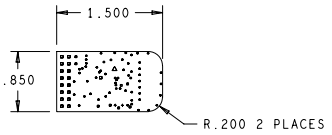
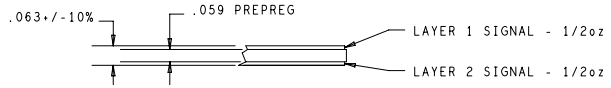
REVISIONS			
REV	DESCRIPTION	DATE	APPROVED
2	RELEASE TO MANUFACTURING	06/04/07	DBD
**	RELEASE TO MANUFACTURING	07/16/07	DBD





DRILL CHART: TOP to BOTTOM ALL UNITS ARE IN MILS				
FIGURE	SIZE	TOLERANCE	PLATED	QTY
·	8.0	+3.0/-8.0	PLATED	60
▫	20.0	+3.0/-3.0	PLATED	8
·	31.0	+3.0/-3.0	PLATED	2
▫	35.0	+3.0/-3.0	PLATED	17
△	75.0	+3.0/-3.0	PLATED	1

NOTES:UNLESS OTHERWISE SPECIFIED

1. RoHS COMPLIANT CERTIFICATION OR MATERIAL DECLARATION REQUIRED
2. MATERIAL:
   A. NELCO 4000-11 OR IS410 OR EQUIVALENT. MATERIAL MUST CONFORM TO UL94V-0.
   B. USE HTE COPPER 1/2 oz. COPPER FOIL EXTERNAL LAYERS AND 1 oz COPPER FOIL FOR INTERNAL LAYERS UNLESS OTHERWISE SPECIFIED IN STACK VIEW.
   C. OVERALL METAL TO METAL THICKNESS .XXX +/- 10%
3. DRILLING:
   A. DIAMETERS IN DRILL TABLE ARE FINISHED HOLE SIZES +/-.003. UNLESS OTHERWISE SPECIFIED IN DRILL TABLE.
   B. TEARDROP ALLOWED ON ENTRY OF VIA ON EVERY TRACE LAYER.
4. PLATING:
   A. 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. FABRICATIOR TO ETCH DATE CODE AND LOGO ON SECONDARY SIDE.
6. FINAL FABRICATION:
   A. SOLDERMASK PRIMARY AND SECONDARY SIDE OF BOARD USING LIQUID PHOTOIMAGABLE. MASK MATERIAL OVER BARE COPPER PER IPC-SM-840. SOLDERMASK COLOR **BLUE**.
7. FINISH:
   A. SHALL BE ELECTROLYTIC NICKEL/GOLD, ELECTROLESS NICKEL/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 IDENTIFICATION. FLAMABILITY RATING (94-VO).DATE CODE (WWYY) AND RoHS COMPLIANT 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 BOW OR TWIST SHALL NOT EXCEED 0.007 in/in.

UNLESS OTHERWISE SPECIFIED	SIGNATURES	DATE
DIMENSIONS ARE IN INCHES		
TOLERANCES ON; ANGLES +/- 2°	DRAWN ZMK	05/18/07
2 PL DECIMALS +/- .010	CHECKED LKR	06/04/07
3 PL DECIMALS +/- .005	ENGRG DBD	06/04/07
THIRD ANGLE PROJECTIONS	ISSUED	

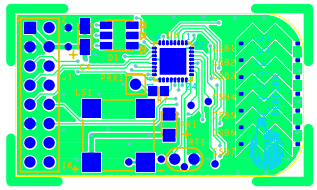
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FABRICATION DRAWING
FIRST TOUCH
MULTI FUNCTION BOARD

SIZE	FSCM NO	DWG NO	REV
C		PDCR-9402	**

SCALE: 1/1 SHEET: 1 OF 1



PDCR-9402 REV ** PRIMARY SIDE

PDCR-9402 REV ** PRIMARY SILKSCREEN

PDCR-9402 REV ** SECONDARY SIDE

PDCR-9402 REV ** SECONDARY SILKSCREEN