Name	kogh23yu.zip	Id.	9737 - QED OK
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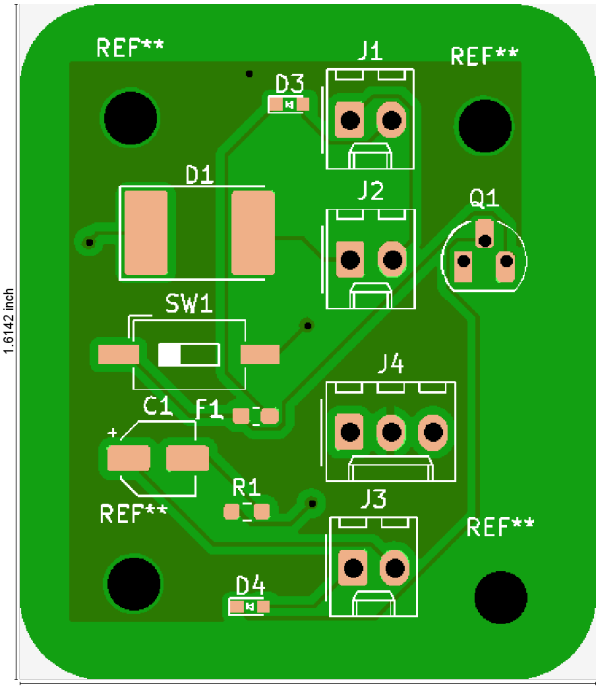
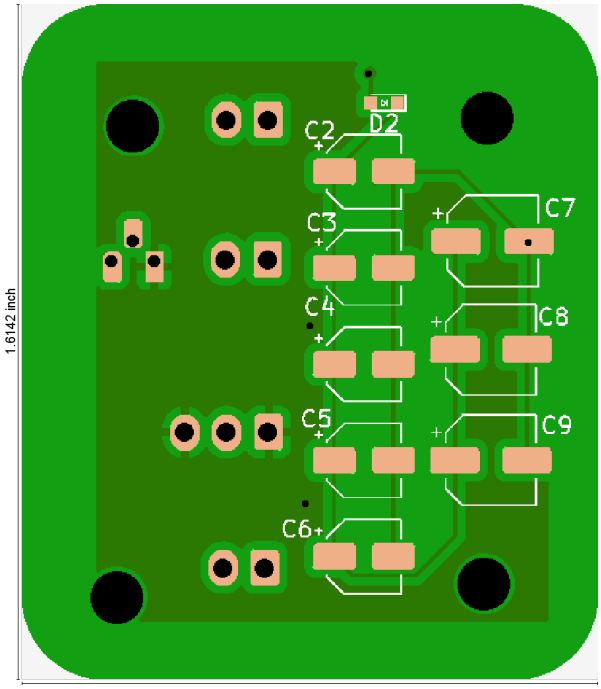
Single PCB View - Original

Top View



Bottom View



Summary - General - Original

PCB Size	1.378 inch x 1.614 inch	Customer Panel Size	
PCB Thickness	62.992 mil	Max. Aspect Ratio on PTH	4.0
Copper Layers	2	Pressing Stages	1
Surface Finish	None	Drill Hole Density	9 Holes/inch^2
Solder Mask	Both	Testable Points	53
Solder Mask Color	Green	Min. SMD/BGA Size	31.5 mil
Legend	Both	Via in Pad	Yes
Legend Color	White	Stacked Vias	
Edge Connector Area	0 inch^2	Castellated	No
Peeloff Mask	No	Anomalies	No
Carbon Mask	No		

Summary - Copper Layer Minima - Original

Type	Copper Width	Critical Copper Width	Trace Width	Critical Trace Width	Copper to Copper Clr.	Trace to Trace Clr.	Same Net Clr.	Ring	Copper to Plated Clr.	Copper to NPTH Clr.	Copper to Outline Clr.
	mil	mil	mil	mil	mil	mil	mil	mil	mil	mil	mil
Outer	1 8.80	2 8.80	3 9.84	4 9.84	5 7.87	6 7.87	7 19.68	8 6.02	9 18.11	10 9.86	>64.00

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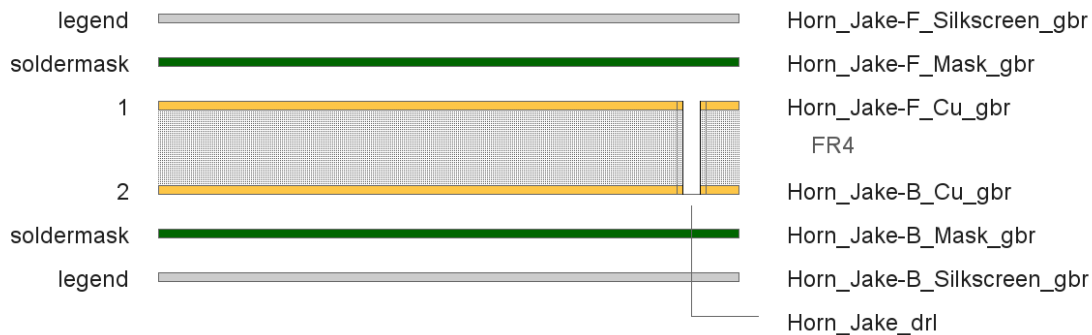
Summary - Sequences - Original

Type	Sequences	Tools	Min. End Dia.	Max. End Dia.	Holes	Routs	Ring on Outer	Ring on Inner	Hole to Copper Clr.
			mil	mil			mil	mil	mil
PTH	1	3	15.75	46.85	16	0	6.02		18.11
NPTH	1	1	125.98	125.98	4	0	>32.00		9.86
Total	2	4	15.75	125.98	20	0	6.02		9.86

Solder Mask - Original

Side	Mask to Mask Clr.	Web	Ring on Cu Defined Pads	Ring on SM Defined Pads	Mask to Copper Clr.	Mask Opening	Fully Covered Via Holes	Partly Covered Via Holes	One Side Covered Vias	Both Sides Covered Vias	No Side Covered Vias
	mil	mil	mil	mil	mil	mil					
Top	>10.00	>10.00	>10.00	>10.00	7.87	31.50	Yes	No			
Bottom	>10.00	>10.00	>10.00	>10.00	7.87	31.50	Yes	No			
Both	>10.00	>10.00	>10.00		7.87	31.50	Yes	No	Yes	Yes	No

Stackup - Original



Pressing Stages	1

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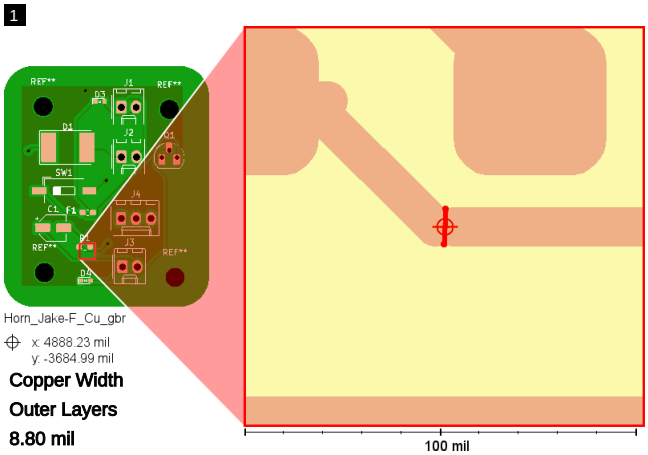
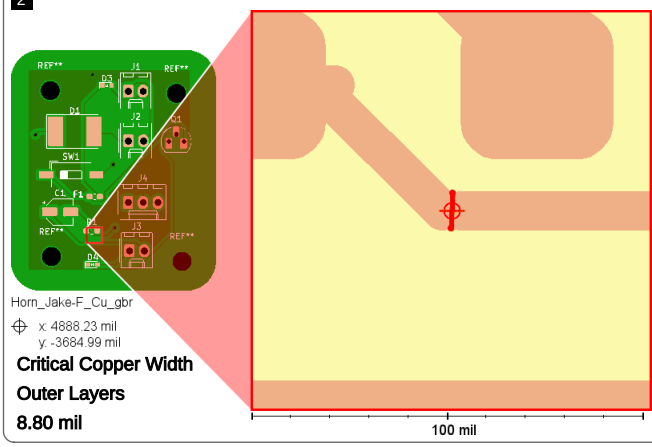
Summary Minimum Design Characteristics - Locations - Original

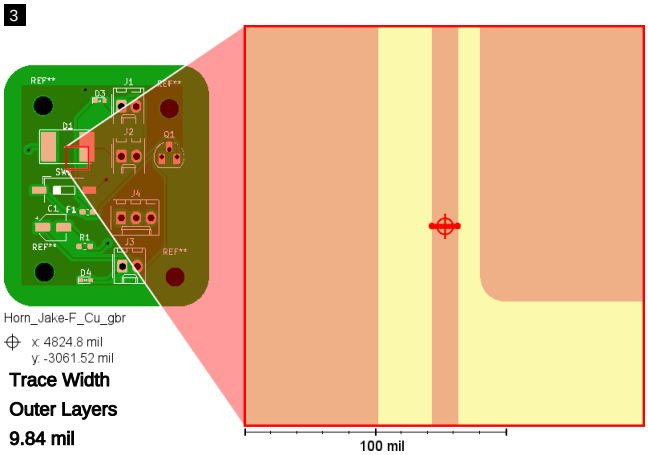
1



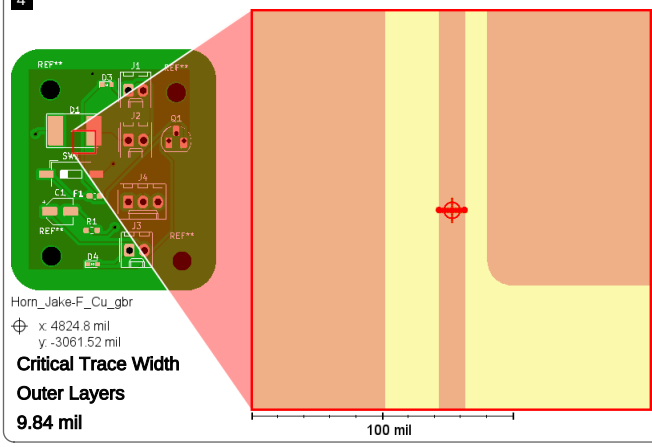
2



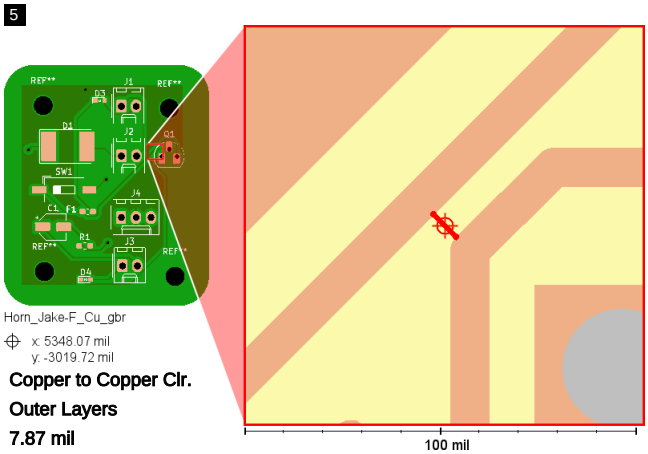
3



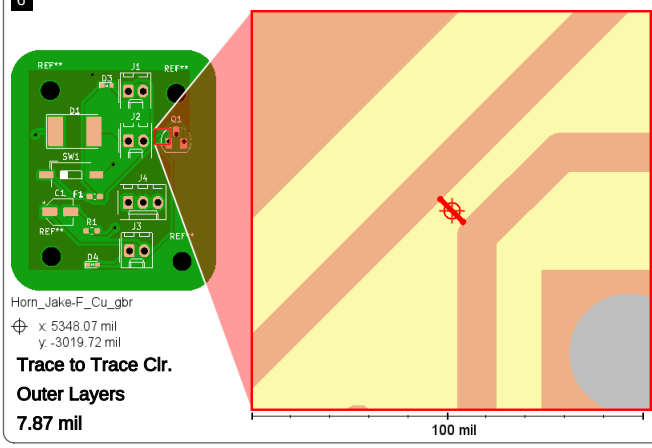
4



5



6



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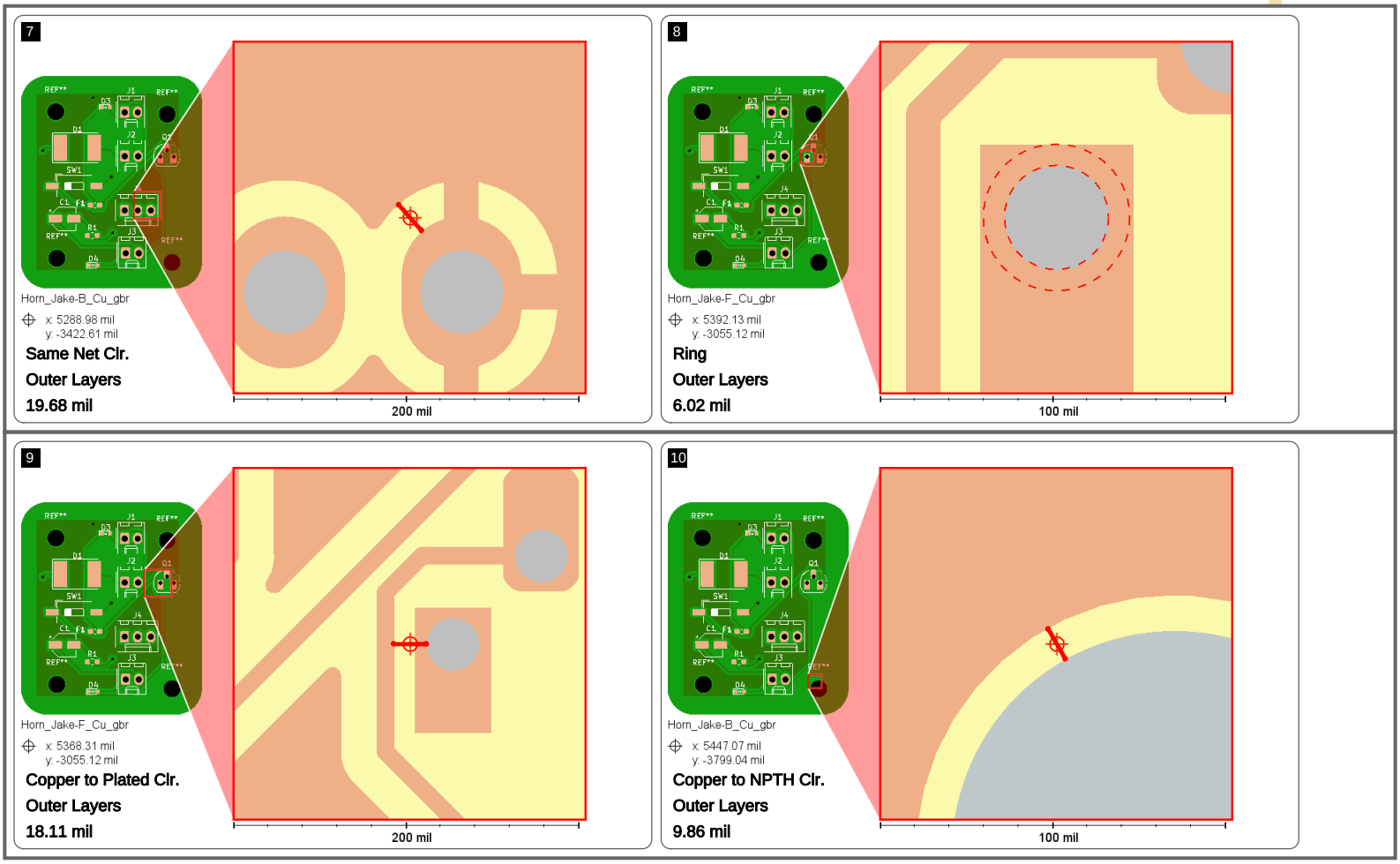

Copper Layer Minima & Area - Original

File	Pos.	Copper Width	Critical Copper Width	Trace Width	Critical Trace Width	Copper to Copper Clr.	Same Net Clr.	Copper Area	
		mil	mil	mil	mil	mil	mil	inch^2	%
Horn_Jake-F_Cu_gbr	1	8.80	8.80	9.84	9.84	7.87	19.69	0.8507	39
Horn_Jake-B_Cu_gbr	2	9.84	9.84	9.84	9.84	7.87	19.68	0.9134	42

Copper Layer Minima - Copper to Drill Minima - Original

File	Pos.	Ring					Copper to Drill Clr.		Copper to Outline Clr.			
		Overall	Via	Laser Via	Comp.	Mech.	Plated	NPTH	Overall	to Pad	to Trace	to Region
		mil	mil	mil	mil	mil	mil	mil	mil	mil	mil	mil
Horn_Jake-F_Cu_gbr	1	6.02	7.87		6.02		18.11	9.86	>64.00	>64.00	>64.00	>64.00
Horn_Jake-B_Cu_gbr	2	6.02	7.87		6.02		25.94	9.86	>64.00	>64.00	>64.00	>64.00

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Drill Tools - Original

File	Tool Nr.	Span	Type	Function	Method	Filled Via	Counter	Dia.	Tol. -	Tol. +	Holes in PCB	Routs in PCB	Double Hits	Predrill Hits
								mil	mil	mil				
Horn_Jake_drl	1	1-2	PTH	via	mech.	unknown	unknown	15.75	0.00	0.00	4	0	0	0
Horn_Jake_drl	2	1-2	PTH	comp.	mech.	unknown	unknown	29.53	0.00	0.00	3	0	0	0
Horn_Jake_drl	3	1-2	PTH	comp.	mech.	unknown	unknown	46.85	0.00	0.00	9	0	0	0
Horn_Jake_drl	4	1-2	NPTH	mech.	mech.	unknown	unknown	125.98	0.00	0.00	4	0	0	0

Drill Tools - Drill vs Copper - Original

File	Tool Nr.	Span	Type	Function	Method	Dia.	Ring on Outer	Ring on Inner	Min. Pad Size	Via in Pad	Plated to Copper Clr.			
											Overall	to Pad	to Trace	to Region
						mil	mil	mil	mil		mil	mil	mil	mil
Horn_Jake_drl	1	1-2	PTH	via	mech.	15.75	7.87		31.49	1	27.89	>32.00	>32.00	27.89
Horn_Jake_drl	2	1-2	PTH	comp.	mech.	29.53	6.02		41.57		18.11	25.94	18.11	26.04
Horn_Jake_drl	3	1-2	PTH	comp.	mech.	46.85	10.83		68.51		18.70	>32.00	18.70	30.85
Horn_Jake_drl	4	1-2	NPTH	mech.	mech.	125.98	>32.00							

Sequences - Original

Span	Type	Tools	Min. End Dia.	Max. End Dia.	Holes	Ring on Outer	Ring on Inner	Hole to Copper Clr.	Hole to Outline Clr.	Slot to Outline Clr.
			mil	mil		mil	mil	mil	mil	mil
1-2	PTH	3	15.75	46.85	16	6.02		18.11	157.48	>256.00
1-2	NPTH	1	125.98	125.98	4	>32.00		9.86	133.86	>256.00
All	All	4	15.75	125.98	20	6.02		9.86	133.86	>256.00

Rout Tools - Original

File	Tool Nr.	Type	Tool Dia.	End Dia.	Rout Length	Nibble Count
			mil	mil	mil	

Routed Holes - Original

File	Hole Nr.	Instances	X Size	Y Size	Rout Length	Nibble Count
			mil	mil	mil	

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Files - Original

Initial	Renamed	Function	Position	Color	Thickness	
					Base	Finished
					mil	mil
Horn_Jake-F_Paste.gbr		paste	top			
Horn_Jake-F_Silkscreen.gbr		silk	top	white	unknown	unknown
Horn_Jake-F_Mask.gbr		mask	top	green	unknown	unknown
Horn_Jake-F_Cu.gbr		outer	1		unknown	unknown
Horn_Jake-B_Cu.gbr		outer	2		unknown	unknown
Horn_Jake-B_Mask.gbr		mask	bottom	green	unknown	unknown
Horn_Jake-B_Silkscreen.gbr		silk	bottom	white	unknown	unknown
Horn_Jake-B_Paste.gbr		paste	bottom			
Horn_Jake.drl		mixed	1-2			
Horn_Jake-Edge_Cuts.gbr		cad_outline	none			

Input Remarks - Original

Gerber import: Invalid coincident draw, continuing without cleanup 'Horn_Jake-B_Cu.gbr'

Gerber import: Self-intersecting contours are detected, continuing with an interpretation of the contours. 'Horn_Jake-B_Cu.gbr' (at line 1634)

Gerber import: Invalid coincident draw, continuing without cleanup 'Horn_Jake-F_Cu.gbr'

Gerber import: Self-intersecting contours are detected, continuing with an interpretation of the contours. 'Horn_Jake-F_Cu.gbr' (at line 1751)

Comments - Original

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