

Sym	N°	Mils	MM	Qty	Plated
+	1	12	0.30	26	YES
×	2	31	0.80	4	YES
□	3	40	1.02	4	YES
◇	4	53	1.35	4	YES

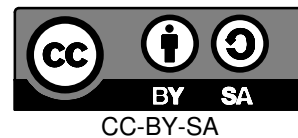
Class	USB	Type	Diff Coated Coplanar Waveguide With Ground	
Layer	Impedance	Trace Width	Trace Separation	Ground Separation
TOP, BOTTOM	90 Ohms	14.5 mils	6 mils	6 mils

A cross-sectional diagram of a PCB. It shows a central rectangular area labeled "CORE". Above and below this core are thin horizontal layers. Arrows point from text labels to these layers. The top layer is labeled "18 UM CU + 12.5 UM PLATING (30.5 U)". The bottom layer is labeled "18 UM CU + 12.5 UM PLATING (30.5 U)". The core is labeled "1.0 MM CORE FR-4 LG 135 INCLUDING COPPER".

Diagram illustrating the cross-section of a 1.0 mm FR-4 core PCB with 18 UM CU and 12.5 UM PLATING (30.5 U) on both top and bottom layers.

- 18 UM CU + 12.5 UM PLATING (30.5 U)
- 1.0 MM CORE FR-4 LG 135 INCLUDING COPPER
- 18 UM CU + 12.5 UM PLATING (30.5 U)

1. PRINTED CIRCUIT BOARD MADE FROM NEMA GRADE FR-4 TO 135 EPOXY LAMINATE WITH 18 UM COPPER PLATING AND 1 MM THICKNESS.
2. ALL DIMENSIONS ARE GIVEN IN MILLIMETERS EXCEPT TRACE WIDTH/SPACE
3. CIRCUIT PATHS ARE FOR REFERENCE ONLY.
4. HOLE SIZES SHOWN ARE FINISHED DIAMETERS AFTER PLATING.
5. BOARD PLATED USING REFLOW OR SIMILAR METHOD.
6. BOARD TO HAVE WHITE SOLDER MASK ON PLATED SURFACES USING WET FILM SR100 OR SR1010 EPOXY.  
EQUIVALENT WET OR DRY FILM MAY BE USED.
7. SILKSCREEN BOARD USING BLACK INK. DISTORTION OF SILKSCREEN IS ACCEPTABLE OVER TRACES. EPOXY INK ON PLATED LANDS IS NOT ACCEPTABLE
8. THE FOLLOWING INFORMATION APPLIES TO THIS BOARD:
  - \* 2 COPPER LAYERS
  - \* 1 MM BOARD THICKNESS
  - \* REQUIRES TOP AND BOTTOM SIDE SILKSCREENS



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Domino Single USB

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Solder stop mask SOL (.STS)

Rev. A