


Drill Map:

• 0.20mm	/ 0.008"	(2 holes)
• 0.20mm	/ 0.008"	(591 holes)
• 0.23mm	/ 0.009"	(5 holes)
• 0.25mm	/ 0.010"	(878 holes)
• 0.30mm	/ 0.012"	(44 holes)
• 0.50mm	/ 0.020"	(2 holes + 4 slots)
• 0.65mm	/ 0.026"	(0 holes + 4 slots)
• 0.80mm	/ 0.031"	(10 holes)
• 0.85mm	/ 0.033"	(2 holes)
• 0.89mm	/ 0.035"	(10 holes)
• 1.00mm	/ 0.039"	(8 holes)
• 1.02mm	/ 0.040"	(4 holes)
• 1.10mm	/ 0.043"	(5 holes)
• 1.58mm	/ 0.062"	(2 holes)
• 1.80mm	/ 0.071"	(2 holes)
• 2.20mm	/ 0.087"	(3 holes)
• 3.20mm	/ 0.126"	(1 hole)
• 3.73mm	/ 0.147"	(4 holes)
• 4.30mm	/ 0.169"	(1 hole)
• 0.65mm	/ 0.026"	(1 holes + 1 slot) (not plated)
• 0.90mm	/ 0.035"	(8 holes) (not plated)
• 1.00mm	/ 0.039"	(2 holes) (not plated)
• 1.05mm	/ 0.041"	(1 hole) (not plated)
• 1.10mm	/ 0.043"	(2 holes) (not plated)
• 1.15mm	/ 0.045"	(1 hole) (not plated)
• 1.60mm	/ 0.063"	(1 hole) (not plated)
• 1.65mm	/ 0.065"	(1 hole) (not plated)
• 1.80mm	/ 0.071"	(1 hole) (not plated)
• 3.00mm	/ 0.118"	(2 holes) (not plated)
• 3.26mm	/ 0.128"	(2 holes) (not plated)

- NOTE: UNLESS OTHERWISE SPECIFIED
1. THIS BOARD SHALL CONFORM TO:
IPC-6012, CURRENT REVISION, CLASS II
 2. OVERALL BOARD THICKNESS SHALL BE 0.89mm +/- 0.006mm (4.0mils), VIEWED FROM PRIMARY SIDE
 3. MATERIAL SHALL BE IT180A OR EQUIVALENT
 4. ALL DIMENSIONS SHALL BE TO CENTER UNLESS OTHERWISE SPECIFIED
 5. USED SUPPLIED IPC-350A VETUST TO PERFORM COMPARISON WITH GERBER DATA PRIOR TO MANUFACTURING.
 6. APPLY SOLDERMASK OVER BARE COPPER, COLOR GREEN; MASK SHALL MEET IPC-SM-840.
 7. SILKSCREEN SHALL BE WHITE NON-CONDUCTIVE INK, AND IS NOT PERMITTED ON ANY EXPOSED COPPER FEATURES.
 8. ALL DIMENSIONS SHALL BE TO CENTER UNLESS OTHERWISE SPECIFIED
 9. MINIMUM ANNUAL RING SHALL BE IN ACCORDANCE WITH IPC-6012 CLASS II.
 10. ALL HOLES SHALL BE LOCATED WITHIN +/- 75 UN (0.003 INCH) OF TRUE POSITION.
 11. HOLE DRILLING SHALL BE IN ACCORDANCE WITH IPC-6012 CLASS II.
 12. LAYER TO LAYER REGISTRATION SHALL BE +/- 75 UN (0.003 INCH).
 13. COPPER FEATURES SHALL BE +/- 20% OF SUPPLIED DATA.
 14. COPPER PLATING THICKNESS SHALL BE IN ACCORDANCE WITH IPC-6012 CLASS II.
 15. ALL DIMENSIONS SHALL BE TO CENTER UNLESS OTHERWISE SPECIFIED
 16. REMOVE ALL SHARP EDGES AND BURRS: 75 UN (0.003 INCH) MAXIMUM.
 17. INSIDE RADIUS SHALL BE 0.00" MAXIMUM.
 18. SURFACE MUST BE PLAIN WITH 100% MAX DIMPLE DEPTH ALLOWED.
 19. FILL REQUIREMENT AND COPPER THICKNESS PER IPC-6012 CLASS 2.
 20. PRIOR TO STARTING MANUFACTURING

Librem 5 Dev Kit



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