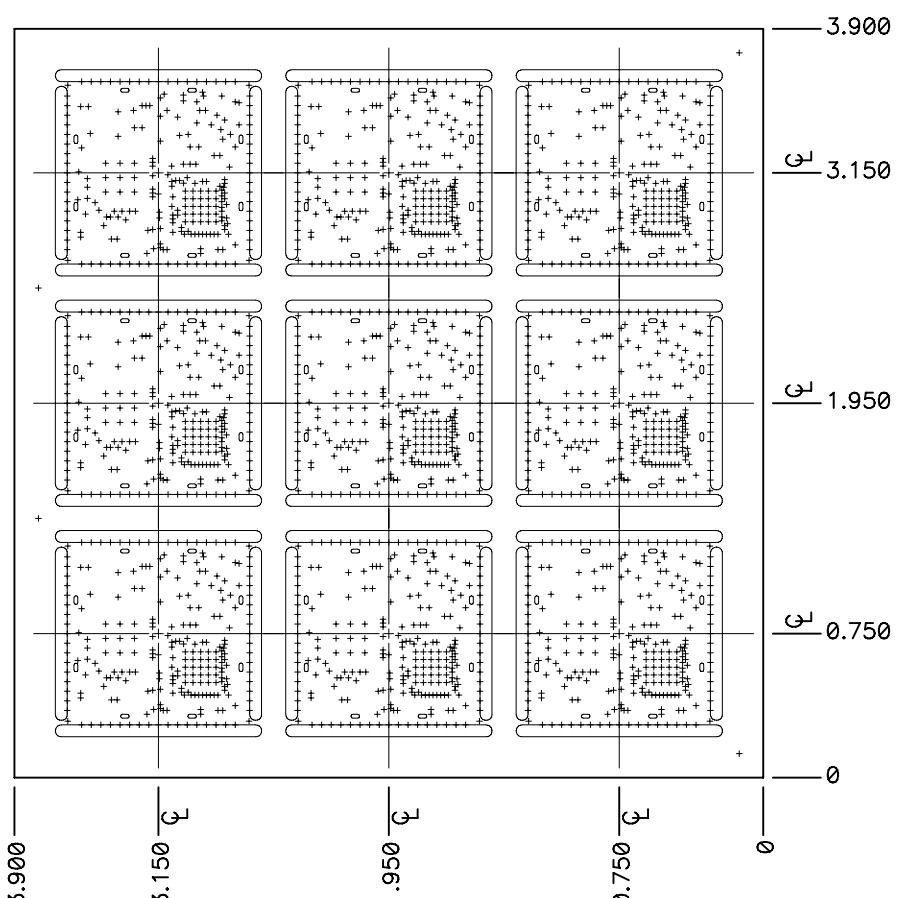


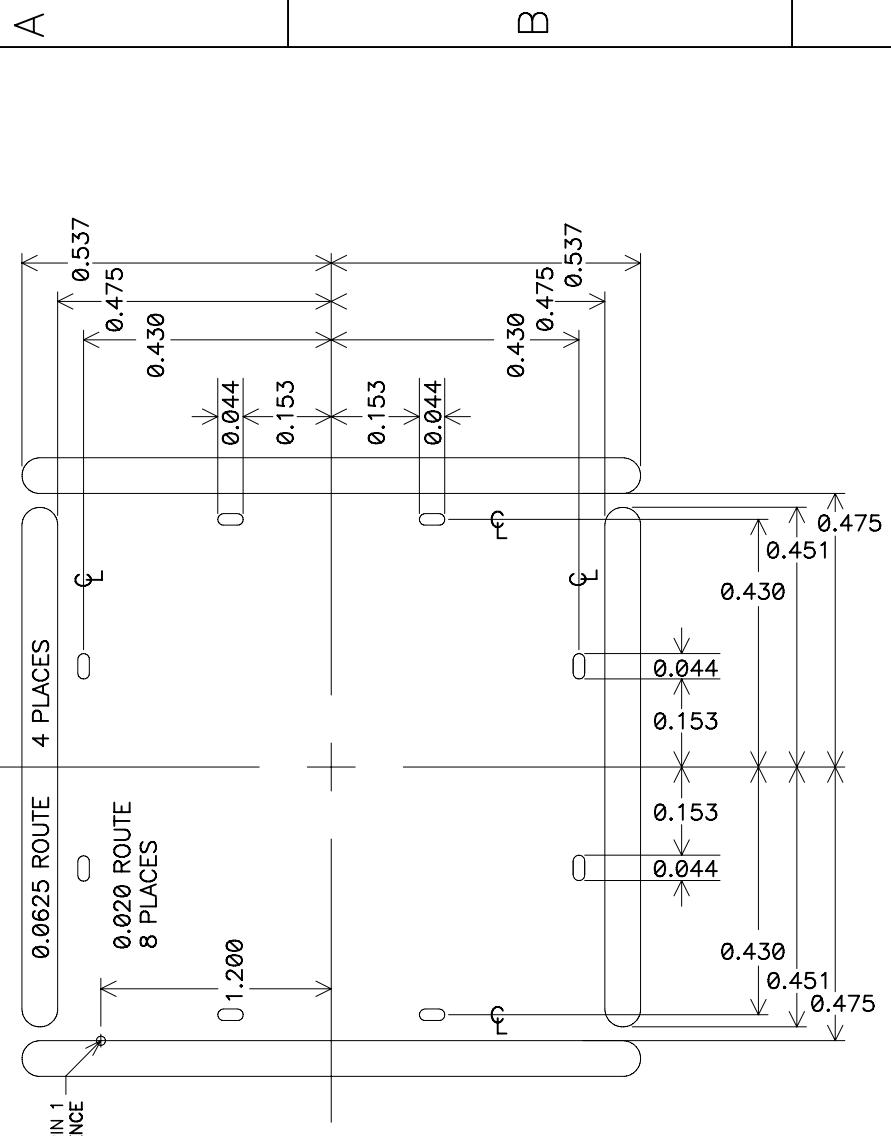
3X DETAIL OF PATTERN ROUTES  
PATTERN IS SYMETRIC ABOUT X AND Y AXIS



A

1

A



2

2

B

3

3

B

4

4

C

5

5

C

NOTES:

1. UNLESS OTHERWISE NOTED, ALL DIMENSIONS ARE IN INCHES.
2. MATERIAL: FINISHED BOARD THICKNESS = SEE ORDER FORM.  
EPOXYGLASS, NEMA TYPE FR-4, EACH LAYER COPPER  
THICKNESS TO BE EQUIVALENT TO 1 OZ./SQ.FT.
3. LAYER STACK: 1) TOP 2) GND 3) ML1 4) BOT  
PLATE ALL HOLES THROUGH 0.0010 INCH MINIMUM COPPER  
PLUS 0.0003 INCH MINIMUM SOLDER SIDEWALL THICKNESS,  
UNLESS NOTED OTHERWISE. ALL HOLE DIAMETERS ARE  
FINISHED SIZES. TOLERANCE IS +/- 0.003 INCH.
4. THERE ARE 2 SOLDER MASKS, TOP (.TSM) & BOTTOM (.BSM).  
SOLDER MASK BOTH SIDES (HYSON SR1020 OR EQUIVALENT)  
OVER BARE COPPER (SMOBC), WITH GOLD ON THE EXPOSED PADS.
5. COMPONENT SCREEN OVER SOLDER MASK, TOP (.TSS) AND BOTTOM (.BSS).
6. USE 0.0625 ROUTER FOR LARGE ROUTED SLOTS, DO NOT PLATE.  
OK TO ROUTE OFF 1/2 OF THE PERIMETER PADS.  
USE 0.020 ROUTER FOR SMALL SLOTS, DO NOT PLATE.

DRILL CHART			
SYM	COUNT	SIZE(in)	PLATED
+	1494	0.008	YES
X	90	0.012	YES
Y	36	0.014	NO
T	612	0.016	YES
Z	4	0.125	NO

TOTAL 2236

Title U.C. BERKELEY

Size B	Number EPIC-CORE	Rev A
Date Sat Jul 07 2007	Drawn by G.MYERS	
Filename EPIC_A.PCB	Sheet of 5	

5

3

2

1