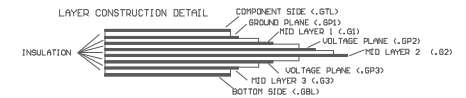


NOTES:

1. MATERIAL: .062 \pm .006 (FINISHED) GLASS EPOXY LAMINATE, TYPE: NEMA GRADE FR4 OR EQUIV. T6 170 MATERIAL OR BETTER. 1.0 oz COPPER CLAD ON OUTER LAYERS. 1.0 oz COPPER CLAD ON INNER LAYERS. CONSTRUCTION SHALL MEET CLASS 94V-1, 8 LAYERS.
2. CONSTRUCTION: LIQUID PHOTO-IMAGEABLE SOLDERMASK OVER BASE COPPER PER IPC-SM-840B, TYPE B, CLASS 3. COLOR GREEN TOLERANCE: .xxx = .005, .xx = .01 LAYER CONSTRUCTION ALIGNMENT MAX: \pm .005
3. 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: \pm .015

ALL HOLES SHALL BE DRILLED \pm .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
\pm .003	T1	10 MIL	799	B	FINISHED SIZE	YES
\pm .003	T2	15 MIL	352	A	FINISHED SIZE	YES
\pm .003	T3	25 MIL	39	C	FINISHED SIZE	YES
\pm .003	T4	36 MIL	3	E	FINISHED SIZE	YES
\pm .003	T5	42 MIL	57	D	FINISHED SIZE	YES
\pm .003	T6	92 MIL	2	G	FINISHED SIZE	YES
\pm .003	T7	118 MIL	2	F	FINISHED SIZE	YES
\pm .003	T8	- MIL	-	-	FINISHED SIZE	YES
\pm .003	T9	- MIL	-	-	FINISHED SIZE	NO
\pm .003	T10	- MIL	-	-	FINISHED SIZE	YES
\pm .003	T11	- MIL	-	-	FINISHED SIZE	YES
\pm .003	T12	- MIL	-	-	FINISHED SIZE	YES
\pm .003	T13	- MIL	-	-	FINISHED SIZE	NO
\pm .003	T14	- MIL	-	-	FINISHED SIZE	NO
TOTALS:		1254				

Las Cumbres Observatory, Inc

FABRICATION DRAWING CSU BOARD

DATE 11/09/11	SIZE D	DRAWING NUMBER FAB-CSU	REV B
SCALE 2/1			