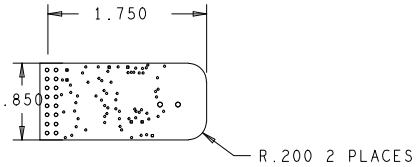
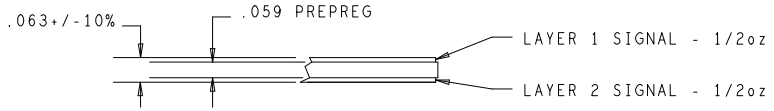
REVISIONS			
REV	DESCRIPTION	DATE	APPROVED
1	ALPHA RELEASE	01/16/08	LKO
2	BETA RELEASE	02/29/08	LKO
**	FINAL RELEASE	09/19/08	LKO





DRILL CHART: TOP to BOTTOM ALL UNITS ARE IN MILS				
FIGURE	SIZE	TOLERANCE	PLATED	QTY
◦	8.0	+3.0/-8.0	PLATED	65
▫	20.0	+3.0/-3.0	PLATED	7
◦	40.0	+3.0/-3.0	PLATED	16
○	60.0	+3.0/-3.0	PLATED	2

NOTES:(UNLESS OTHERWISE SPECIFIED)

1. RoHS COMPLIANT CERTIFICATION OR MATERIAL DECLARATION REQUIRED
2. MATERIAL:
   A. IS410 OR EQUIVALENT. MATERIAL MUST CONFORM TO UL94V-0.
   B. USE HTE COPPER, AS SPECIFIED IN THE CROSS SECTION DIAGRAM
   C. OVERALL METAL TO METAL THICKNESS AS SPECIFIED IN THE CROSS SECTION
3. DRILLING:
   A. DIAMETERS IN DRILL TABLE ARE FINISHED HOLE SIZES +/-.003 tol.
      UNLESS OTHERWISE SPECIFIED IN DRILL TABLE.
   B. TEARDROP ALLOWED ON ENTRY OF VIA ON EVERY TRACE LAYER.
4. PLATING:
      COPPER PLATING IN THRU-HOLES .001 min.
5. MARKING:
   A. SILKSCREEN IN WHITE NON-CONDUCTIVE EPOXY INK ON PRIMARY SIDE OF THE
      BOARD OR BOTH SIDES IF APPLICABLE.
   B. FABRICATOR TO ETCH DATE CODE AND LOGO ON SECONDARY SIDE.
6. FINAL FABRICATION:
   A. SOLDRMASK PRIMARY AND SECONDARY SIDE OF BOARD USING LIQUID PHOTOIMAGABLE
      MASK MATERIAL OVER BARE COPPER. PER IPC-SM-840. MASK ARTWORKS PROVIDED
      ARE 1:1. SOLDERMASK COLOR **BLUE**
7. FINISH:
   A. SHALL BE ELECTROLYTIC NICKEL/GOLD. ELECTROLESS NIKEL / IMMERSION GOLD. (ENIG)
   B. NICKEL THICKNESS: 100-200 MICROINCHES.
   C. GOLD THICKNESS: 3-10 MICROINCHES.
8. BOARDS SHALL BE PURCHASED FROM UL RECOGNIZED VENDORS ONLY AND SHALL BE
   MARKED IN COPPER ON SECONDARY SIDE OF BOARD WITH VENDORS UL IDENT.
   FLAMABILITY RATING (94-VO), DATE CODE (WWYY), AND RoHS COMPILANT SYMBOL.
9. MANUFACTURE BOARD TO BE IN ACCORDANCE WITH PERFORMANCE STANDARD
   IPC-6011/6012 CLASS 2 BOARD TO BE INSPECTED PER IPC-600-A CLASS 2.
10. MAXIMUM WRAP OR TWIST SHALL NOT EXCEED .010 in/in.

UNLESS OTHERWISE SPECIFIED
DIMENSIONS ARE IN INCHES
TOLERANCES ON: ANGLES +/- 2°
2 PL DECIMALS +/- .010
3 PL DECIMALS +/- .005
THIRD ANGLE PROJECTIONS

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SIGNATURES		DATE
DRAWN	LKO	08/14/08
CHECKED	IHA	01/15/08
ENGRG	LKO	08/14/08
ISSUED		

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FABRICATION DRAWING
FIRST TOUCH EXP1
WEATHER STATION

SIZE	FSCM NO	DWG NO	REV
C		PDCR-9441	**

SCALE: 1/1 SHEET: 1 OF 1