

LAYER-STACK

Sym	N°	Mils	MM	Qty	Plated
+	1	12	0.30	77	YES
x	2	31	0.80	4	YES
□	3	39	1.00	12	BOTH
◇	4	40	1.02	4	YES
⊗	5	53	1.35	4	YES
⊠	6	126	3.20	1	NOT

LINE WIDTH IMPEDANCE CHART FOR REFERENCE

Class	USB	Type	Diff Coated Coplanar Waveguide With Ground 1B
Layer	Impedance	Trace Width	Trace Separation / Ground Separation
TOP, BOTTOM	90 Ohms	14.5 mils	6 mils / 6 mils

STACK-UP FOR REFERENCE

1.061 MM +/- 10%

LAYER 1 L1 TOP ← 18 UM CU + 12.5 UM PLATING (30.5 UM)

CORE ← 1.0 MM CORE FR-4 LG 135 INCLUDING COPPER

LAYER 4 L16 BOTTOM ← 18 UM CU + 12.5 UM PLATING (30.5 UM)

NOTES:

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

Domino Core Pi Qi

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Domino USB MicroSD

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Solder stop mask CMP (.STC) Rev. A