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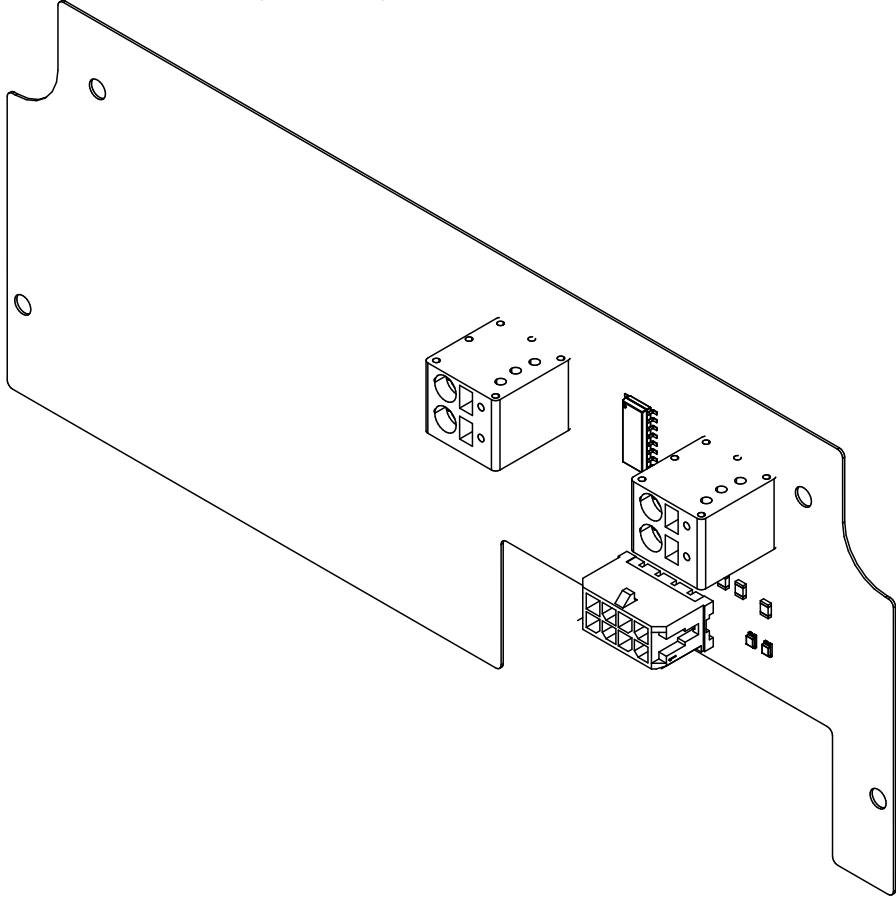
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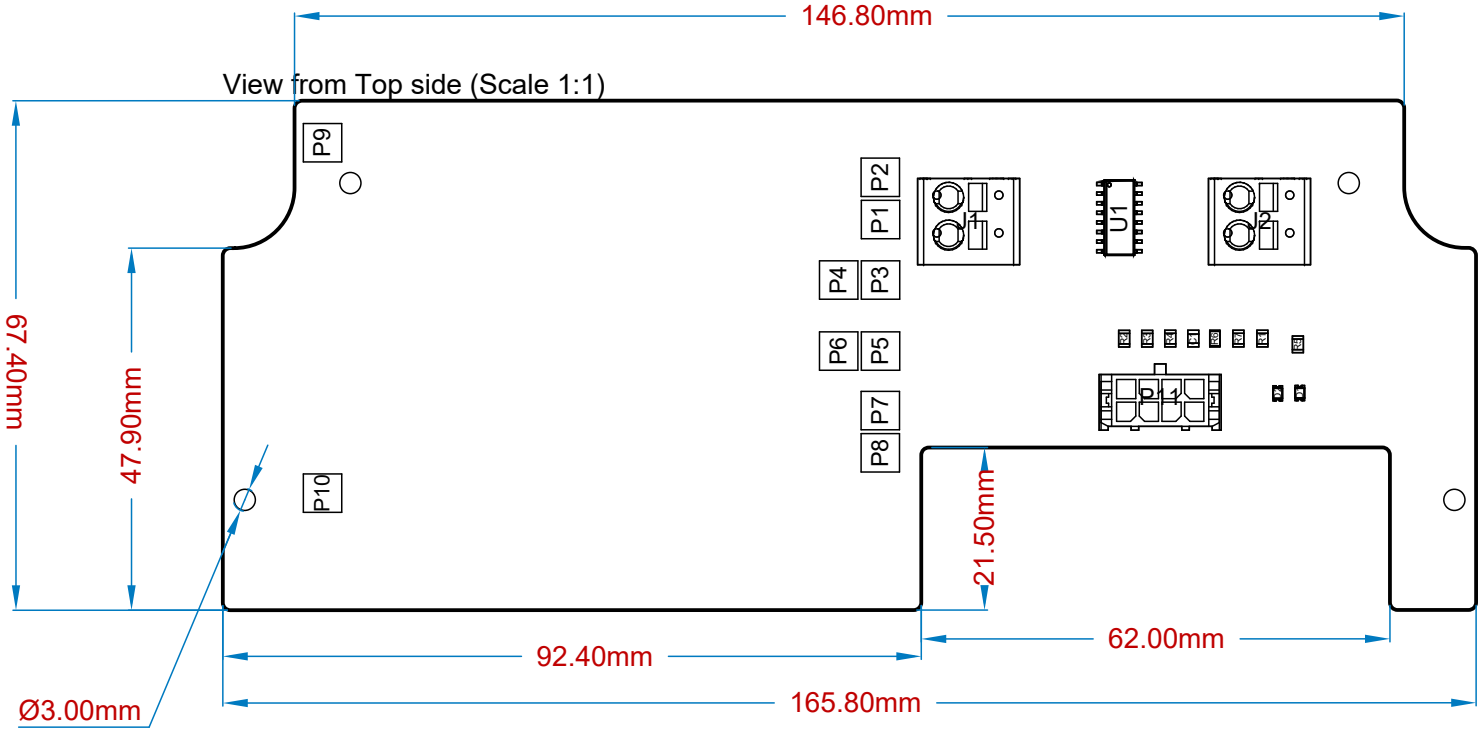
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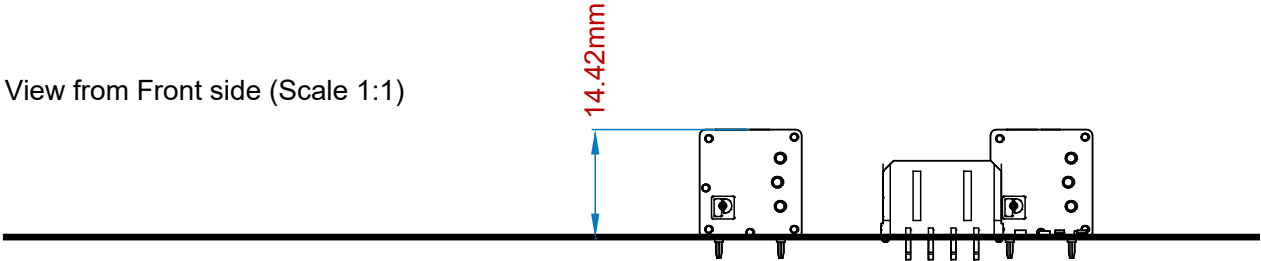
View from Top side (Scale 1:1)



View from Top side (Scale 1:1)



View from Front side (Scale 1:1)



2

2

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		DIMENSIONS ARE IN INCHES	DRAWN	Darvesh	21/10/2020	TITLE		
		TOLERANCES:	CHECKED	D.V				
		FRACTIONAL±	ENG APPR.	D.V				
		ANGULAR: MACH± BEND ±	MFG APPR.	Weller PCB				
		TWO PLACE DECIMAL ±	Q.A.			MotorDriver PCB		
		THREE PLACE DECIMAL ±	COMMENTS:					
		INTERPRET GEOMETRIC TOLERANCING PER:				SIZE	DWG. NO.	
		MATERIAL					1	
		FINISH				SCALE: 1:1	WEIGHT:	SHEET 1 OF 4
NEXT ASSY	USED ON	DO NOT SCALE DRAWING						
APPLICATION								

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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
1	C1	08055C333JAT2A	1
2	D1	150080BS75000	1
3	D2	150080GS75000	1
4	J1, J2	1991095	2
5	P1, P2, P3, P4, P5, P6, P7, P8, P9, P10	SLW-102-01-G-D	10
6	P11	43045-0812	1
7	R1, R2, R3, R4, R5	ERA6AEB102V	5
8	R6	ERA-6AEB103V	1
9	R7	ERJ-6ENF1501V	1
10	U1	VNH7070ASTR	1

Cable Assembly: Molex 45132-0801 ( x1 )

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		DIMENSIONS ARE IN INCHES	DRAWN	Darvesh	21/10/2020	MotorDriver PCB		
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		ANGULAR: MACH± BEND ±	MFG APPR.	Weller PCB				
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		THREE PLACE DECIMAL ±	COMMENTS:			SIZE	DWG. NO. 1	
		INTERPRET GEOMETRIC TOLERANCING PER:						
		MATERIAL						
NEXT ASSY	USED ON	FINISH						
APPLICATION		DO NOT SCALE DRAWING				SCALE: 1:1	WEIGHT:	SHEET 2 OF 4

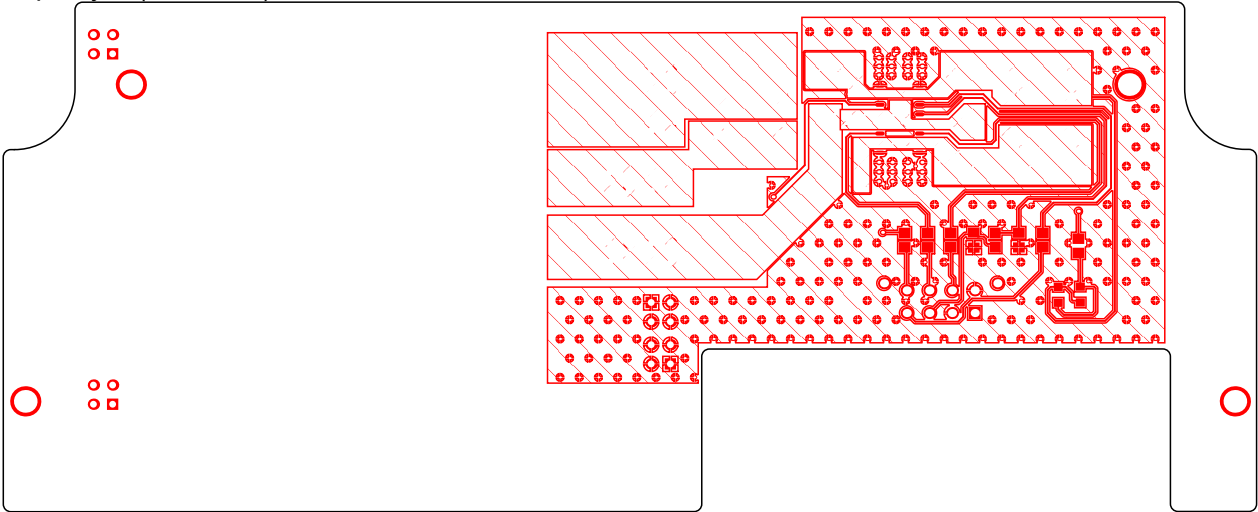
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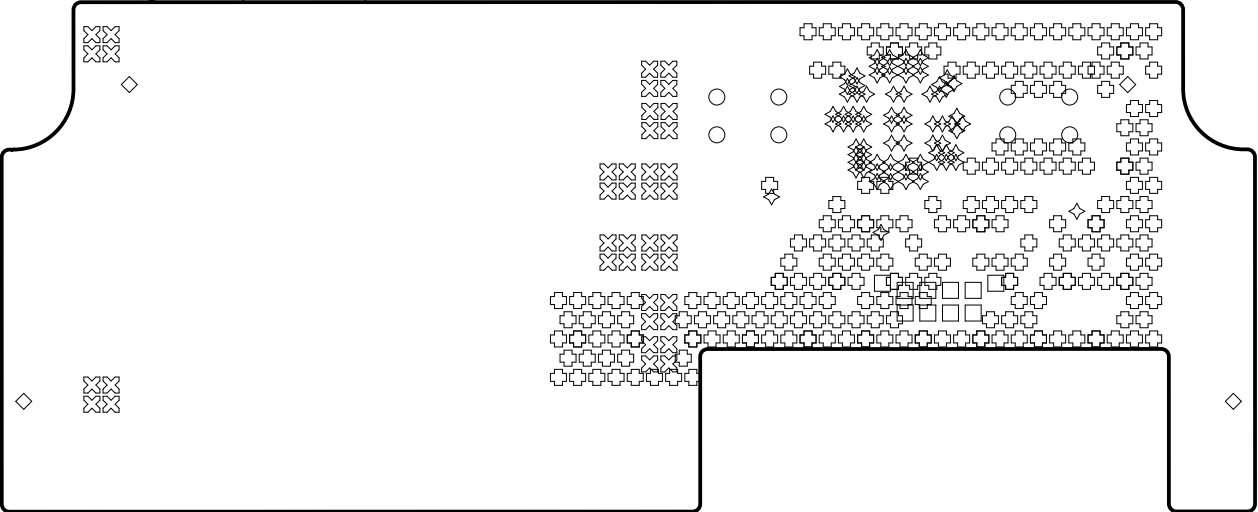
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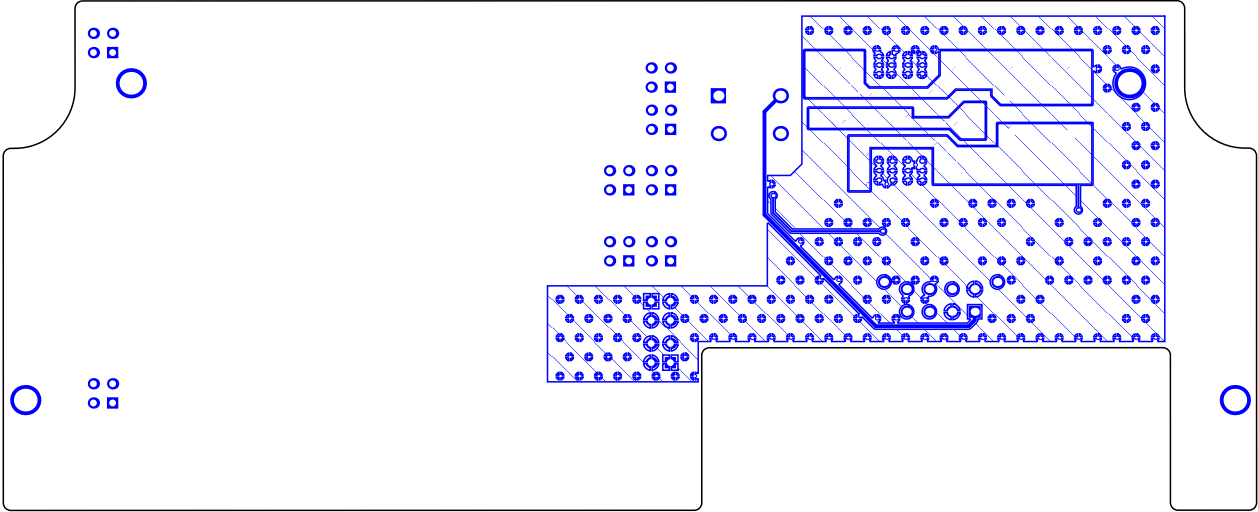
Top Layer (Scale 1:1)



Drill Drawing View (Scale 1:1)



Bottom Layer (Scale 1:1)



Drill Table

Symbol	Count	Hole Size	Plated	Hole Tolerance
⊕	239	0.25mm	Plated	None
◇	78	0.38mm	Plated	None
⊗	40	0.90mm	Plated	None
□	10	1.07mm	Plated	None
○	8	1.35mm	Plated	None
◇	4	3.00mm	Plated	None
379 Total				

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		TWO PLACE DECIMAL ±	Q.A.					
		THREE PLACE DECIMAL ±	COMMENTS:			SIZE DWG. NO. 1		
		INTERPRET GEOMETRIC TOLERANCING PER:						
		MATERIAL				SCALE: 1:1 WEIGHT: SHEET 3 OF 4		
NEXT ASSY	USED ON	FINISH						
APPLICATION		DO NOT SCALE DRAWING						

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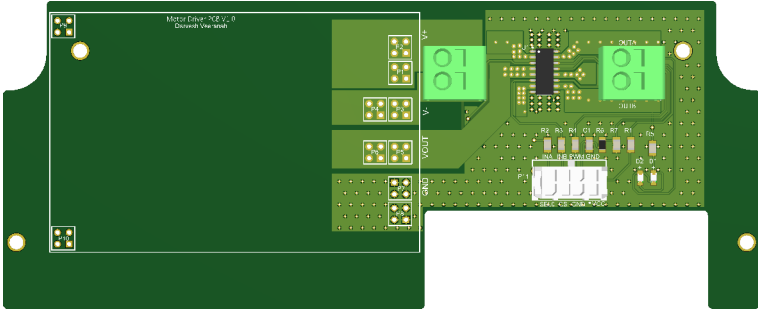
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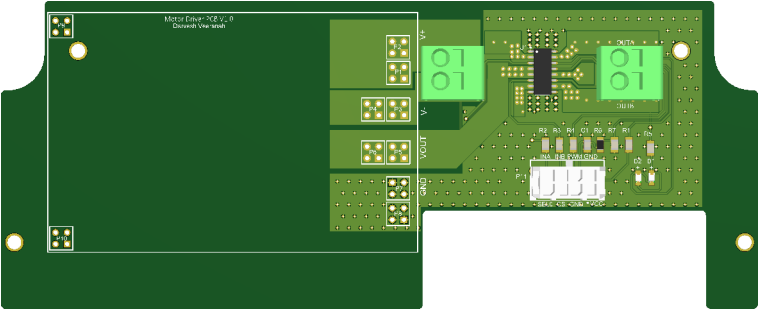
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Realistic View



Realistic View



P1, P2, P3, P4, P5, P6, P7, P8, P9, P10: Part Number SLW-102-01-G-D

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		TWO PLACE DECIMAL ±				MotorDriver PCB		
		THREE PLACE DECIMAL ±						
		INTERPRET GEOMETRIC	Q.A.					
		TOLERANCING PER:	COMMENTS:					
		MATERIAL				SIZE	DWG. NO.	
							1	
NEXT ASSY	USED ON	FINISH						
APPLICATION		DO NOT SCALE DRAWING				SCALE: 1:1	WEIGHT:	SHEET 4 OF 4

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