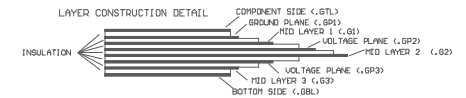


NOTES:

- MATERIAL: .062+/- .006 (FINISHED) GLASS EPOXY LAMINATE,
TYPE: NEMA GRADE FR4 OR EQUIV.
1.0 oz COPPER CLAD ON OUTER LAYERS.
1.0 oz COPPER CLAD ON INNER LAYERS.
CONSTRUCTION SHALL MEET CLASS 94V-1.
8 LAYERS.
- CONSTRUCTION: LIQUID PHOTO-IMAGEABLE SOLDERMASK OVER BASE COPPER
PER IPC-SM-840B, TYPE B, CLASS 3.
TOLERANCE: .xxx = .005, .xx = .01
LAYER CONSTRUCTION ALIGNMENT MAX: +/- .005
- FINISH: COPPER PLATE-THRU ALL MARKED HOLES.
MIN PLATING THICKNESS: 1oz
ALL EXPOSED COPPER PADS & VIAS SHALL BE 3-5 MICRO INCHES
IMMERSION GOLD OR SILVER OVER 150 MICRO INCHES NICKEL (MIN).

SILKSCREEN COMPONENT SIDES(TOP,BOTTOM) .
TYPE: CAT-L-INK OR EQUIV. COLOR: WHITE.
SILKSCREEN TO REMAIN CLEAR OF EXPOSED PADS.
REGISTER TOLERANCE: +/- .015

ALL HOLES SHALL BE DRILLED +/- .003 INCH WITH
RESPECT TO CENTER OF DRILLED PAD.
ALL HOLES ARE FINISHED SIZE AFTER PLATING.



HOLE TOLERANCE	TOOL	HOLE SIZE	HOLE COUNT	SYMBOL	NOTE	PLATE-THRU
+/- .003	T1	10 MIL	796	A	FINISHED SIZE	YES
+/- .003	T2	15 MIL	343	B	FINISHED SIZE	YES
+/- .003	T3	25 MIL	39	E	FINISHED SIZE	YES
+/- .003	T4	36 MIL	3	F	FINISHED SIZE	YES
+/- .003	T5	42 MIL	57	C	FINISHED SIZE	YES
+/- .003	T6	92 MIL	2	G	FINISHED SIZE	YES
+/- .003	T7	118 MIL	2	D	FINISHED SIZE	YES
+/- .003	T8	- MIL	-	-	FINISHED SIZE	-
+/- .003	T9	- MIL	-	-	FINISHED SIZE	NO
+/- .003	T10	- MIL	-	-	FINISHED SIZE	YES
+/- .003	T11	- MIL	-	J	FINISHED SIZE	YES
+/- .003	T12	- MIL	-	H	FINISHED SIZE	YES
+/- .003	T13	- MIL	-	H	FINISHED SIZE	NO
+/- .003	T14	- MIL	-	C	FINISHED SIZE	NO
TOTALS:			1242			

Las Cumbres Observatory, Inc

FABRICATION DRAWING CSU BOARD

DATE 05/29/09	SIZE D	DRAWING NUMBER FAB-CSU	REV A
SCALE 2:1			