

LAYER-STACK

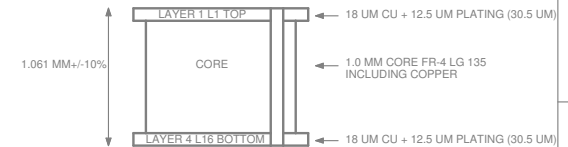
DRILL CHART: TOP TO BOTTOM

Sym	N°	Mils	MM	Qty	Plated
+	1	12	0.30	162	YES
×	2	20	0.50	2	YES
□	3	31	0.80	7	YES
◇	4	40	1.02	20	YES
⊗	5	63	1.60	2	NOT
⊠	6	102	2.60	2	NOT
⊡	7	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	

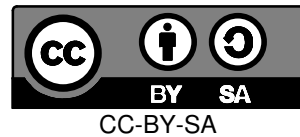
STACK-UP FOR REFERENCE



NOTES:

1. PRINTED CIRCUIT BOARD MADE FROM NEMA GRADE FR-4 TG 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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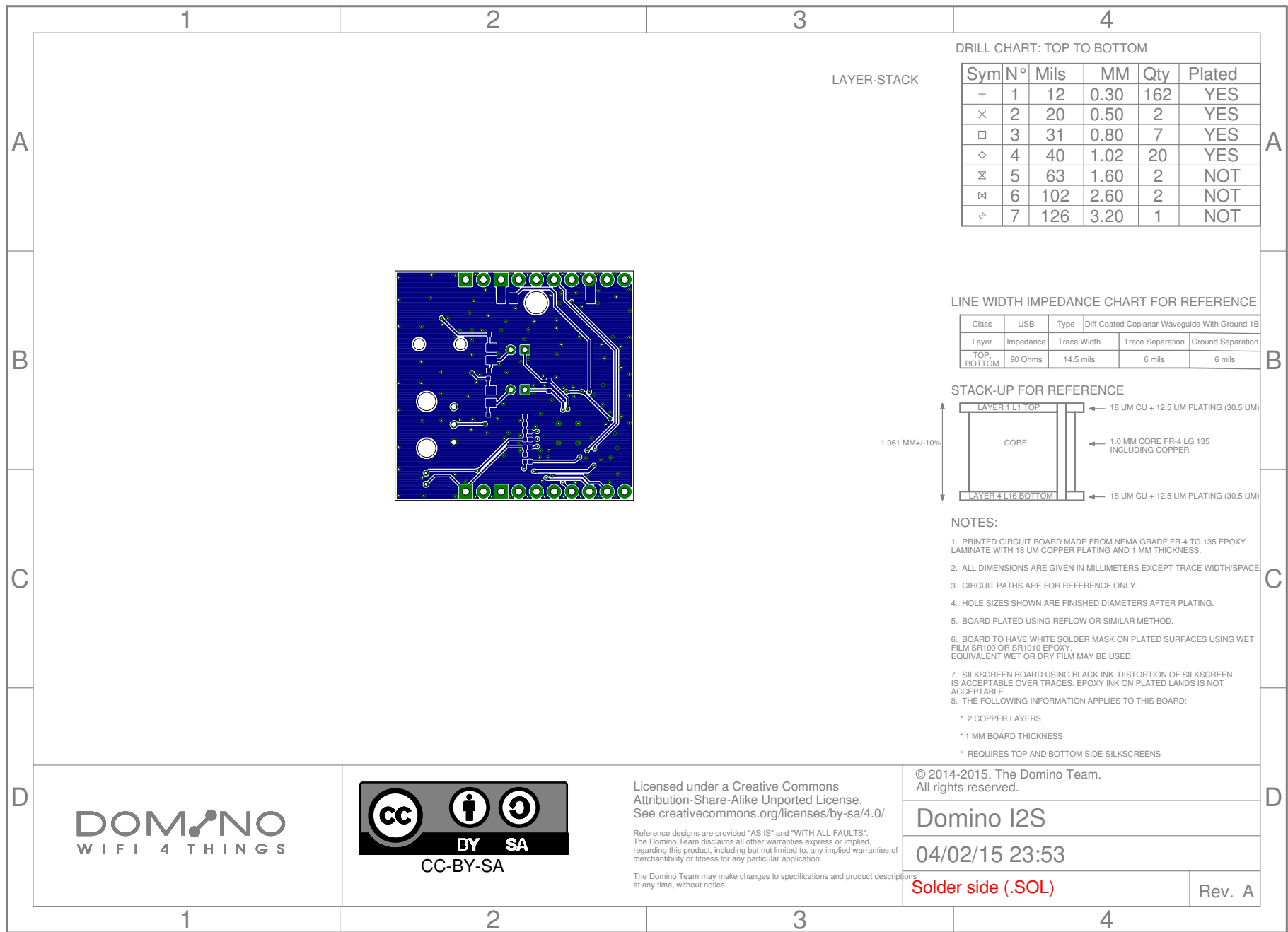
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Component Side (.CMP)

Rev. A



LAYER-STACK

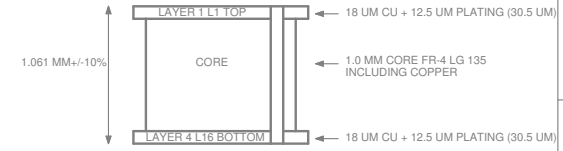
DRILL CHART: TOP TO BOTTOM

Sym	N°	Mils	MM	Qty	Plated
+	1	12	0.30	162	YES
×	2	20	0.50	2	YES
□	3	31	0.80	7	YES
◇	4	40	1.02	20	YES
⊗	5	63	1.60	2	NOT
⊠	6	102	2.60	2	NOT
⊞	7	126	3.20	1	NOT

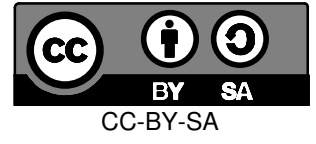
LINE WIDTH IMPEDANCE CHART FOR REFERENCE

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



- NOTES:
1. PRINTED CIRCUIT BOARD MADE FROM NEMA GRADE FR-4 TG 135 EPOXY LAMINATE WITH 18 UM COPPER PLATING AND 1 MM THICKNESS.
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 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:
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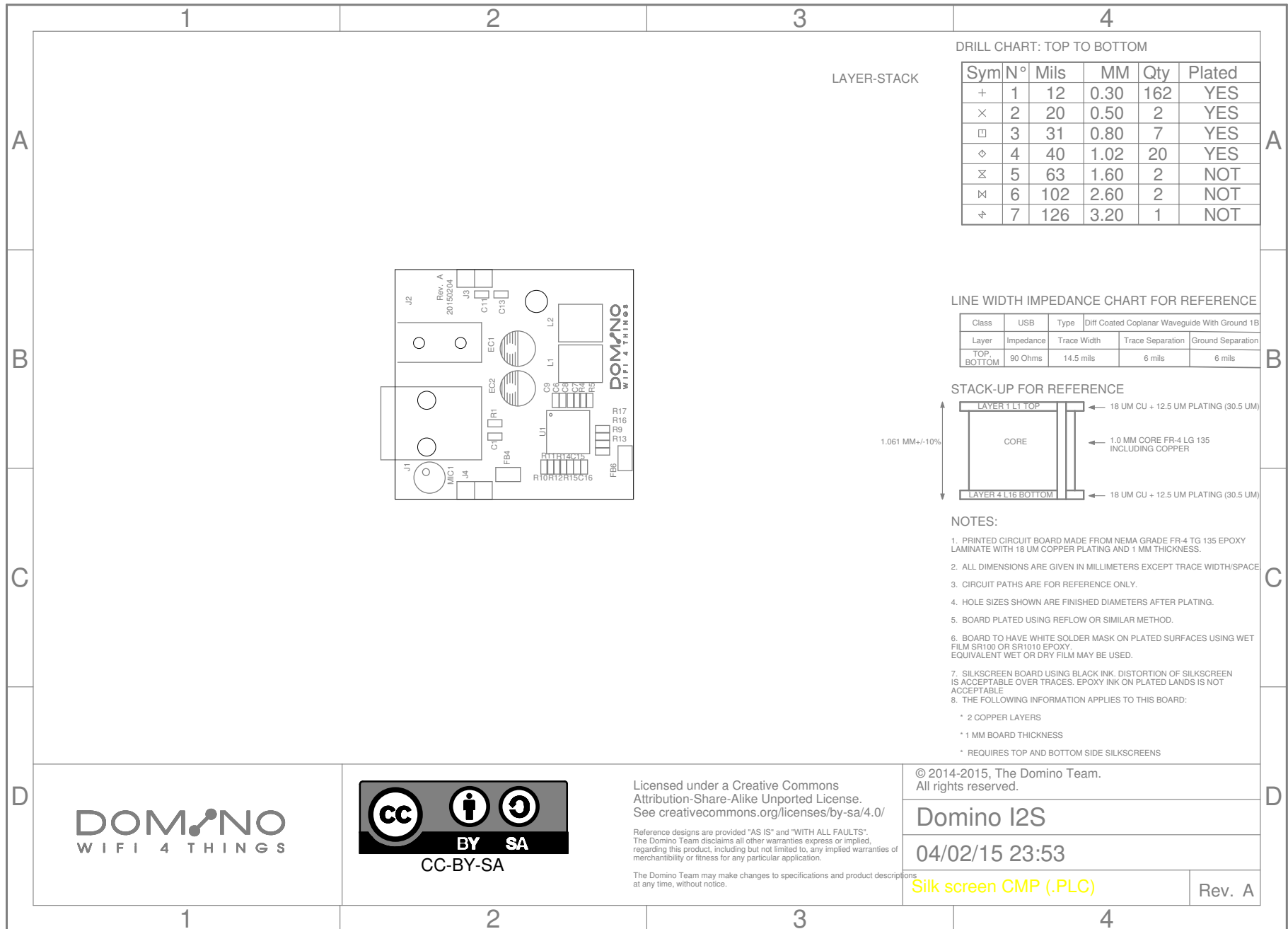
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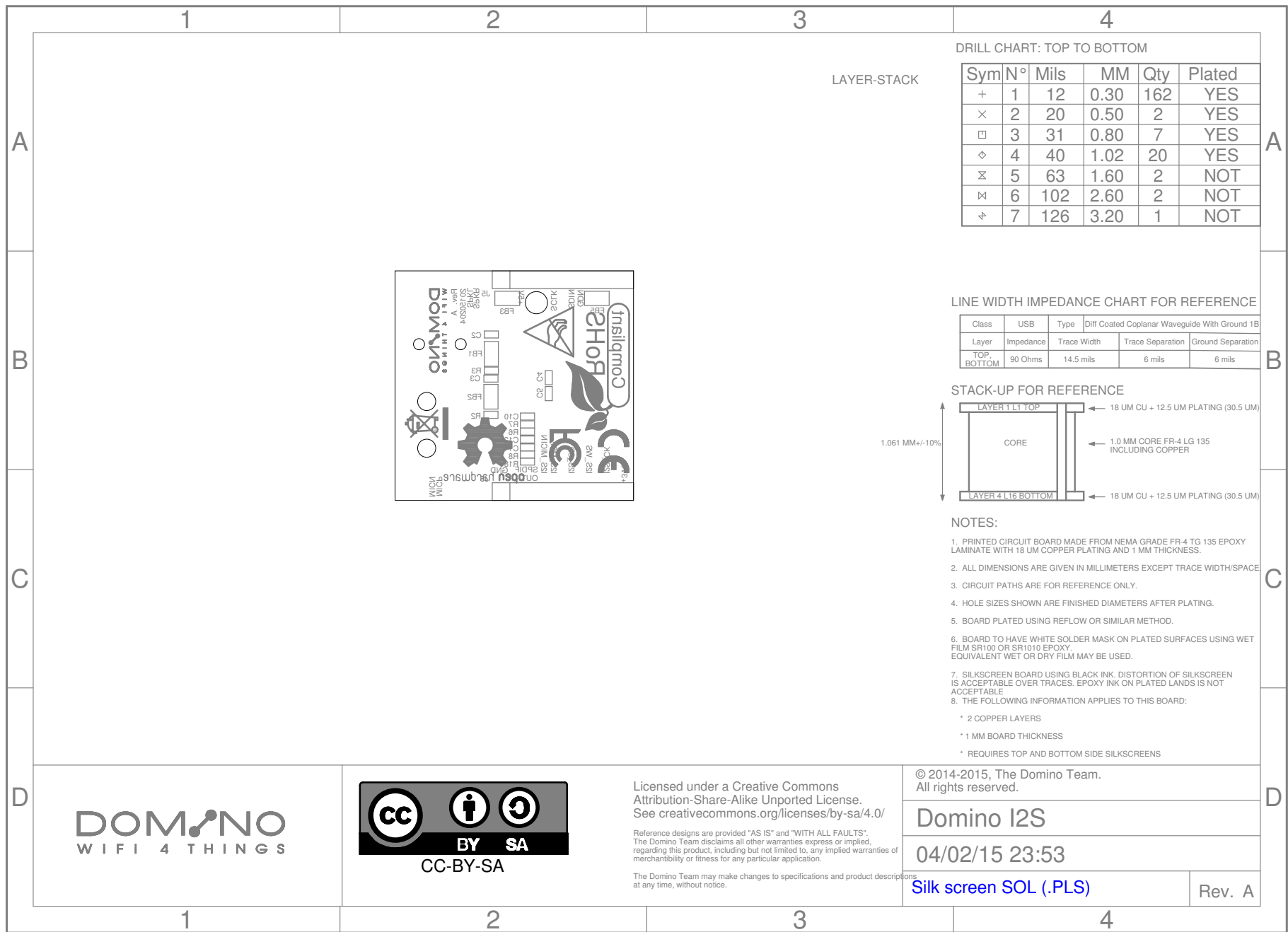
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Solder side (.SOL)

Rev. A





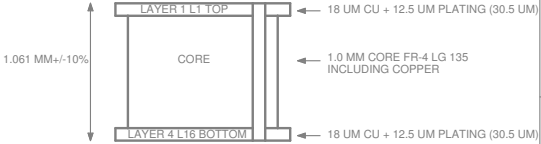
DRILL CHART: TOP TO BOTTOM

Sym	N°	Mils	MM	Qty	Plated
+	1	12	0.30	162	YES
×	2	20	0.50	2	YES
□	3	31	0.80	7	YES
◇	4	40	1.02	20	YES
⊗	5	63	1.60	2	NOT
⊠	6	102	2.60	2	NOT
⊡	7	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

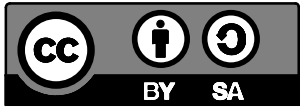
STACK-UP FOR REFERENCE



NOTES:

1. PRINTED CIRCUIT BOARD MADE FROM NEMA GRADE FR-4 TG 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:
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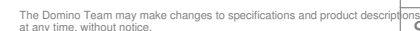
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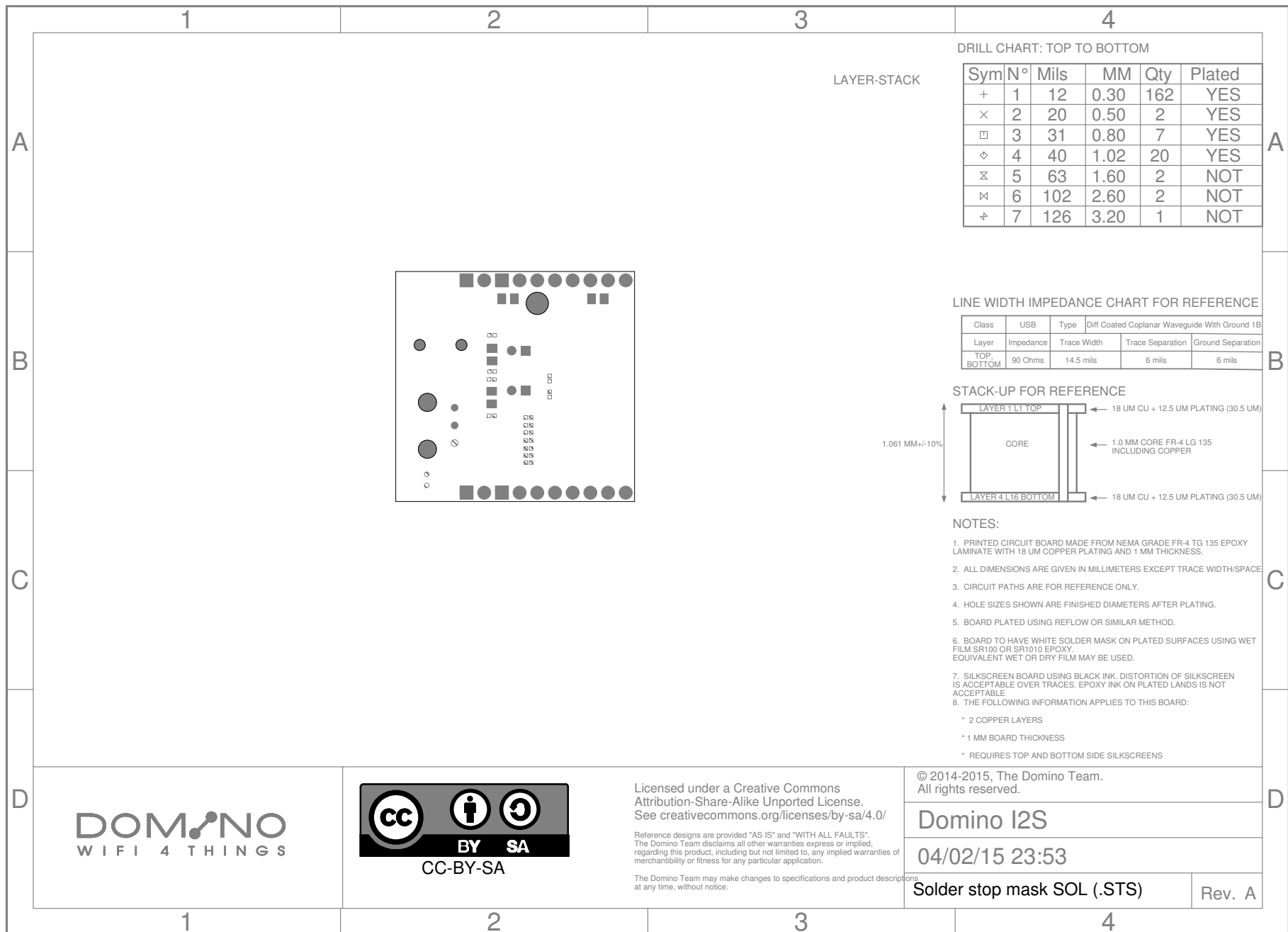
Domino I2S

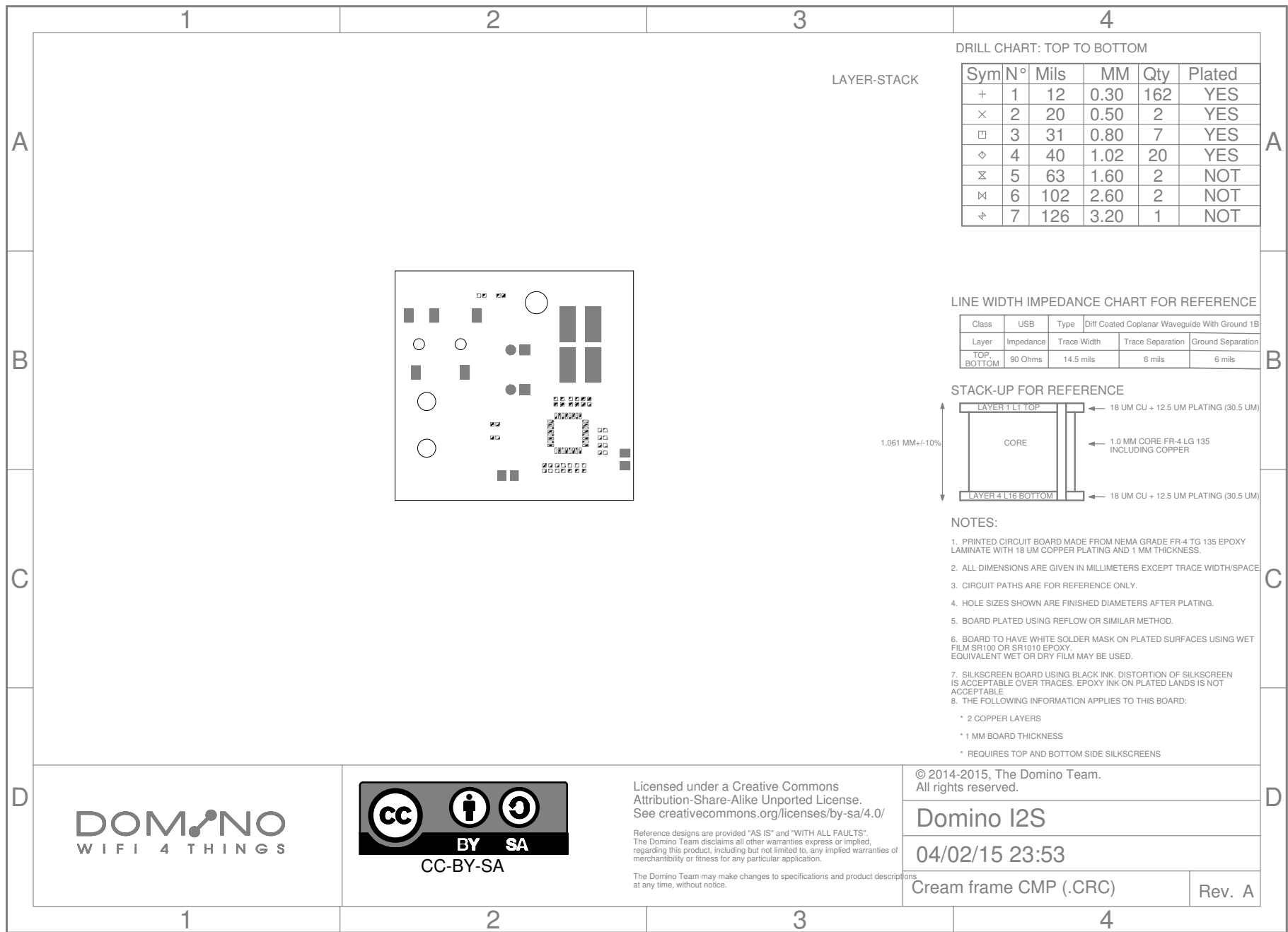
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Silk screen SOL (.PLS)

Rev. A







LAYER-STACK

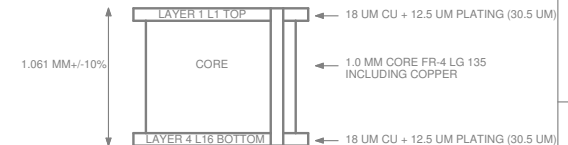
DRILL CHART: TOP TO BOTTOM

Sym	N°	Mils	MM	Qty	Plated
+	1	12	0.30	162	YES
×	2	20	0.50	2	YES
□	3	31	0.80	7	YES
◇	4	40	1.02	20	YES
⊗	5	63	1.60	2	NOT
⊠	6	102	2.60	2	NOT
⊡	7	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	

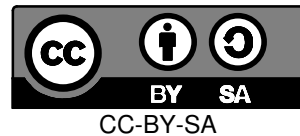
STACK-UP FOR REFERENCE



NOTES:

1. PRINTED CIRCUIT BOARD MADE FROM NEMA GRADE FR-4 TG 135 EPOXY LAMINATE WITH 18 UM COPPER PLATING AND 1 MM THICKNESS.
2. ALL DIMENSIONS ARE GIVEN IN MILLIMETERS EXCEPT TRACE WIDTH/SPACE.
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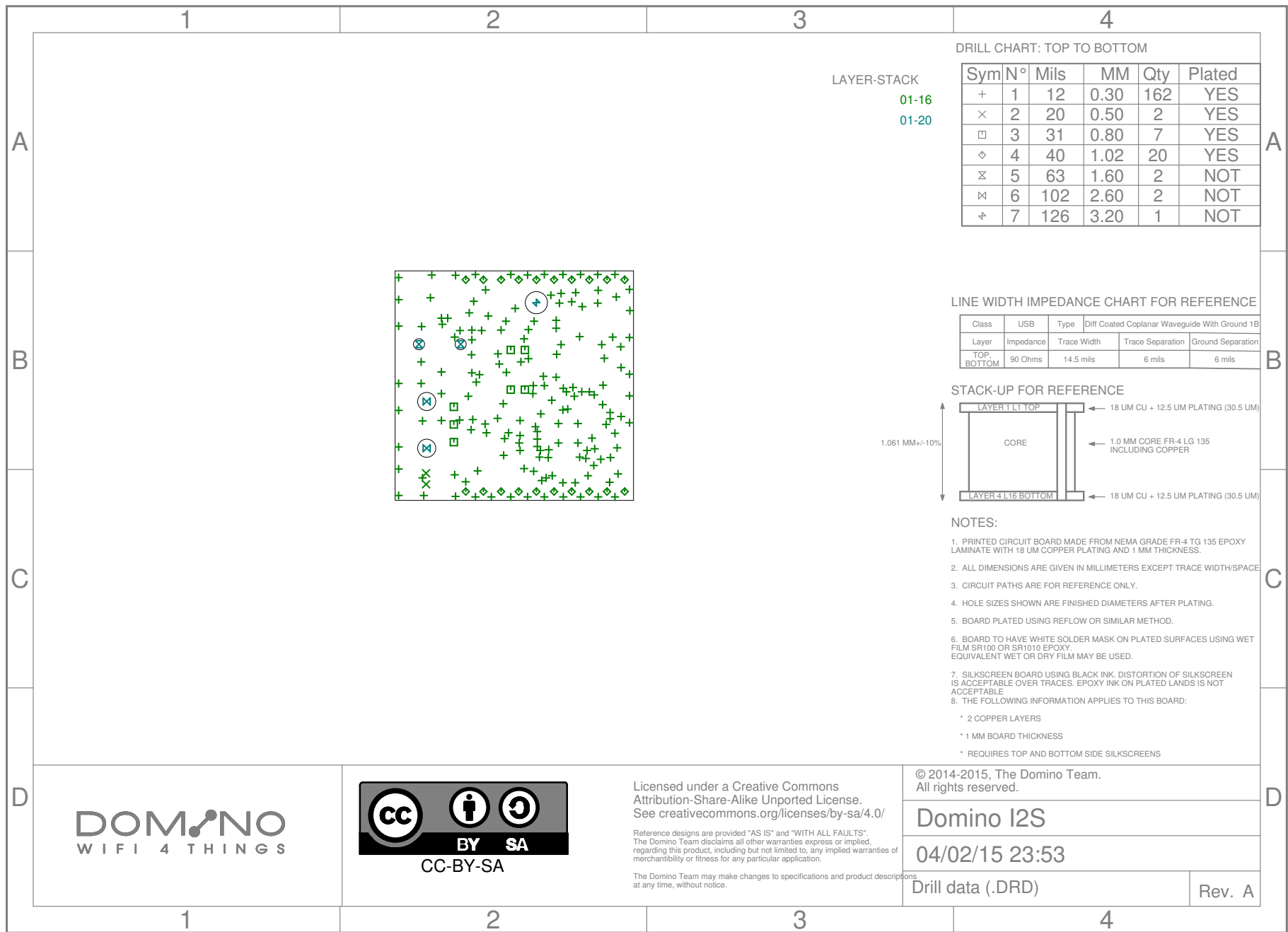
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Cream frame CMP (.CRC)

Rev. A







Sym	N°	Mils	MM	Qty	Plated
+	1	12	0.30	162	YES
×	2	20	0.50	2	YES
□	3	31	0.80	7	YES
◇	4	40	1.02	20	YES
≠	5	63	1.60	2	NOT
⋈	6	102	2.60	2	NOT
⋈	7	126	3.20	1	NOT

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

1.061 MM +/-10%

LAYER 1 LT6 TOP

18 UM CU + 12.5 UM PLATING (30.5 UM)

CORE

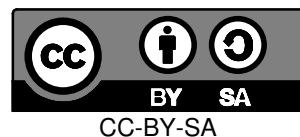
1.0 MM CORE FR-4 LG 135 INCLUDING COPPER

LAYER 4 LT6 BOTTOM

18 UM CU + 12.5 UM PLATING (30.5 UM)

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.
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Component Assembly CMP (.ASC)

Rev. A

