATERIAL: FR4 EPOXY GLASS LAMINATE, UL RECOGNIZED 130 C RATING MINIMUM, 94V-0. MINIMUM 170 C Tg. START OUTER LAYERS WITH 2 OZ. COPPER AND PLATE UP TO 3 OZ.
 - SILK SCREEN BOTH SIDES USING WHITE EPOXY BASE INK. NO SILK SCREEN ALLOWED ON PADS.
 - FINISH: ENIG. SOLDERABILITY SHALL BE PER ANSI/J-STD-003.
 - SOLDER MASK BOTH SIDES USING LIQUID PHOTO IMAGEABLE (MATTE BLUE) OVER BARE COPPER.
 - FINISHED BOARD THICKNESS TO BE 1.57MM +/-0.18MM.
 - HOLE SIZES ARE FINISHED.
 - CAD DATA IS MASTER. ALL UNDIMENSIONED FEATURES ARE AT NOMINAL AND BASIC. INTERROGATE THE CAD DATA FOR ALL UNDIMENSIONED FEATURES UNLESS OTHERWISE SPECIFIED.
 - ALL HOLES \varnothing 0.2 [.008] A B C ACCORDING TO IPC-2221A, LEVEL B.

Layer Stack Legend


Material	Layer	Thickness	Dielectric Material	Type	Gerber
	Top Overlay			Legend	GTO
	Surface Material	0.01mm(0.40mil)	Solder Resist	Solder Mask	GTS
CF-006	Top Layer	0.11mm(4.13mil)		Signal	GTL
Prepreg		0.18mm(7.10mil)	PP-021	Dielectric	
Core		0.99mm(39.00mil)	Core-042	Dielectric	
Prepreg		0.18mm(7.10mil)	PP-021	Dielectric	
CF-006	Bottom Layer	0.11mm(4.13mil)		Signal	GBL
Surface Material	Bottom Solder	0.01mm(0.40mil)	Solder Resist	Solder Mask	GBS
	Bottom Overlay			Legend	GBO
Total thickness: 1.58mm(62.27mil)					

2

2

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PROPRIETARY AND CONFIDENTIAL

		UNLESS OTHERWISE SPECIFIED: DIMENSIONS ARE IN INCHES TOLERANCES: FRACTIONAL± ANGULAR: MACH± BEND ± TWO PLACE DECIMAL ± THREE PLACE DECIMAL ± INTERPRET GEOMETRIC TOLERANCING PER: MATERIAL		NAME	DATE	<div> ZincFive</div>			
			DRAWN	S. AYRES	5/28/2025				
			CHECKED			TITLE PCB, BC2 AI SOLID-STATE-SWITCH			
			ENG APPR.						
			MFG APPR.						
		Q.A.							
			COMMENTS:			SIZE	DWG. NO.		X01
							00310-00400-00018		
NEXT ASSY	USED ON	FINISH				SCALE: 2:3		WEIGHT:	SHEET 1 OF 1
APPLICATION		DO NOT SCALE DRAWING							

A

B

C

D