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REV	Description	Date	Appr
1.0	1. Initial release	10/12/2022	FKA

Top Layer (Scale 1:1)



- Notes: (All Dimensions are in mm)
1. Board Material FR-4
 2. Class 2 circuit board per IPC standards, current revision
 3. All dimensional tolerances per IPC-2615
 4. All plating per IPC-6011 class 2 - 1 oz finished copper
 5. SMOBC - ENIG, 2-8 micro inches gold over 150-250 micro inches nickel per IPC-4552, category 2, on all exposed copper
 6. LPI solder mask both sides black per IPC-sm-840c
 7. Silkscreen top and bottom sides with white epoxy ink
 8. Boards to be U.L. recognized (zpmv2); with minimum flammability rating of 94V-0; and shall be so marked
 9. All boards to be cleaned, inspected, and date stamped
 10. Workmanship to be equal to and compliant with the requirements of IPC-A-610
 11. Boards to be electrical tested per IPC- 9252 and marked or stamped to show that the board passed.
 12. Boards should be RoHs compliant

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		UNLESS OTHERWISE SPECIFIED:		NAME	DATE	ROMTech		
		DIMENSIONS ARE IN mm	DRAWN		10/12/2022	TITLE AccuRadius Zippy PCB		
		TOLERANCES:	CHECKED					
		FRACTIONAL±	ENG APPR.					
		ANGULAR: MACH± BEND ±	MFG APPR.					
		TWO PLACE DECIMAL ±	Q.A.					
		THREE PLACE DECIMAL ±	COMMENTS:			SIZE	DWG. NO.	Rev
		INTERPRET GEOMETRIC TOLERANCING PER:					16614-100	1
		MATERIAL						
		FINISH						
NEXT ASSY	USED ON							
APPLICATION		DO NOT SCALE DRAWING				SCALE: 1:1	WEIGHT:	SHEET 1 OF 5

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Drill Table

Symbol	Count	Hole Size	Plated	Hole Tolerance
○	2	0.96mm	Plated	
✕	6	1.27mm	Plated	
⊕	4	3.20mm	Non-Plated	
▽	2	5.40mm	Plated	
14 Total				

Drill Drawing View (Scale 1:1)



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2

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		INTERPRET GEOMETRIC TOLERANCING PER:										
		MATERIAL										
NEXT ASSY	USED ON	FINISH										
APPLICATION		DO NOT SCALE DRAWING				SCALE:	1:1	WEIGHT:	SHEET 2 OF 5			

A

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Top Layer (Scale 1:1)

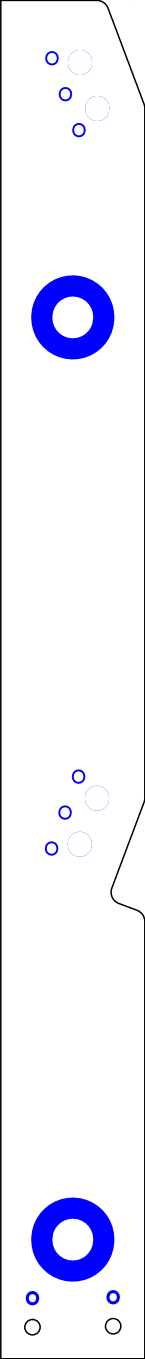
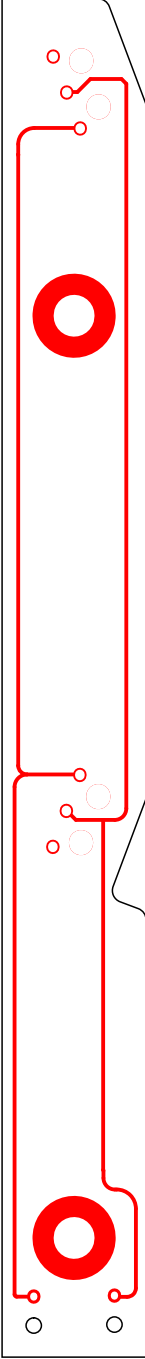
Bottom Layer (Scale 1:1)

Top Paste (Scale 1:1)

Top Solder (Scale 1:1)

Bottom Solder (Scale 1:1)

Bottom Paste (Scale 1:1)



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		THREE PLACE DECIMAL ±	Q.A.			SIZE DWG. NO. 16614-100 Rev 1			
		INTERPRET GEOMETRIC TOLERANCING PER:	COMMENTS:						
		MATERIAL							
		FINISH							
NEXT ASSY	USED ON	DO NOT SCALE DRAWING							
APPLICATION						SCALE:	1:1	WEIGHT:	SHEET 3 OF 5

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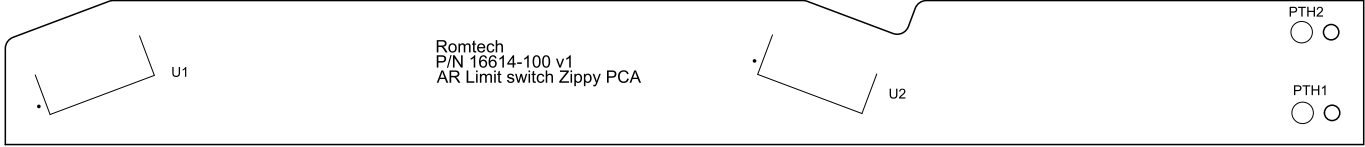
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Top Overlay (Scale 1:1)



Bottom Overlay (Scale 1:1)



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		THREE PLACE DECIMAL ±	Q.A.			COMMENTS:			
		INTERPRET GEOMETRIC TOLERANCING PER:							
		MATERIAL							
NEXT ASSY	USED ON	FINISH				SIZE	DWG. NO. 16614-100		Rev 1
APPLICATION		DO NOT SCALE DRAWING				SCALE:	1:1	WEIGHT:	SHEET 4 OF 5

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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
		1.48mm	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: 1.57mm					

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NEXT ASSY	USED ON	FINISH				DO NOT SCALE DRAWING				
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