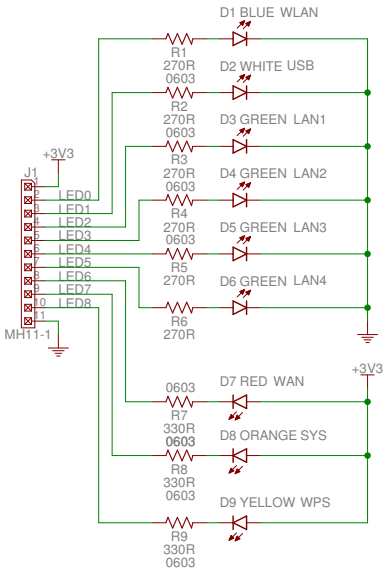

Resistors are 5% 1/16W 0402 unless otherwise specified
Ceramic capacitors are ±10% 50V X7R dielectric 0402 unless otherwise specified

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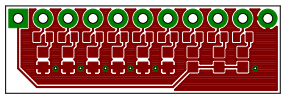
Domino LED
13/08/14 21:30
Sheet: 1/1
Rev.B

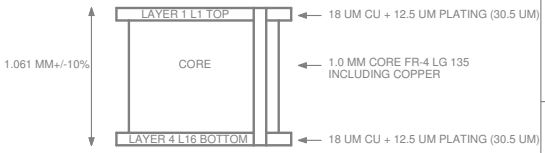
DRILL CHART: TOP TO BOTTOM

LAYER-STACK

Sym	N°	Mils	MM	Qty	Plated
+	1	12	0.30	6	YES
×	2	40	1.02	11	YES



STACK-UP FOR REFERENCE



NOTES:

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3. CIRCUIT PATHS ARE FOR REFERENCE ONLY.
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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
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13/08/14 21:29

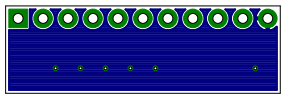
Component Side (.CMP)

Rev. B

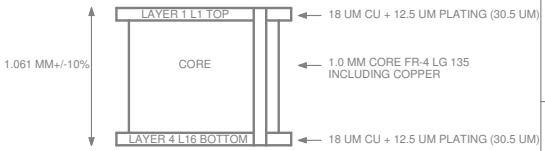
DRILL CHART: TOP TO BOTTOM

LAYER-STACK

Sym	N°	Mils	MM	Qty	Plated
+	1	12	0.30	6	YES
×	2	40	1.02	11	YES



STACK-UP FOR REFERENCE



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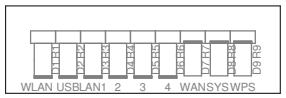
Solder side (.SOL)

Rev. B

DRILL CHART: TOP TO BOTTOM

LAYER-STACK

Sym	N°	Mils	MM	Qty	Plated
+	1	12	0.30	6	YES
×	2	40	1.02	11	YES



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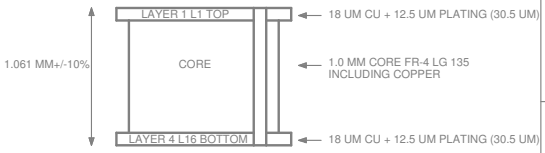

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Silk screen CMP (.PLC)

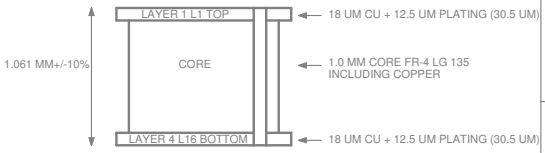
Rev. B

DRILL CHART: TOP TO BOTTOM

LAYER-STACK

Sym	N°	Mils	MM	Qty	Plated
+	1	12	0.30	6	YES
×	2	40	1.02	11	YES

STACK-UP FOR REFERENCE



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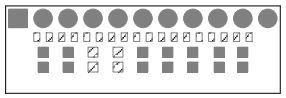
Silk screen SOL (.PLS)

Rev. B

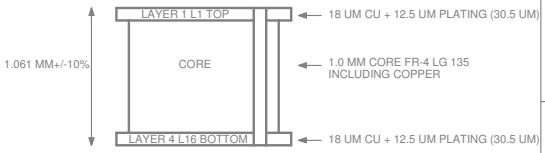
DRILL CHART: TOP TO BOTTOM

LAYER-STACK

Sym	N°	Mils	MM	Qty	Plated
+	1	12	0.30	6	YES
×	2	40	1.02	11	YES



STACK-UP FOR REFERENCE



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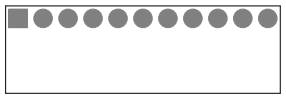
Solder stop mask CMP (.STC)

Rev. B

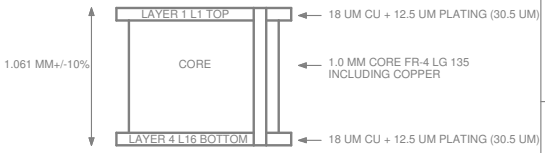
DRILL CHART: TOP TO BOTTOM

LAYER-STACK

Sym	N°	Mils	MM	Qty	Plated
+	1	12	0.30	6	YES
×	2	40	1.02	11	YES



STACK-UP FOR REFERENCE



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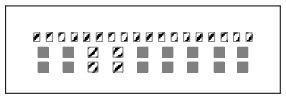
Solder stop mask SOL (.STS)

Rev. B

DRILL CHART: TOP TO BOTTOM

LAYER-STACK

Sym	N°	Mils	MM	Qty	Plated
+	1	12	0.30	6	YES
×	2	40	1.02	11	YES



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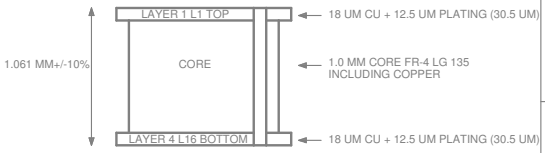

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Cream frame CMP (.CRC)

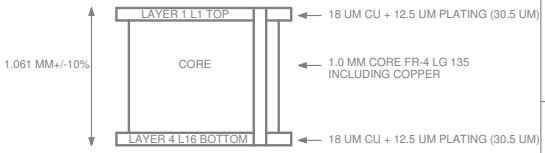
Rev. B

DRILL CHART: TOP TO BOTTOM

LAYER-STACK

Sym	N°	Mils	MM	Qty	Plated
+	1	12	0.30	6	YES
×	2	40	1.02	11	YES

STACK-UP FOR REFERENCE



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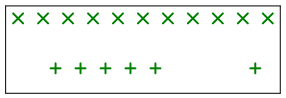
Cream frame SOL (.CRS)

Rev. B

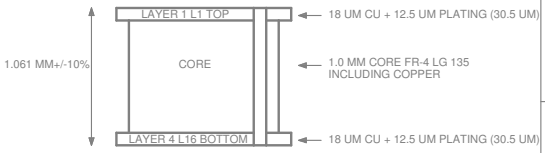
DRILL CHART: TOP TO BOTTOM

LAYER-STACK
01-16

Sym	N°	Mils	MM	Qty	Plated
+	1	12	0.30	6	YES
×	2	40	1.02	11	YES



STACK-UP FOR REFERENCE



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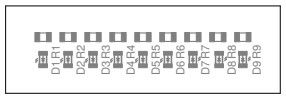
Drill data (.DRD)

Rev. B

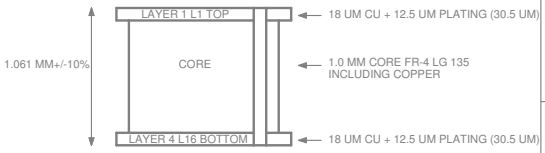
DRILL CHART: TOP TO BOTTOM

LAYER-STACK

Sym	N°	Mils	MM	Qty	Plated
+	1	12	0.30	6	YES
×	2	40	1.02	11	YES



STACK-UP FOR REFERENCE



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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

Domino Core
Domino Pi
Domino Qi

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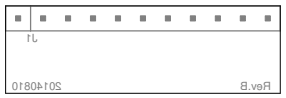
13/08/14 21:29

Component Assembly CMP (.ASC) | Rev. B

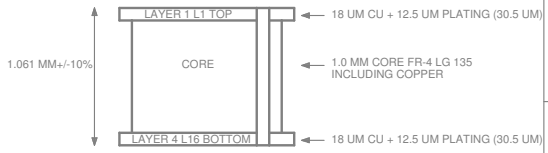
DRILL CHART: TOP TO BOTTOM

LAYER-STACK

Sym	N°	Mils	MM	Qty	Plated
+	1	12	0.30	6	YES
×	2	40	1.02	11	YES



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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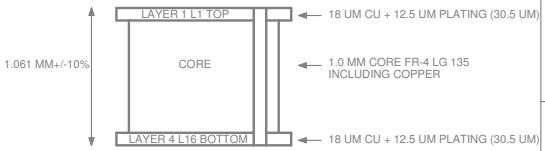
Component Assembly SOL (.ASS) | Rev. B

DRILL CHART: TOP TO BOTTOM

LAYER-STACK

Sym	N°	Mils	MM	Qty	Plated
+	1	12	0.30	6	YES
×	2	40	1.02	11	YES

STACK-UP FOR REFERENCE



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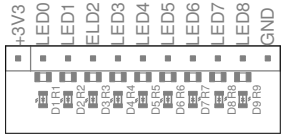
Outline (.OLN) | Rev. B

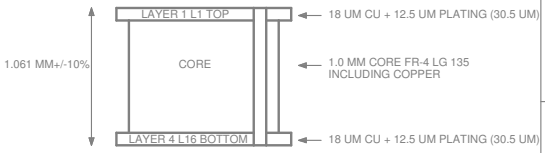
DRILL CHART: TOP TO BOTTOM

LAYER-STACK

Sym	N°	Mils	MM	Qty	Plated
+	1	12	0.30	6	YES
×	2	40	1.02	11	YES



STACK-UP FOR REFERENCE



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Pinout (.PIN)

Rev. B

Domino LED Rev. B

Item	Qty	Value	Manufacturer	Device	Package	Reference	Description	Remarks
1	1	BLUE	ANY	LED0603-BLUE	LED0603	D1	LED BLUE CLEAR 0603 SMD	
2	1	WHITE	ANY	LED0603-WHITE	LED0603	D2	LED WHITE CLEAR 0603 SMD	
3	4	GREEN	ANY	LED0603-GREEN	LED0603	D3, D4, D5, D6	LED GREEN CLEAR 0603 SMD	
4	1	RED	ANY	LED0603-RED	LED0603	D7	LED RED CLEAR 0603 SMD	
5	1	ORANGE	ANY	LED0603-ORANGE	LED0603	D8	LED ORANGE CLEAR 0603 SMD	
6	1	YELLOW	ANY	LED0603-YELLOW	LED0603	D9	LED YELLOW CLEAR 0603 SMD	
7	1	MH11-1	ANY	MH11-1-0.1	MH11-1-0.1	J1	CONN HEADER VERT .100 1ROW 11POS 8.08 HEAD 3.05 TAIL 15AU	
8	6	270R	ANY	R0603_270R_5%_125mW	R0603	R1, R2, R3, R4, R5, R6	RES 270 OHM 1/8W 5% 0603 SMD	
9	3	330R	ANY	R0603_330R_5%_125mW	R0603	R7, R8, R9	RES 330 OHM 1/8W 5% 0603 SMD	