

1

2

3

4

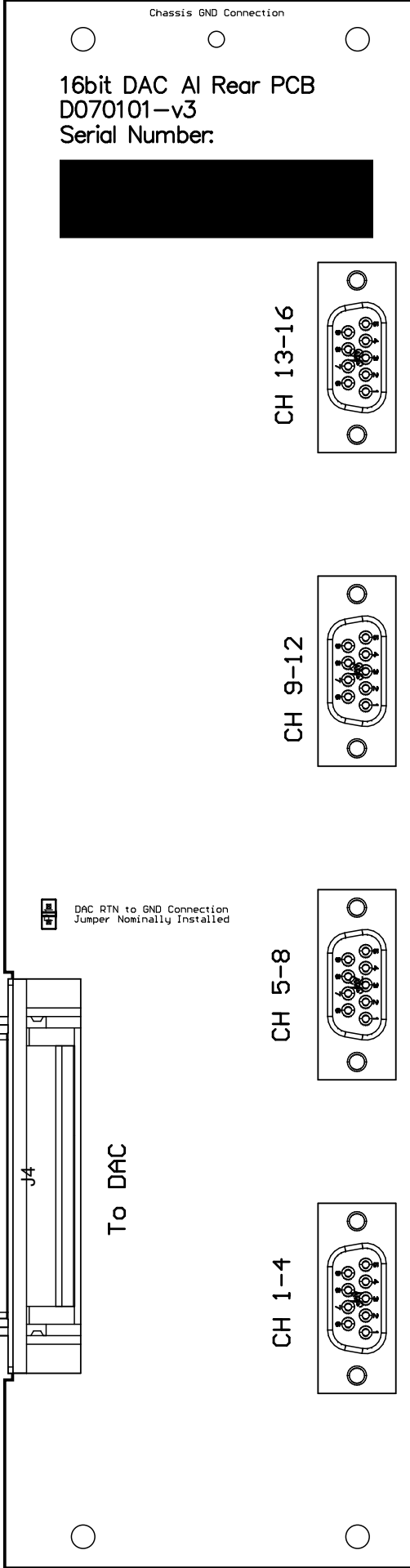
1

2

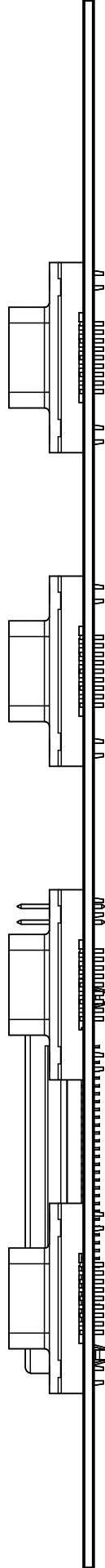
3

4

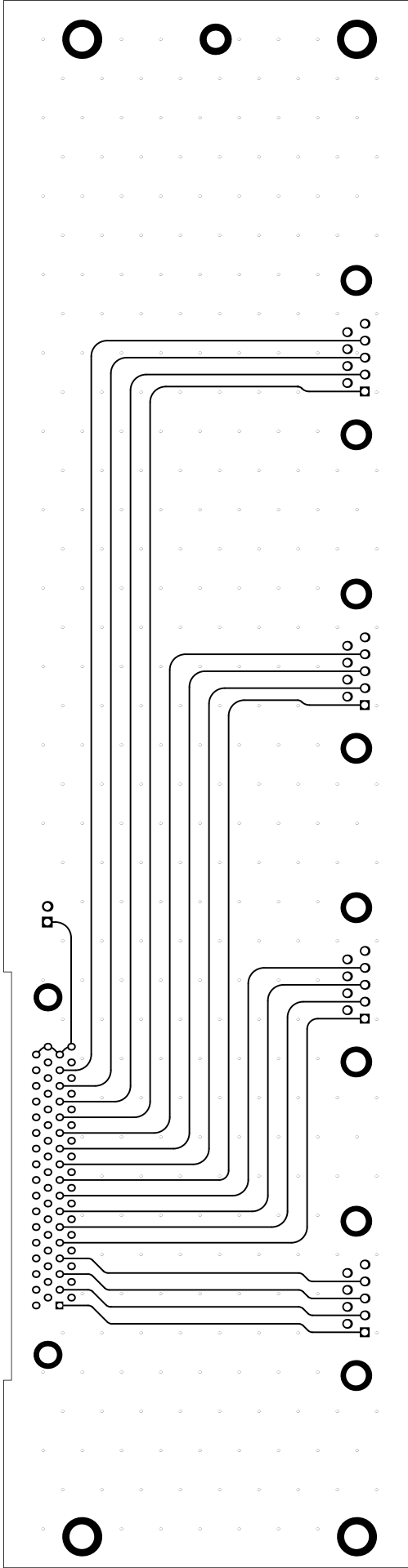
View from Top side (Scale 1:1)



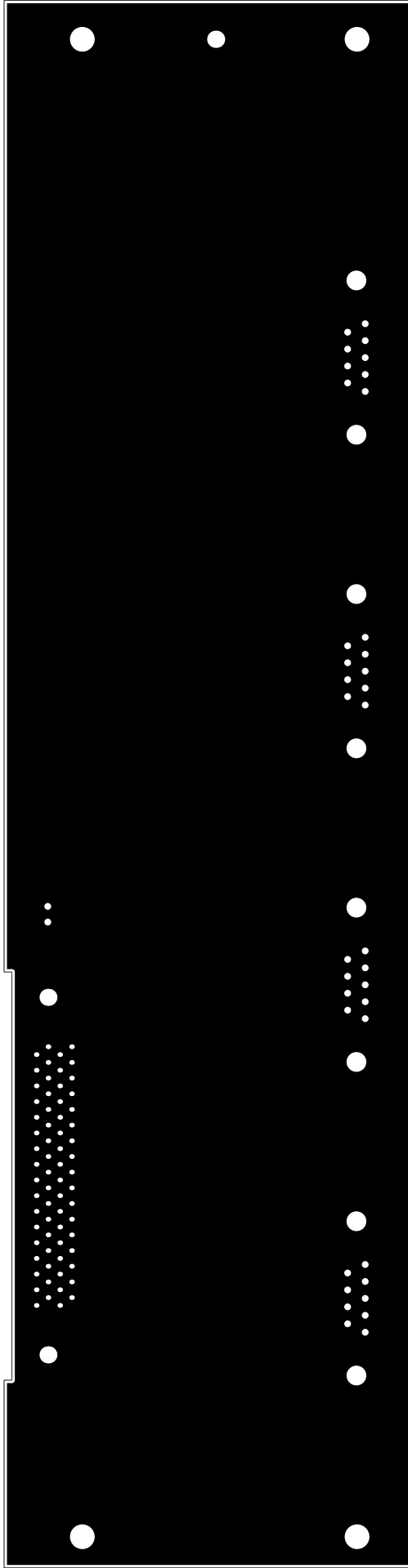
View from Right side (Scale 1:1)



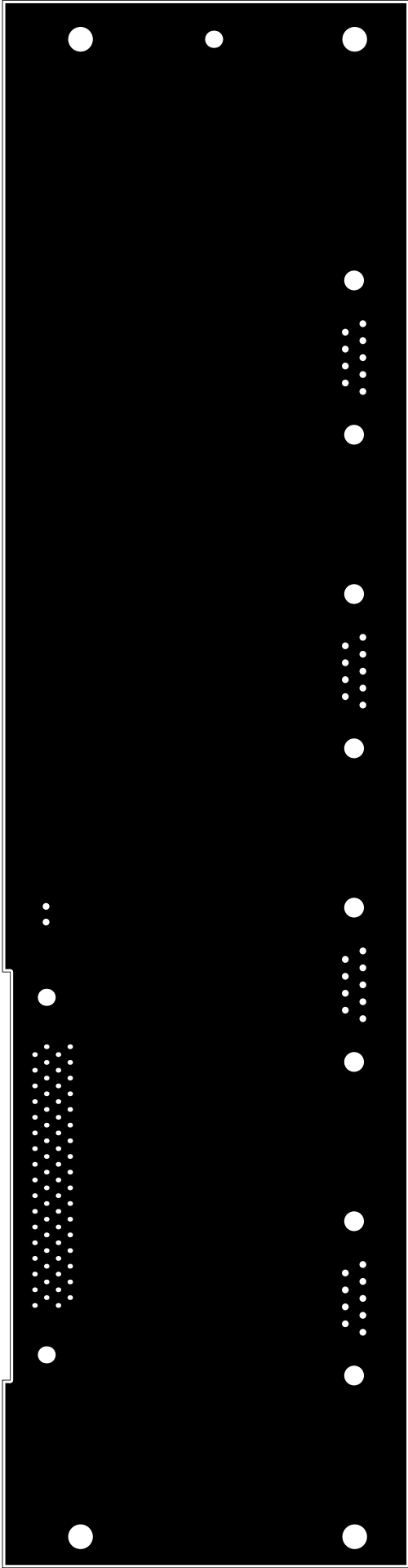
Top Layer (Scale 1:1)



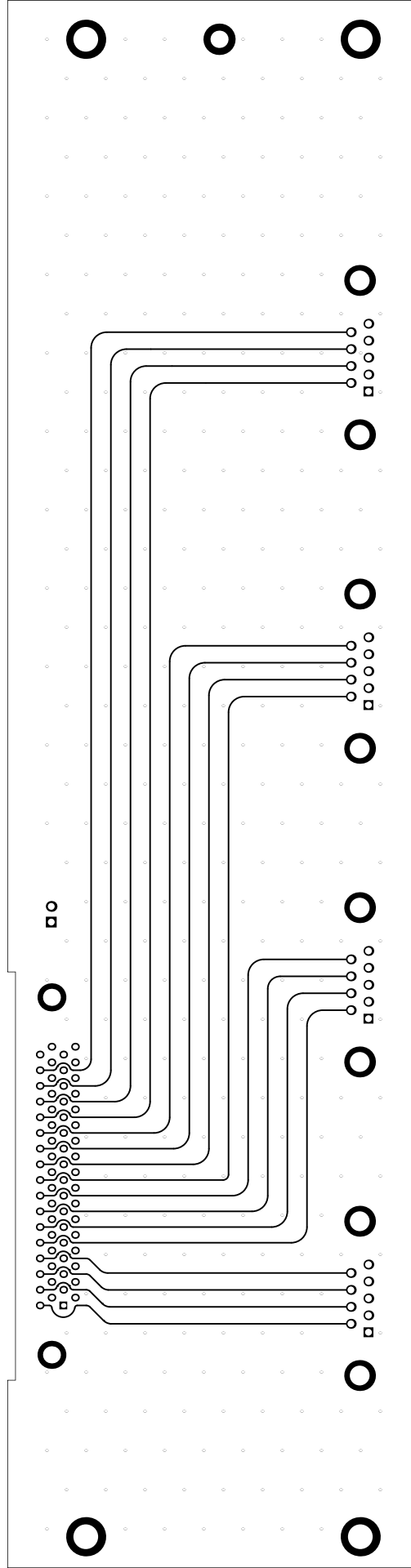
GND (Scale 1:1)



GND (Scale 1:1)

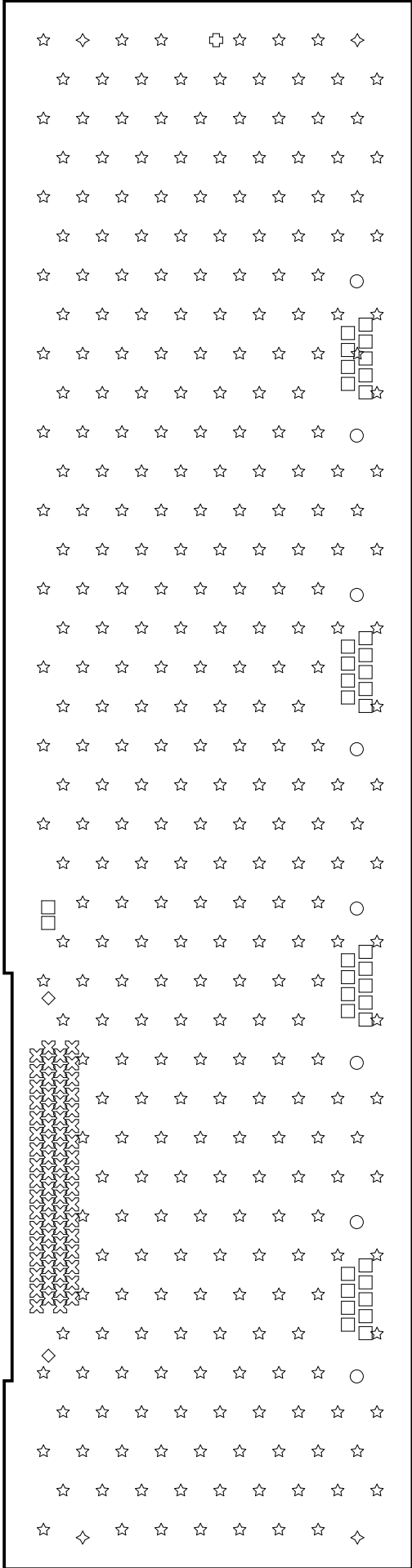


Bottom Layer (Scale 1:1)



Drill Table				
Symbol	Count	Hole Size	Plated	Hole Tolerance
☆	323	15.00mil	Plated	None
⊠	68	30.00mil	Plated	None
□	38	43.31mil	Plated	None
◇	2	109.06mil	Plated	None
⊕	1	110.00mil	Plated	None
○	8	125.98mil	Plated	None
◆	4	157.48mil	Plated	None
444 Total				

Drill Drawing View (Scale 1:1)



Layer Stack Legend

Material	Layer	Thickness	Dielectric Material	Type	Gerber
	Top Paste			Paste Mask	GTP
	Top Overlay			Legend	GTO
Surface Material	Top Solder	0.40mil	Solder Resist	Solder Mask	GTS
Copper	Top Layer	1.40mil		Signal	GTL
Prepreg		7.50mil	FR-4	Dielectric	
Copper	GND	1.40mil		Internal Plane	GP1
Prepreg		40.60mil	FR-4	Dielectric	
Copper	GND	1.40mil		Internal Plane	GP2
Prepreg		7.50mil	FR-4	Dielectric	
Copper	Bottom Layer	1.40mil		Signal	GBL
Surface Material	Bottom Solder	0.40mil	Solder Resist	Solder Mask	GBS
	Bottom Overlay			Legend	GBO
	Bottom Paste			Paste Mask	GBP

Total thickness: 62.00mil

Bill Of Materials

Line #	Designator	Comment	Quantity
1	J1, J2, J3, J5	D9F	4
2	J4	787082-7	1
3	P1	Header 2	1

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PROPRIETARY AND CONFIDENTIAL

		UNLESS OTHERWISE SPECIFIED:		NAME	DATE	LIGO		
		DIMENSIONS ARE IN INCHES	DRAWN	Dean Schaezel	1/7/2020	TITLE A+ DAC AI Interface Board		
		TOLERANCES:	CHECKED					
		FRACTIONAL±	ENG APPR.					
		ANGULAR: MACH± BEND ±	MFG APPR.					
		TWO PLACE DECIMAL ±	Q.A.					
		THREE PLACE DECIMAL ±	COMMENTS:			SIZE DWG. NO. D070101v2		
		INTERPRET GEOMETRIC TOLERANCING PER:						
		MATERIAL						
NEXT ASSY	USED ON	FINISH				SCALE: 1:1 WEIGHT: SHEET 1 OF 1		
APPLICATION		DO NOT SCALE DRAWING						