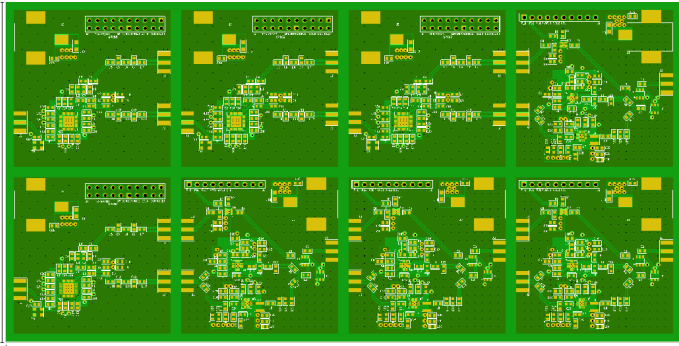
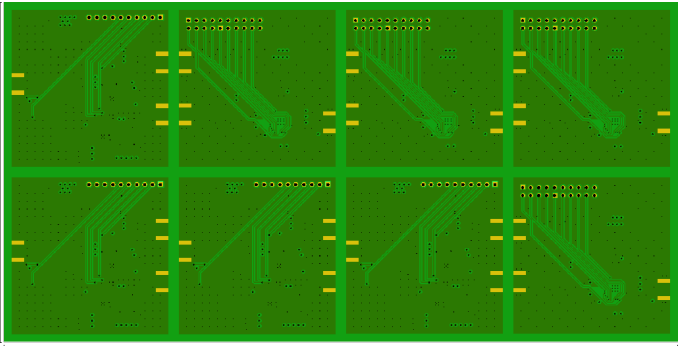


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Single PCB View - Original

Top View	Bottom View
 <p>8.4708 inch</p>	 <p>8.4708 inch</p>

Summary - General - Original

PCB Size	8.4708 inch x 4.2702 inch	Copper Layers	4
PCB Thickness	62.00 mil	Solder Mask	Both
Customer Panel Size		Solder Mask Color	Green
SMD Pads Top	1240	Legend	Top Only
SMD Pads Bottom	0	Legend Color	White
SMD Density Top	34 SMD/inch ²	Peeloff Mask	None
SMD Density Bottom	0 SMD/inch ²	Carbon Mask	None
Number of Nets	340	Drill Hole Density	44 Holes/inch ²
Electrical Test	Single Sided	Holes in SMD Pads	No
Max. Aspect Ratio on PTH	6.2	Edge Connectors	No
		Surface Finish	

Summary - Copper Layers - Original

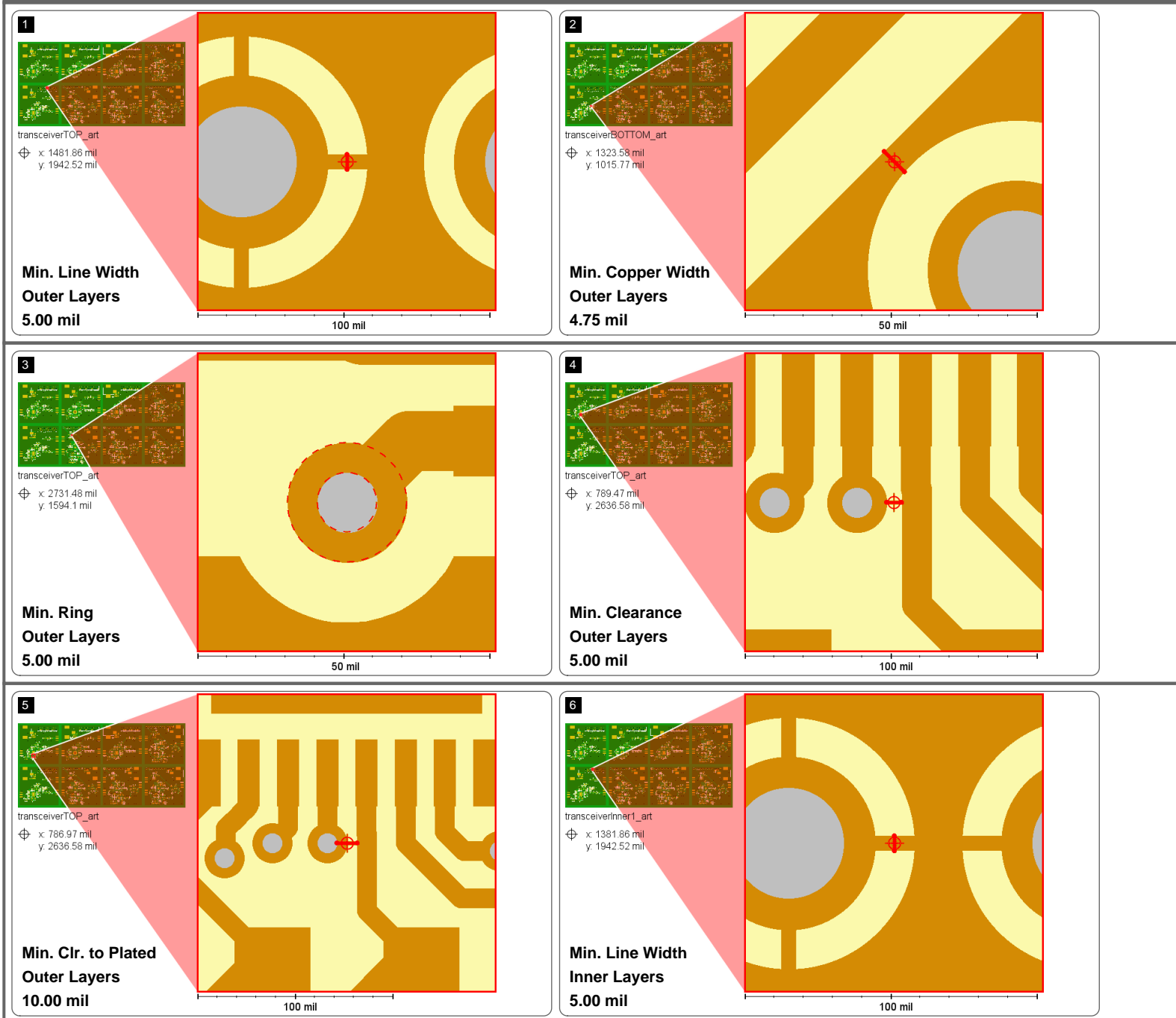
Layer Type	Min. Line Width	Min. Copper Width	Min. Ring	Min. Clr. to Copper	Min. Clr. to Plated Hole	Min. Clr. to NPTH	Min. Clr. to Outline
	mil	mil	mil	mil	mil	mil	mil
Outer	¹ 5.00	² 4.75	³ 5.00	⁴ 5.00	⁵ 10.00		>64.00
Inner	⁶ 5.00	⁷ 4.90	⁸ 5.00	⁹ 5.01	¹⁰ 10.01		>64.00

Summary - Sequences - Original

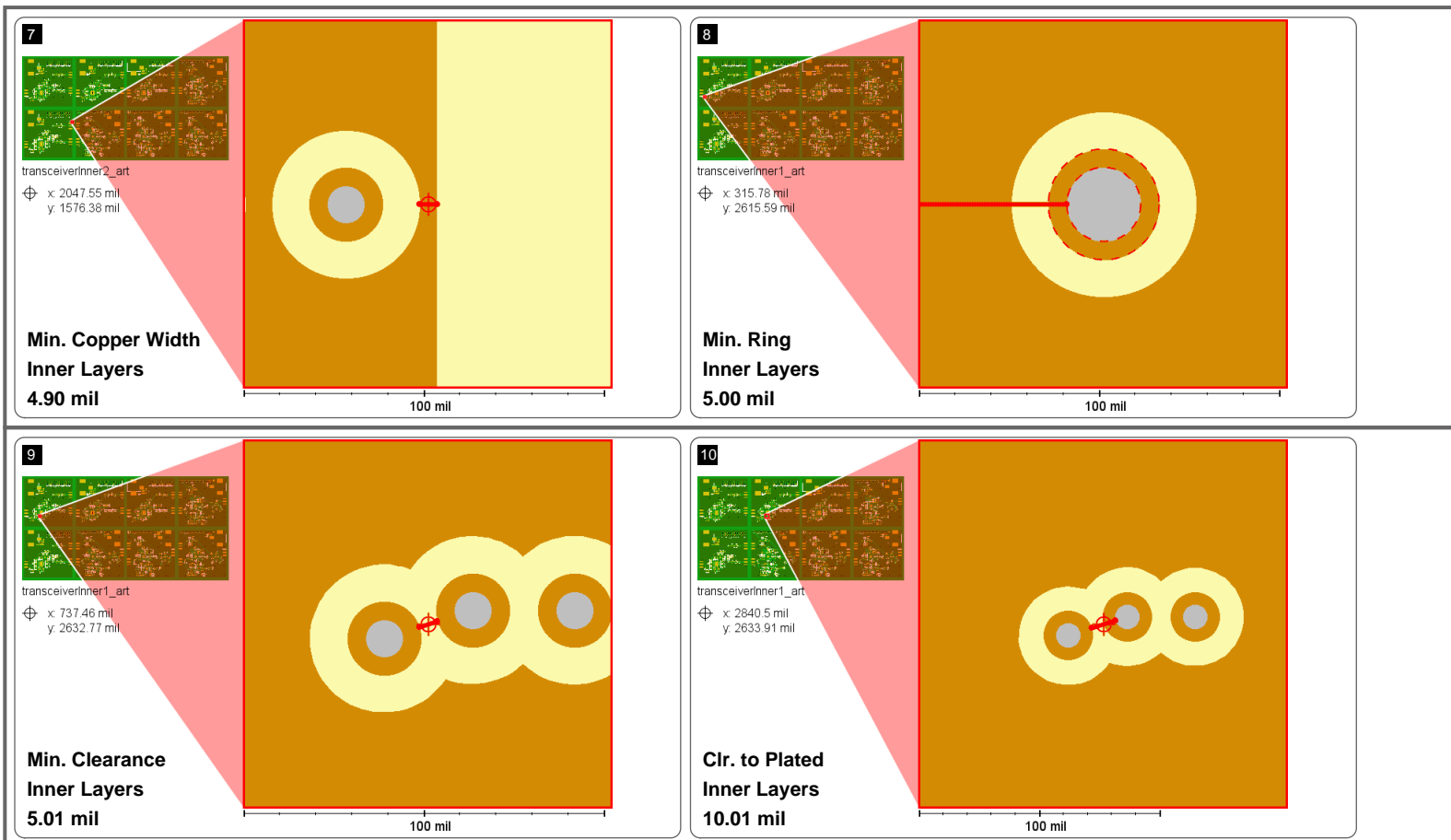
Type	Sequences	Tools	Min. End Dia.	Max. End Dia.	Holes	Moves	Min. Ring on Outer	Min. Ring on Inner	Min. Clr. Hole to Copper
			mil	mil			mil	mil	mil
Blind	0								
Buried	0								
PTH	1	4	10.00	42.01	1600		5.00	5.00	10.00
Plated (Total)	1	4	10.00	42.01	1600		5.00	5.00	10.00
NPTH	0								
Total	1	4	10.00	42.01	1600		5.00	5.00	10.00

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Summary Minimum Design Characteristics - Locations - Original



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Stackup - Original



Pressing Stages

1

Copper Layers - Original

File	Pos.	Min. Line Width	Min. Copper Width	Min. Ring	Min. Clr. to Copper	Min. Same Net spacing	Min. Clr. to Plated Hole	Min. Clr. to NPTH	Min. Clr. to Outline	Copper Area	
		mil	mil	mil	mil	mil	mil	mil	mil	inch ²	%
transceiverTOP_art	1	5.00	5.00	5.00	5.00	3.72	10.00		>64.00	27.1232	75
transceiverInner1_art	2	5.00	5.00	5.00	5.01	12.94	10.01		>64.00	29.1218	81
transceiverInner2_art	3	5.00	4.90	5.00	5.01	5.31	10.01		>64.00	28.2535	78
transceiverBOTTOM_art	4	5.00	4.75	5.00	5.00	11.52	10.00		>64.00	28.3945	79

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Drill Tools - Original

File	Tool Nr.	Span	Type	Method	Filled Via	Countered	Dia.	Tol. Min	Tol. Plus	Holes (in PCB)	Moves (in PCB)	Double Hits (in File)	Predrill Hits (in File)	Min. Ring on Outer	Min. Ring on Inner	Min. Pad Size
							mil	mil	mil					mil	mil	mil
Transceiver-1-4_drl	1	1-4	PTH	unknown	unknown	unknown	37.00	0.00	0.00	80	0	0	0	10.50	10.50	58.00
Transceiver-1-4_drl	2	1-4	PTH	unknown	unknown	unknown	20.00	0.00	0.00	236	0	0	0	5.00	5.00	30.00
Transceiver-1-4_drl	3	1-4	PTH	unknown	unknown	unknown	10.00	0.00	0.00	1244	0	0	0	5.00	5.00	20.00
Transceiver-1-4_drl	4	1-4	PTH	unknown	unknown	unknown	42.01	0.00	0.00	40	0	0	0	10.00	10.00	62.01

Sequences - Original

Span	Type	Tools	Min. End Dia.	Max. End Dia.	Holes	Min. Ring on Outer	Min. Ring on Inner	Min. Ring on Outer NPTH	Min. Ring on Inner NPTH	Min. Clr. Hole to Copper	Min. Clr. Hole to Outline	Min. Clr. Slot to Outline
			mil	mil		mil	mil	mil	mil	mil	mil	mil
1-4	PTH	4	10.00	42.01	1600	5.00	5.00			10.00	138.39	disabled
All	Plated	4	10.00	42.01	1600	5.00	5.00			10.00	138.39	disabled
All	All	4	10.00	42.01	1600	5.00	5.00			10.00	138.39	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	1.38		1.18	3.92	0.00	Yes	No	
Bottom	2.50		>10.00	>10.00	6.46	Yes	No	
All	1.38		1.18	3.92	0.00	Yes	No	Yes

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Files - Original

Initial	Renamed	Format	Function	Position	Color
transceiverSST.art	transceiverSST_art	ger274x	silk	top	white
transceiverSMT.art	transceiverSMT_art	ger274x	mask	top	green
transceiverTOP.art	transceiverTOP_art	ger274x	outer	1	
transceiverInner1.art	transceiverInner1_art	ger274x	inner	2	
transceiverInner2.art	transceiverInner2_art	ger274x	inner	3	
transceiverBOTTOM.art	transceiverBOTTOM_art	ger274x	outer	4	
transceiverSMB.art	transceiverSMB_art	ger274x	mask	bottom	green
Transceiver-1-4.drl	Transceiver-1-4_drl	excellon2	plated	1-4	
transceiverMECH.art	transceiverMECH_art	ger274x	mechanical	none	

Comments - Original

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