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Single PCB View - Original

Top View	Bottom View
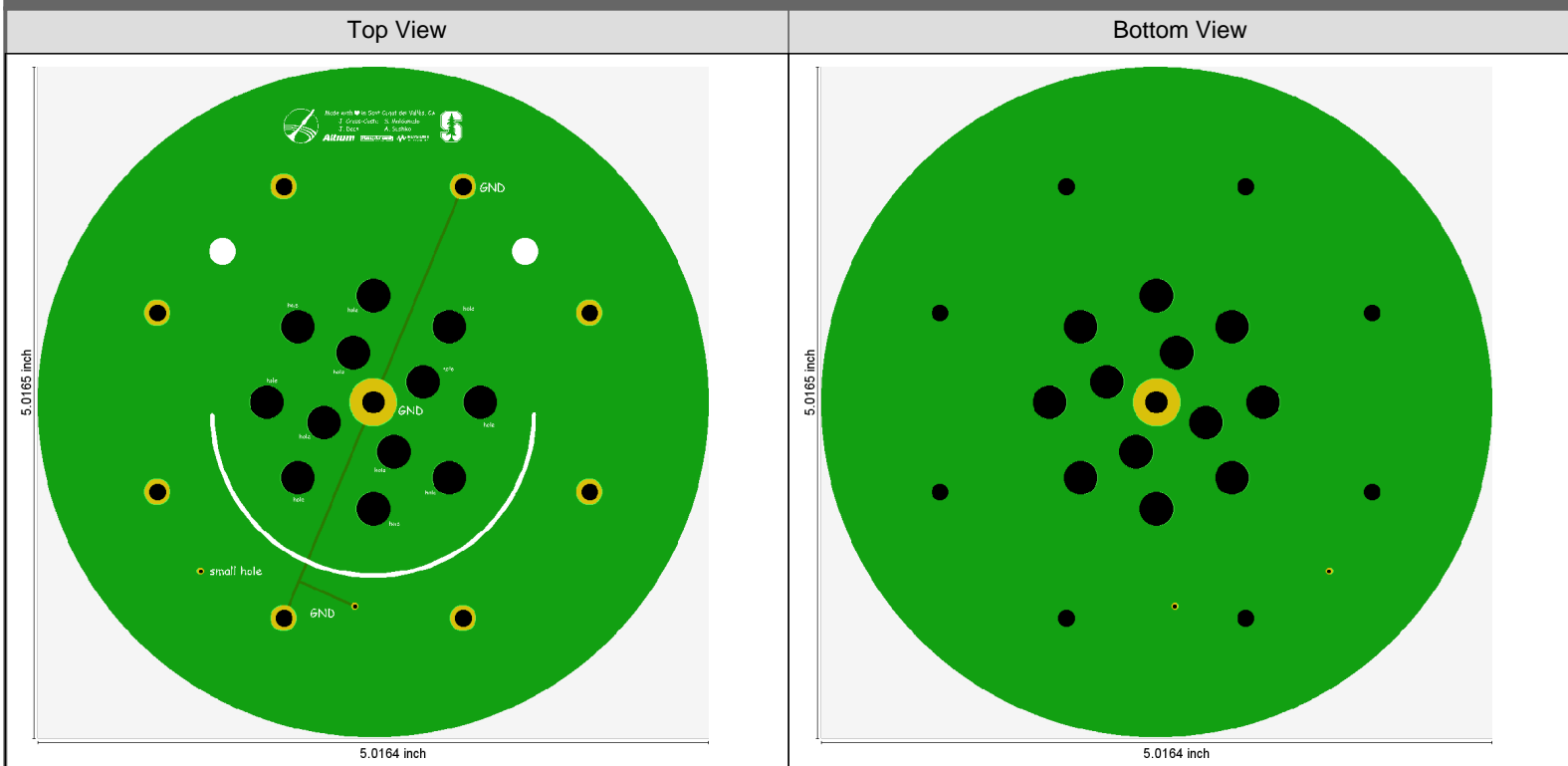
5.0164 inch

Summary - General - Original

PCB Size	5.0164 inch x 5.0165 inch	Surface Finish	unknown
PCB Thickness	62.00 mil	Max. Aspect Ratio on PTH	2.2
Customer Panel Size		Number of Nets	2
Copper Layers	2	Electrical Test	unknown
Solder Mask	Both	Drilled SMD Pads	No
Solder Mask Color	Green	SMD Pads Top	0
Legend	Top Only	SMD Pads Bottom	0
Legend Color	White	BGA Pads Top	0
Peeloff Mask	None	BGA Pads Bottom	0
Carbon Mask	None	Drill Hole Density	1 Holes/inch^2
Edge Connectors	No		

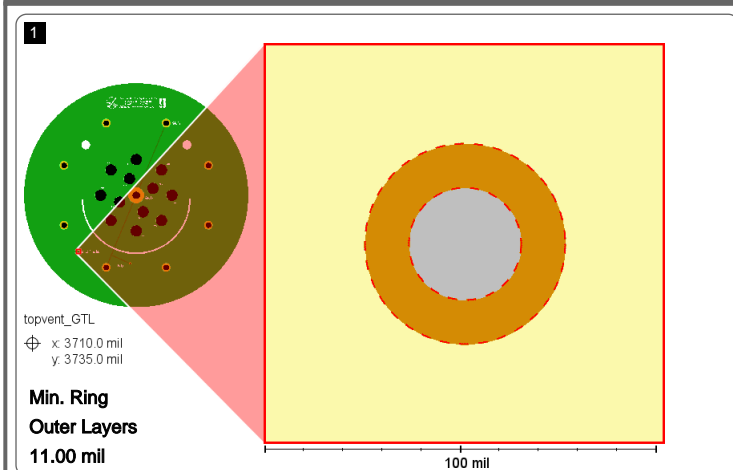## Summary - Copper Layers - Original

Layer Type	Min. Copper Width	Min. Critical Copper Width	Min. Trace Width	Min. Critical Trace Width	Min. Clr. Copper to Copper	Min. Clr. Trace to Trace	Min. Same Net Spacing	Min. 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	>16.00	>16.00	>16.00	>16.00	>32.00	>20.00	>20.00 [1]	11.00	>32.00	>64.00	>64.00

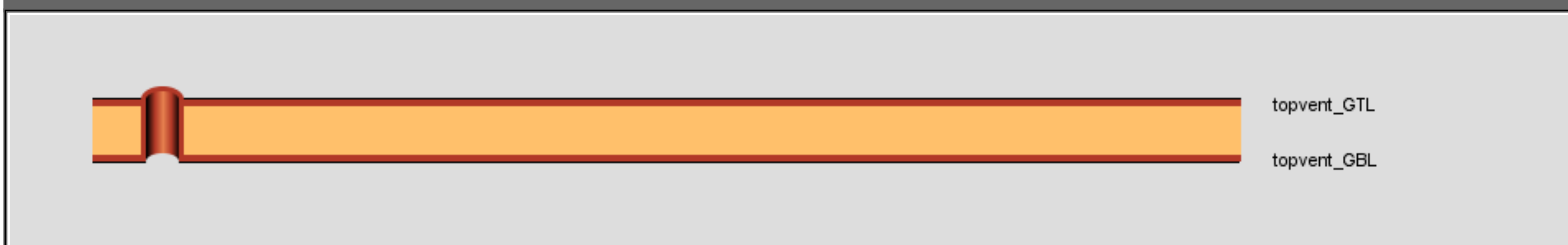| Name	togbm6xz.zip	Id.	28109 - QED OK
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Summary - Sequences - Original

Type	Sequences	Tools	Min. End Dia.	Max. End Dia.	Holes	Moves	Min. Ring on Outer	Min. Ring on Inner	Min. Clr. Hole to Copper
			mil	mil			mil	mil	mil
Blind	0								
Buried	0								
PTH	1	2	28.00	166.00	3	0	11.00		>32.00
Plated (Total)	1	2	28.00	166.00	3	0	11.00		>32.00
NPTH	1	2	125.00	250.00	20	0	>32.00		>64.00
Total	2	4	28.00	250.00	23	0	11.00		>64.00

Summary Minimum Design Characteristics - Locations - Original

topvent_GTL

x: 3710.0 mil
y: 3735.0 mil

Min. Ring
Outer Layers
11.00 mil

100 mil

Stackup - Original

topvent_GTL

topvent_GBL

Pressing Stages	1

Copper Layer Minima & Area - Original

File	Pos.	Min. Copper Width	Min. Critical Copper Width	Min. Trace Width	Min. Critical Trace Width	Min. Clr. Copper to Copper	Min. Clr. Trace to Trace	Min. Same Net Spacing	Min. Ring	Copper to Plated Clr.	Copper to NPTH Clr.	Copper to Outline Clr.	Copper Area	
		mil	mil	mil	mil	mil	mil	mil	mil	mil	mil	mil	inch^2	%
topvent_GTL	1	>16.00	>16.00	>16.00	>16.00	>32.00	>20.00	>20.00	11.00	>32.00	>64.00	>64.00	0.9856	5
topvent_GBL	2	>16.00	>16.00	>16.00	>16.00	>32.00	>20.00	>20.00	11.00	>32.00	>64.00	>64.00	0.6899	3

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Drill Tools - Original

File	Tool Nr.	Span	Type	Method	FilledVia	Countered	Dia.	Tol. Min	Tol. Plus	Holes (in PCB)	Moves (in PCB)	Double Hits (in File)	Predril l Hits (in File)	Min. Ring on Outer	Min. Ring on Inner	Min. Pad Size
							mil	mil	mil					mil	mil	mil
topvent_TXT	1	1-2	PTH	unknown	unknown	unknown	28.00	0.00	0.00	2	0	0	0	11.00		50.00
topvent_TXT	2	1-2	PTH	unknown	unknown	unknown	166.00	0.00	0.00	1	0	0	0	>32.00		>230.00
topvent_TXT	3	1-2	NPTH	unknown	unknown	unknown	125.00	0.00	0.00	8	0	0	0	>32.00		
topvent_TXT	4	1-2	NPTH	unknown	unknown	unknown	250.00	0.00	0.00	12	0	0	0	>32.00		

Some holes of the following NPTH drill tools hit functional copper: 3

Sequences - Original

Span	Type	Tools	Min. End Dia.	Max. End Dia.	Holes	Min. Ring on Outer	Min. Ring on Inner	Min. Clr. Hole to Copper	Min. Clr. Hole to Outline	Min. Clr. Slot to Outline
			mil	mil		mil	mil	mil	mil	mil
1-2	PTH	2	28.00	166.00	3	11.00		>32.00	>256.00	disabled
All	Plated	2	28.00	166.00	3	11.00		>64.00	>256.00	disabled
1-2	NPTH	2	125.00	250.00	20	>32.00		>64.00	>256.00	disabled
All	All	4	28.00	250.00	23	11.00		>64.00	>256.00	disabled

Rout Tools - Original

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

Routed Holes - Original

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

Solder Mask - Original

Side	Min. Ring on Cu Defined Pads	Min. Ring on SM Defined Pads	Min. Clr. Mask to Mask	Min. Web	Min. Clr. Mask to Copper	Fully Covered Via Holes	Partly Covered Via Holes	TH Via Holes Half Mask
	mil	mil	mil	mil	mil			
Top	4.00	>10.00	>10.00	>10.00	>10.00	No	No	
Bottom	4.00	>10.00	>10.00	>10.00	>10.00	No	No	
Both	4.00	>10.00	>10.00	>10.00	>10.00	No	No	No

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Files - Original
Integr8tor v2018.09-180907

Initial	Renamed	Format	Function	Position	Color
topvent.GTO	topvent_GTO	ger274x	silk	top	white
topvent.GTS	topvent_GTS	ger274x	mask	top	green
topvent.GTL	topvent_GTL	ger274x	outer	1	
topvent.GBL	topvent_GBL	ger274x	outer	2	
topvent.GBS	topvent_GBS	ger274x	mask	bottom	green
topvent.TXT	topvent_TXT	excellon2	mixed	1-2	
topvent.GBO	topvent_GBO	ger274x	empty	none	
topvent.GKO	topvent_GKO	ger274x	cad_outline	none	
topvent.GTP	topvent_GTP	ger274x	empty	none	
Bill_of_Materials-PCB_Project1.xlsx		extern	document		
Status_Report.Txt		text	document		
topvent-macro.APR_LIB		text	document		
topvent.DRR		text	document		
topvent.EXTREP		text	document		
topvent.LDP		text	document		
topvent.REP		text	document		
topvent.apr		text	document		

Input Remarks - Original

Gerber import: Self-intersecting contours are detected, continuing with an interpretation of the contours. 'topvent.GTO' (at line 26133)

Comments - Original