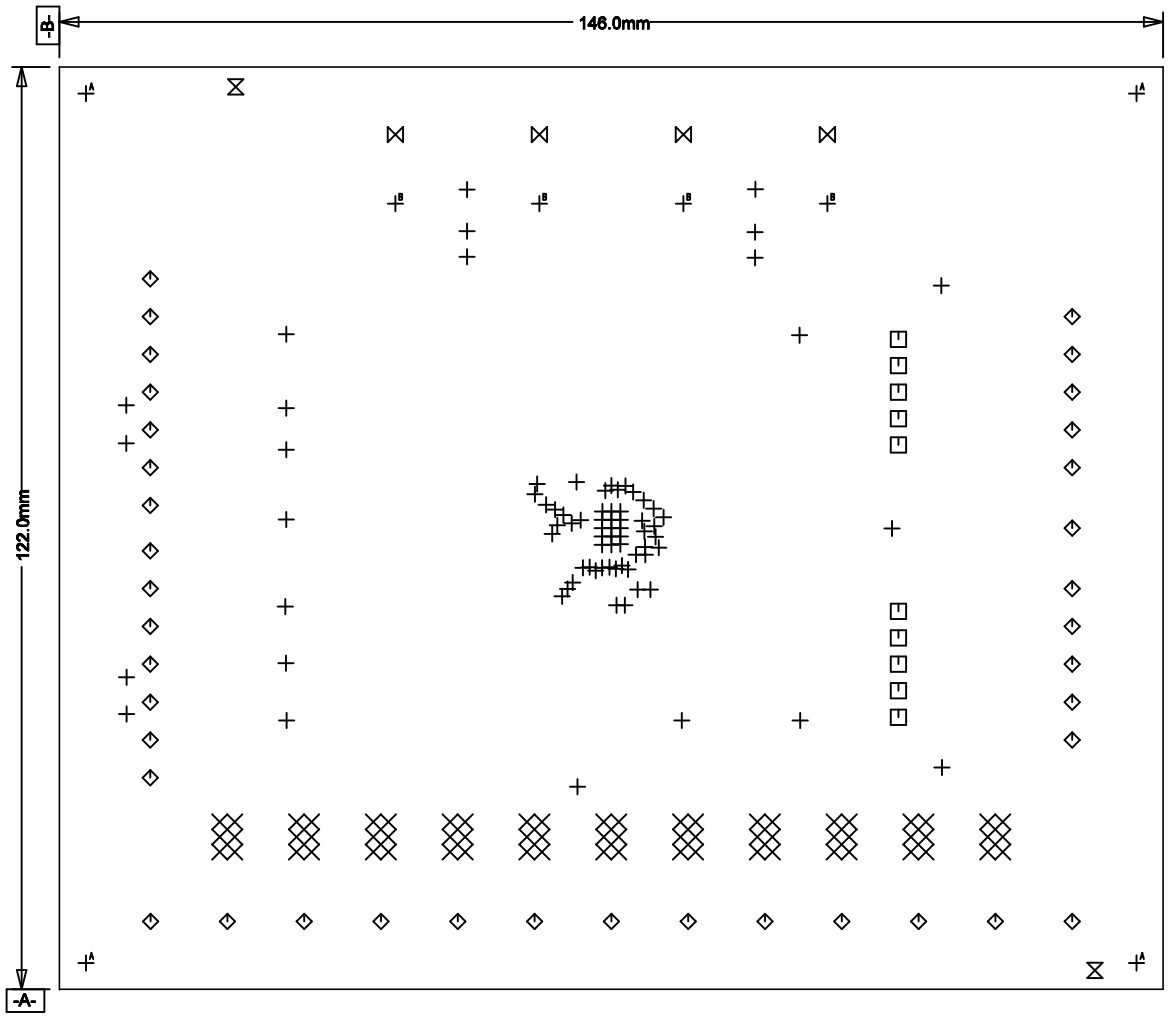
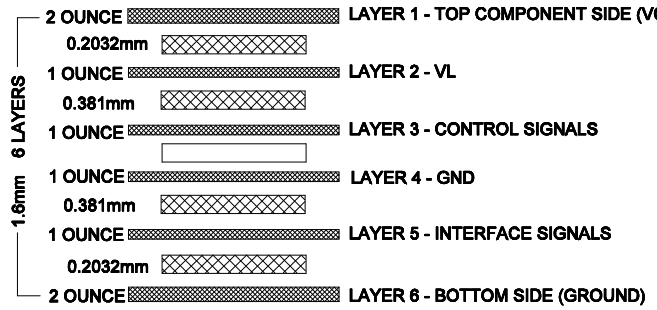


TOP COMPONENT SIDE SHOWN

REVISION HISTORY				
ECO	REV	DESCRIPTION	DATE	APPROVAL
	1	PRODUCTION	08/22/11	MITCHELL L.

LAYER CONSTRUCTION

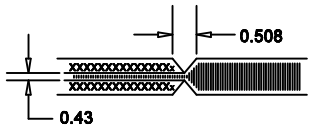


NOTES: UNLESS OTHERWISE SPECIFIED,

1. ARTWORK P/N DC1851A REV 1.
2. FAB PER IPC-A-600
3. PCB SHALL BE RoHS COMPLIANT.
4. MATERIAL:
   - A. LAMINATE: EPOXY FIBERGLASS, NEMA GRADE FR-4
     FLAMMABILITY RATING: 94 V-2 MINIMUM .
   - B. THICKNESS: 1.6 +/- 0.1 mm
   - C. CLAD: 2 OZ. (50um) EXTERNAL LAYERS.
     1 OZ. (25um) COPPER ON FOUR INTERNAL LAYERS.
5. FINISH:
   - A. COATING: SOLDERMASK OVER BARE COPPER,
     COLOR, GREEN LPI.
   - B. PLATING: GOLD IMMERSION BOTH SIDES.
   - C. SILKSCREEN: COMPONENT SIDE WITH WHITE
     NON-CONDUCTIVE INK.
6. TOLERANCES:
   - A. WARPAGE: (0.075mm) MAX. ALONG THE LONGEST DIAG.
     AS PER IPC-TM650 METHOD 2.4.22.
   - B. ETCHING: +0.03mm, -0.3mm OF MASTER PATTERN.
   - C. REGISTRATION: 0.075mm MAX.
   - D. MASK THICKNESS: 0.025mm MIN., 0.075mm MAX.
   - E. HOLE PLATING: 22um +/- 3um.
7. SIZE:
   - A. CUT TO DIMENSIONS AND TOLERANCES SHOWN.
     0.00 ARE PRIMARY DATUMS.
8. HOLE DIAMETERS ARE POST-PLATED SIZES.
9. DEBURR AND BREAK ALL SHARP EDGES.
10. DO NOT ALTER ARTWORK e.g. TO ADD LOGO OR DATE CODE.

SIZE	QTY	SYM	PLATED	TOL
0.25	80	+	YES	+/-0.08
1.02	66	X	YES	+/-0.08
1.2	10	□	YES	+/-0.08
1.63	38	◇	YES	+/-0.08
1.8	2	⧖	NO	+/-0.13
2.39	4	⋈	YES	+/-0.13
4.75	4	+A	NO	+/-0.13
5.21	4	+B	YES	+/-0.13

11. SCORING:



UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN MILLIMETERS
TOLERANCES ON ANGLE ±1°
XX ± .25
XXX ± .127
INTERPRET DIM AND TOL PER ASME Y14.5M-1994
THIRD ANGLE PROJECTION

DO NOT SCALE DRAWING

APPROVALS

PCB DES.	MI
APP. ENG.	MITCHELL L.

SCALE: NONE

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FAB, RS232/RS485 DUAL MULTIPROTOCOL
TRANSCEIVER WITH INTEGRATED TERMINATION

SIZE	IC NO	REV
N/A	LTC2872IUHF	1
	PCB NO. DEMO CIRCUIT 1851A	

FILENAME: 1851A-1.PCB

SHT 1 of 1