

A

B

C

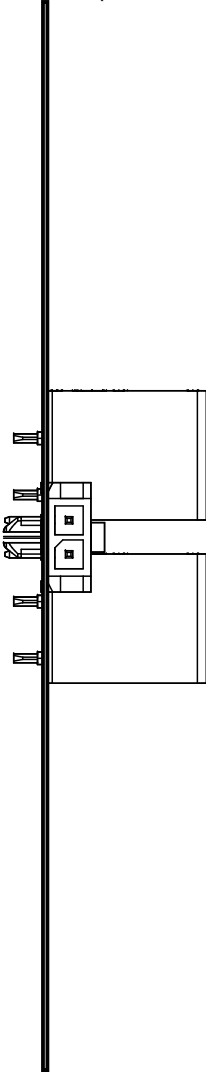
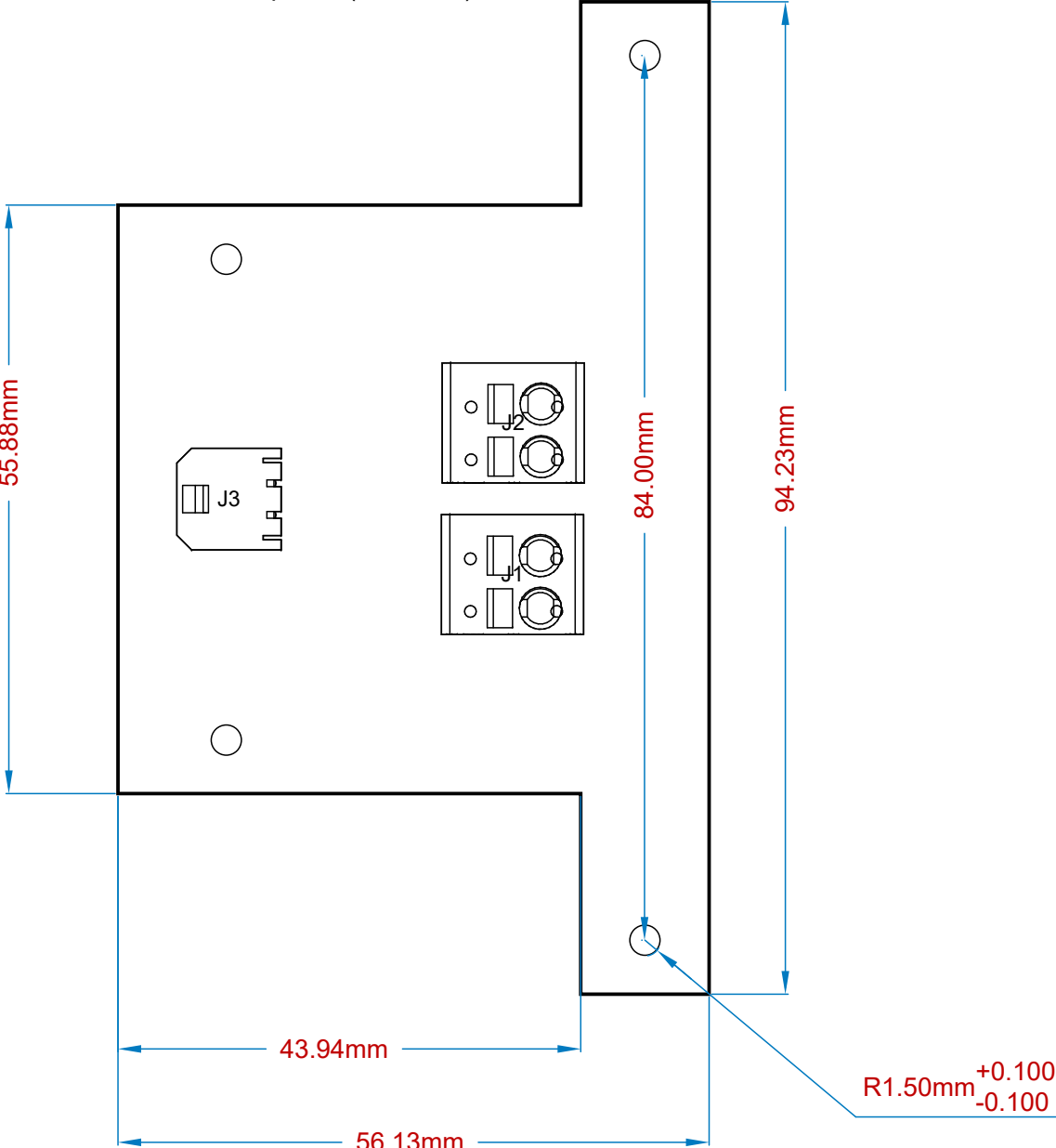
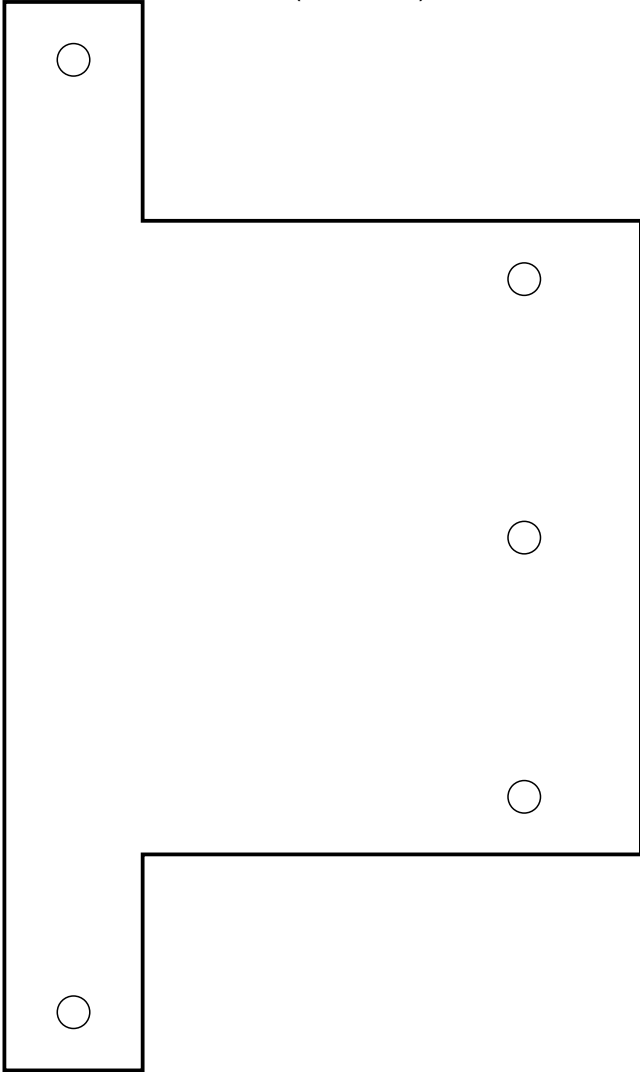
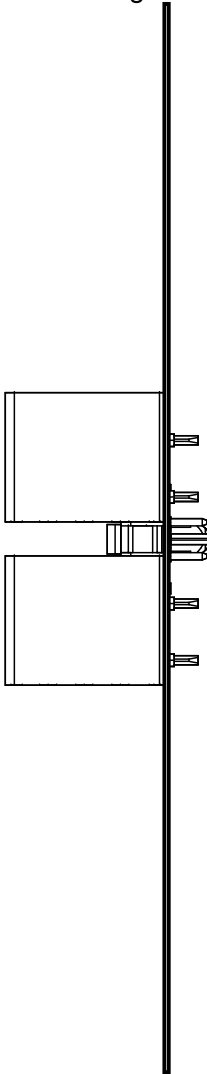
D

View from Right side (Scale 3:2)

View from Bottom side (Scale 3:2)

View from Top side (Scale 3:2)

View from Left side (Scale 3:2)



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		DIMENSIONS ARE IN INCHES	DRAWN	Darvesh.V	15/05/2020	TITLE  PowerDistribution PCB			
		TOLERANCES:	CHECKED						
		FRACTIONAL±	ENG APPR.						
		ANGULAR: MACH± BEND ±	MFG APPR.						
		TWO PLACE DECIMAL ±	Q.A.						
		THREE PLACE DECIMAL ±	COMMENTS:			SIZE DWG. NO.  GEN2-PD-V001			
		INTERPRET GEOMETRIC TOLERANCING PER:							
		MATERIAL							
NEXT ASSY	USED ON	FINISH							
APPLICATION		DO NOT SCALE DRAWING				SCALE:	1:1	WEIGHT:	SHEET 1 OF 4

A

B

C

D

A

B

C

D

Layer Stack Legend

Material	Layer	Thickness	Dielectric Material	Type	Gerber
	Top Overlay			Legend	GTO
Surface Material	Top Solder	0.01mm	Solder Resist	Solder Mask	GTS
Copper	Top Layer	0.04mm		Signal	GTL
		0.32mm	FR-4	Dielectric	
Copper	Bottom Layer	0.04mm		Signal	GBL
Surface Material	Bottom Solder	0.01mm	Solder Resist	Solder Mask	GBS
	Bottom Overlay			Legend	GBO
Total thickness: 0.41mm					

Bill Of Materials

Line #	Designator	Comment	Quantity	Pad-X(Mil)	Pad-Y(Mil)	Footprint	Manufacturer_Name	Manufacturer_Part_Nu mber	Layer
1	J1, J2	1991095	2	1635, 1637.835	683.15, 1250	SHDR4W80P820X500_2X2_1140X1350X1440_P	Phoenix Contact	1991095	Top
2	J3	43650-0200	1	575.079	1040.945	43650-0200	Molex	43650-0200	Top

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		INTERPRET GEOMETRIC TOLERANCING PER:							
		MATERIAL				SIZE	DWG. NO.		
NEXT ASSY	USED ON	FINISH							
APPLICATION		DO NOT SCALE DRAWING				SCALE:	1:1	WEIGHT:	SHEET 2 OF 4

A

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1

2

1

2

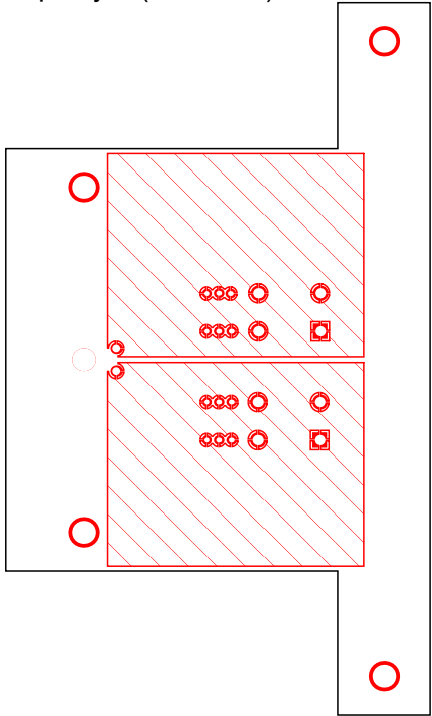
A

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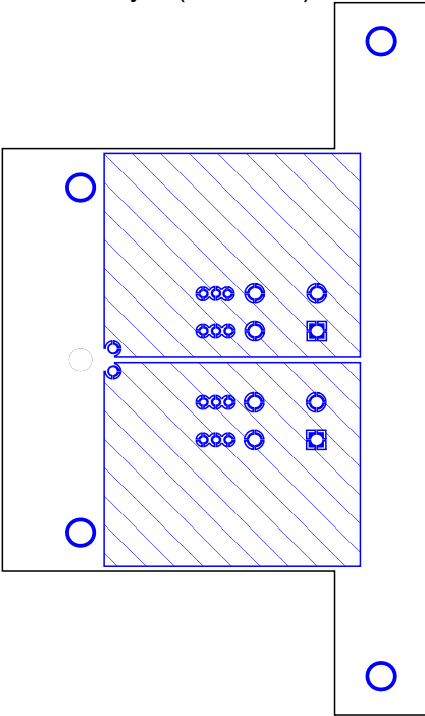
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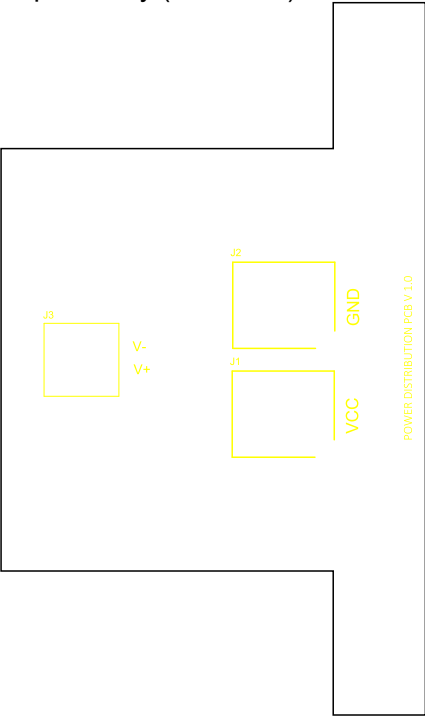
Top Layer (Scale 1:1)



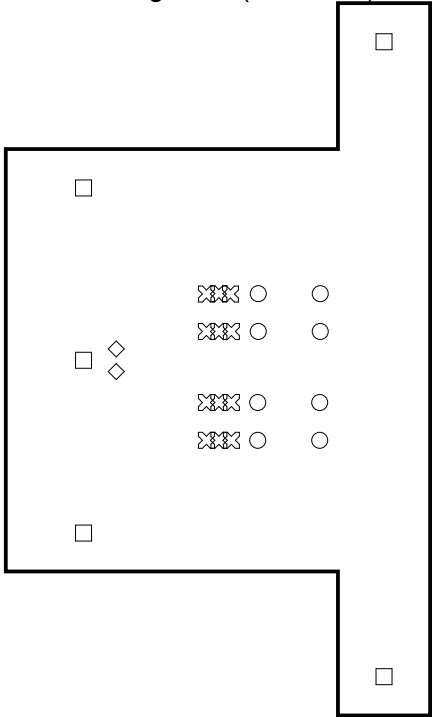
Bottom Layer (Scale 1:1)



Top Overlay (Scale 1:1)



Drill Drawing View (Scale 1:1)



Drill Table

Symbol	Count	Hole Size	Plated	Hole Tolerance
⊗	12	0.64mm	Plated	None
◇	2	1.02mm	Plated	None
○	8	1.35mm	Plated	None
□	5	3.00mm	Plated	None
27 Total				

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NEXT ASSY	USED ON	FINISH						
APPLICATION		DO NOT SCALE DRAWING						
						SCALE: 1:1	WEIGHT:	SHEET 3 OF 4

A

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A

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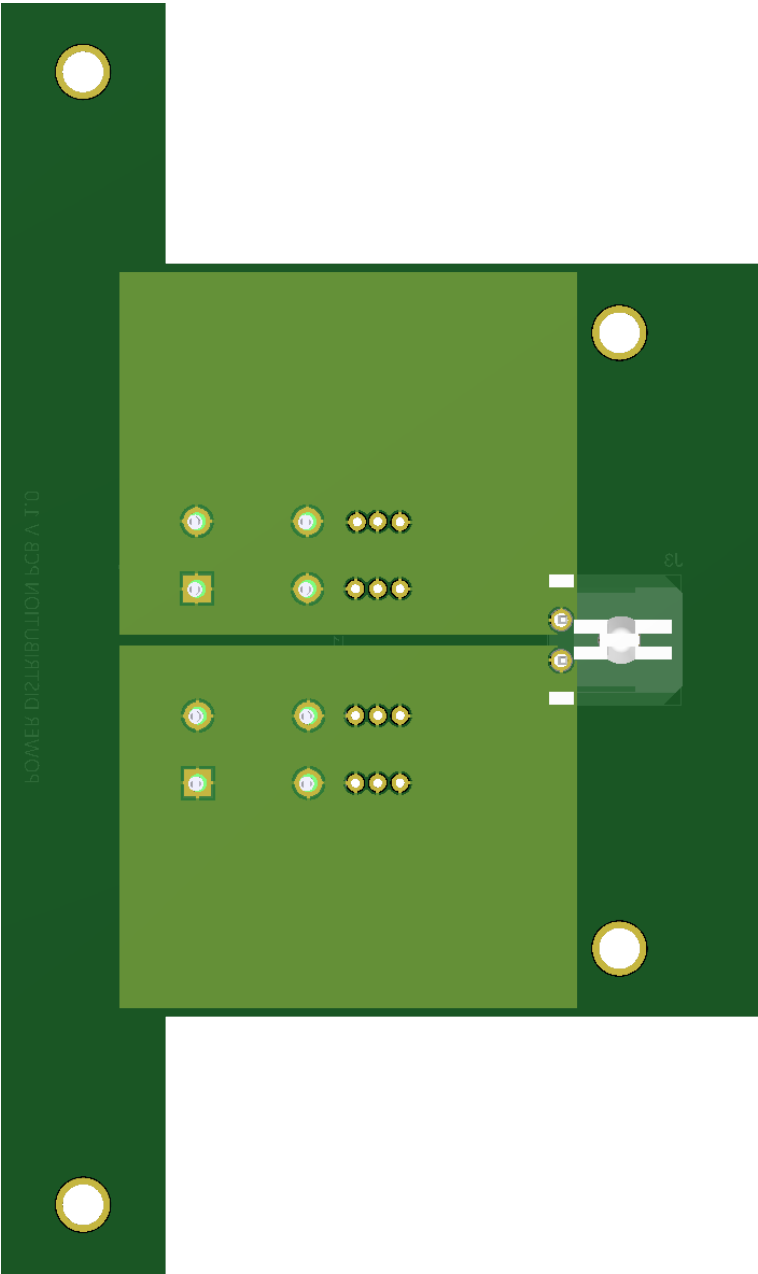
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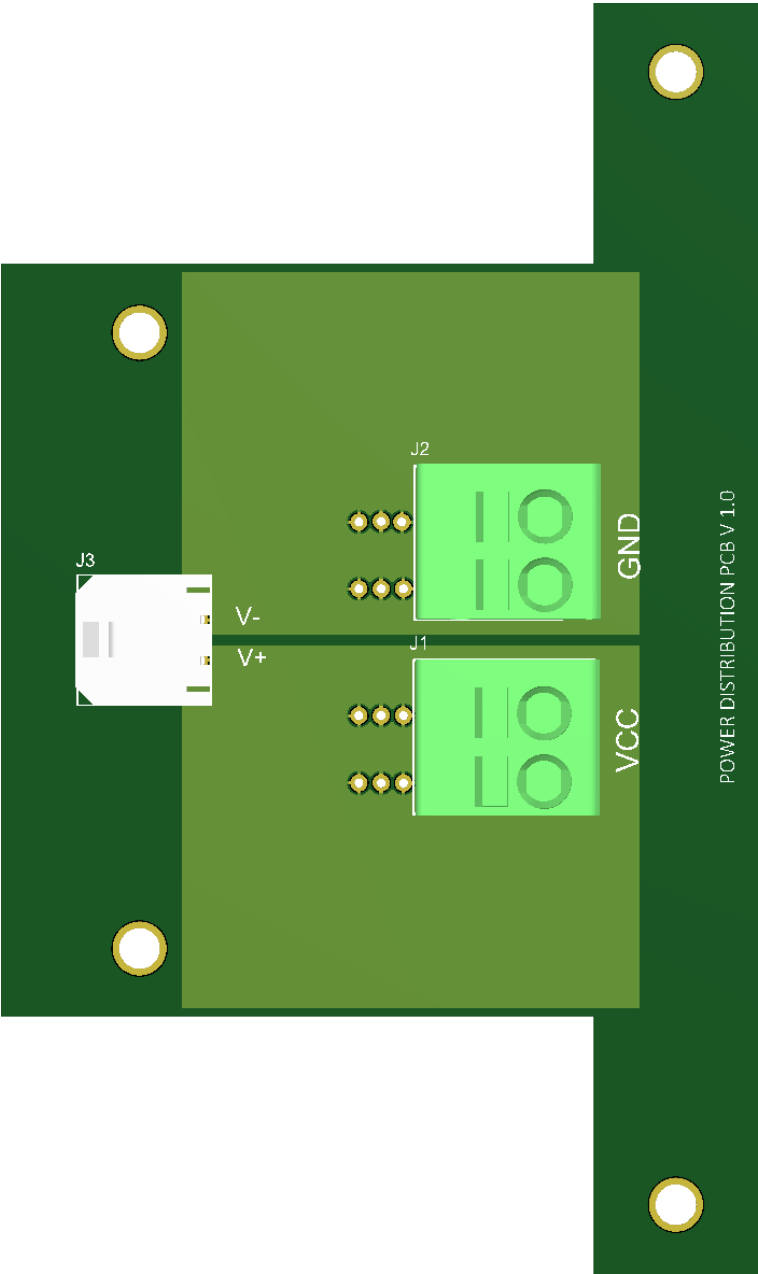
1

1

Realistic View



Realistic View



2

2

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		FINISH						
NEXT ASSY	USED ON							
APPLICATION		DO NOT SCALE DRAWING				SCALE: 1:1	WEIGHT:	SHEET 4 OF 4

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