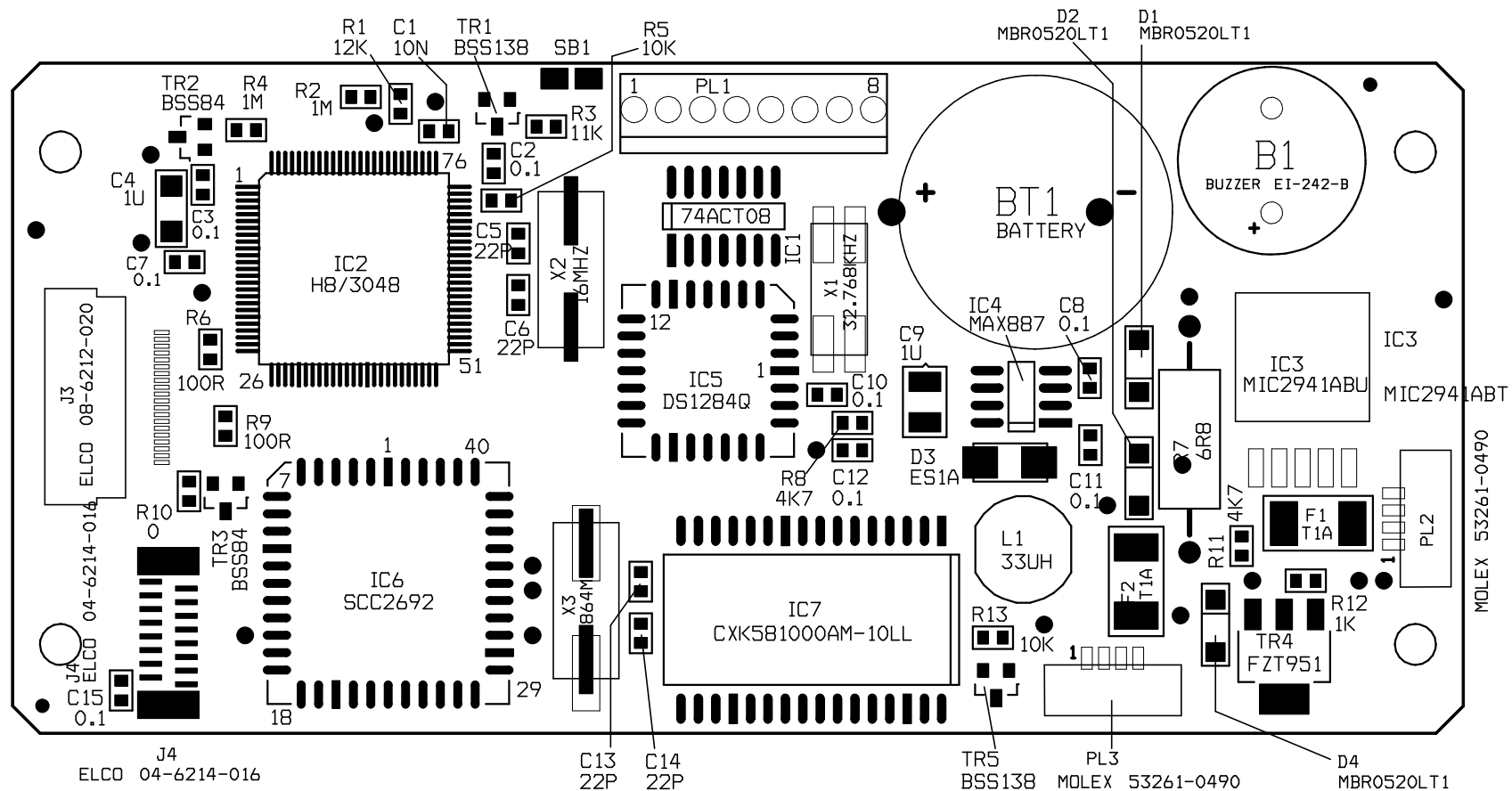
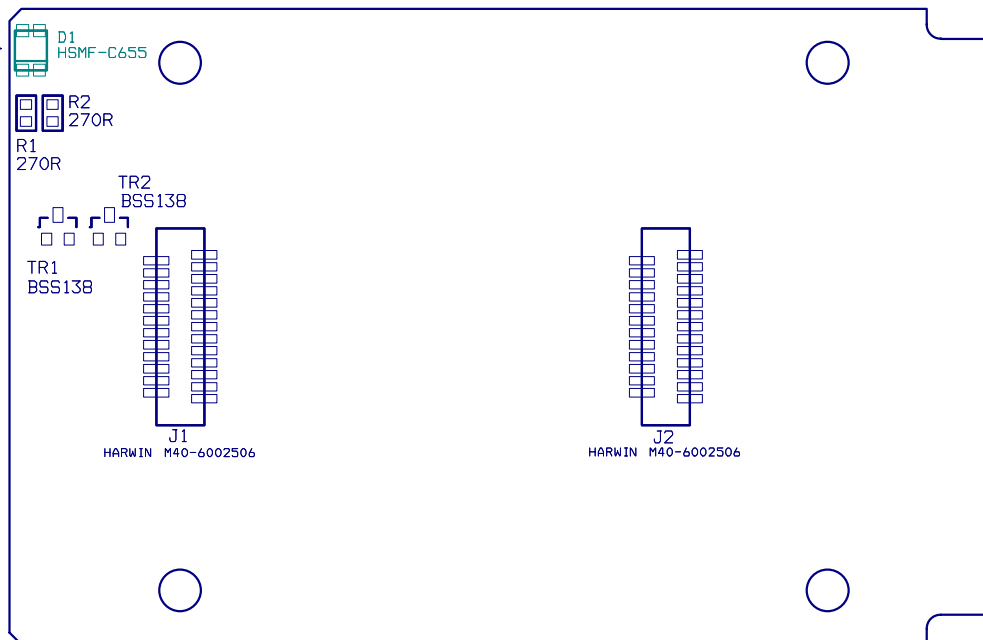




TOP VIEW ASSY VIEWED FROM TOP SIDE

PREMIER GEOGRAFIX LTD	HURRICANE WAY NORMICH NR6 6EW
TITLE: FMU2 CPU TOP ASSY DRAWING	
DRAWING NO: FMU2CPU104.AST ISSUE1	
DRAWN BY: C MERTENS S MCGHEE	
DATE: 15/11/2004	

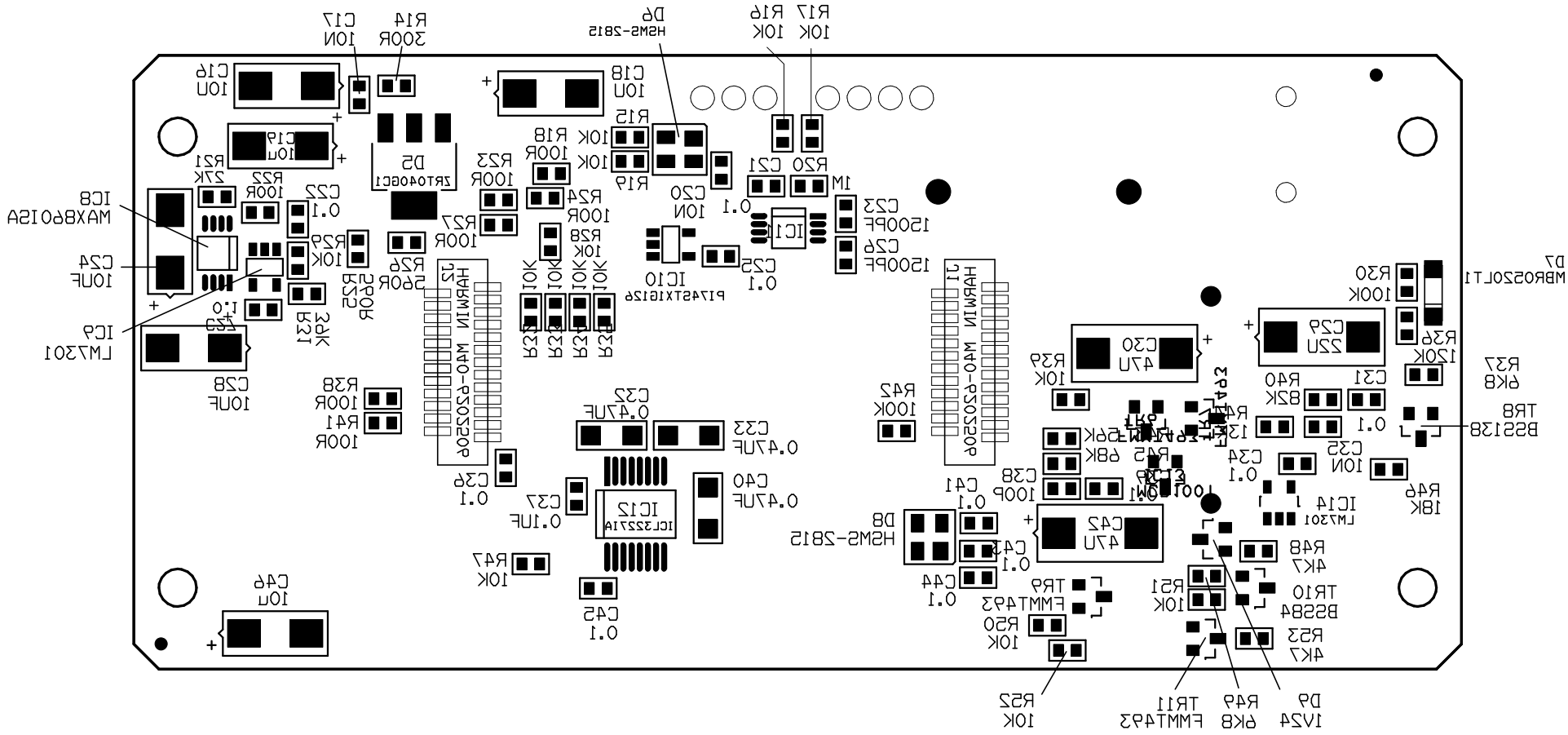
D1 TO BE ASSEMBLED
ON BOTTOM SIDE



TOP VIEW ASSY VIEWED FROM TOP SIDE

PREMIER GEOGRAFIX LTD	HURRICANE WAY NORWICH NR6 6EW
TITLE: FMU2 KEYPAD TOP ASSY DRAWING	
DRAWING NO: FMU2KEYPAD101 ISSUE1.TA	
DRAWN BY: CHRIS MERTENS	
DATE: 23/05/2003	

BOTTOM VIEW ASSY VIEWED FROM BOTTOM SIDE



DATE: 12\11\2004

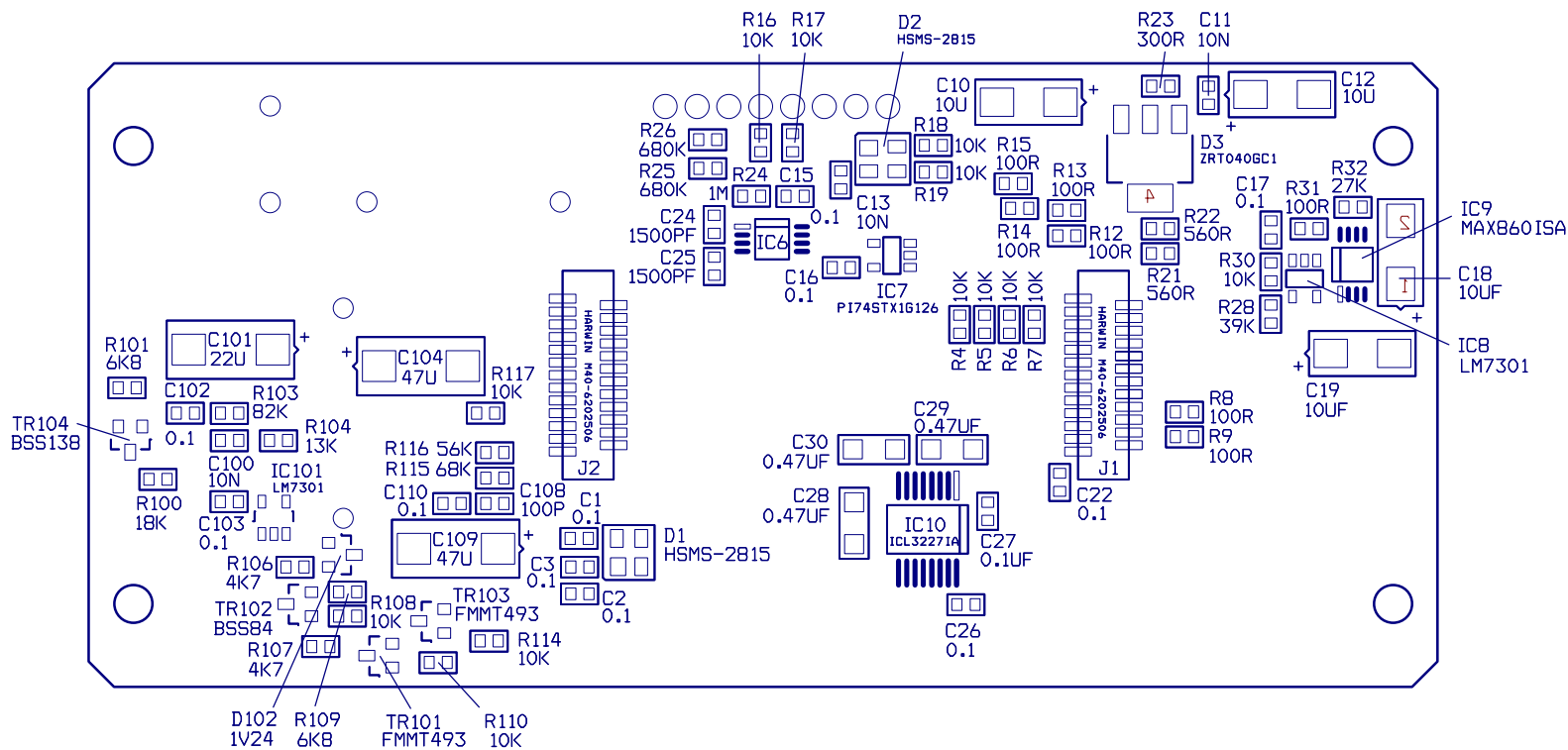
DRAWN BY: C MERTENS 2 MCGHEE

DRAWING NO: FMSZCPU104. ASB 122UE1

TITLE: FMS CPU BOTTOM ASSY DRAWING

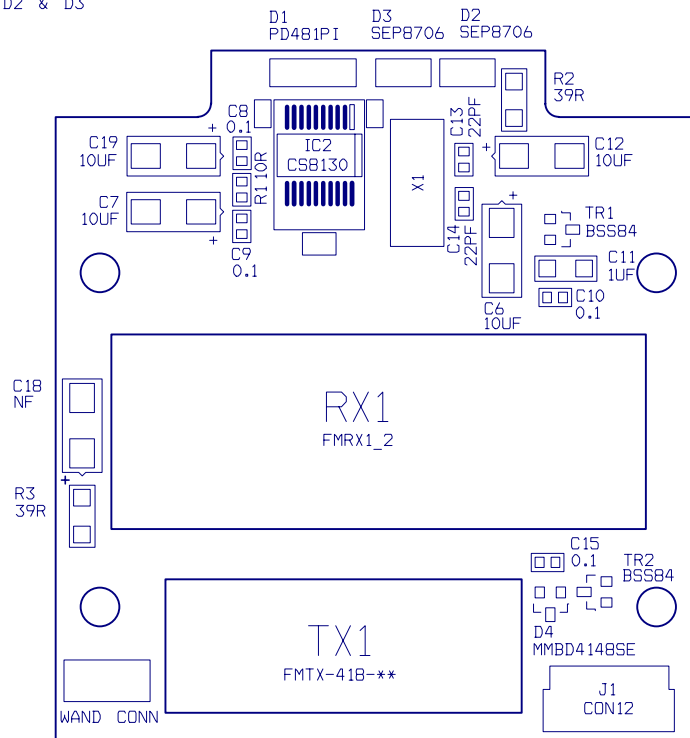
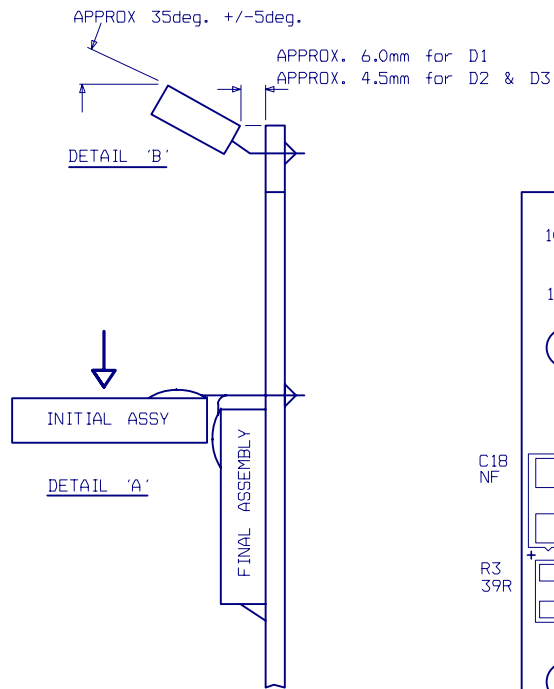
PREMIER GEOGRAPHIX LTD
NORWICH
NR6 6EW

HURRICANE WAY
NAN



BOTTOM VIEW ASSY VIEWED FROM BOTTOM SIDE

PREMIER GEOGRAFIX LTD	HURRICANE WAY NORMICH NR6 6EW
TITLE: FMU2 CPU BOTTOM ASSY DRAWING	
DRAWING NO: FMU2CPU101 ISSUE1.BA	
DRAWN BY: CHRIS MERTENS	
DATE: 23/05/2003	

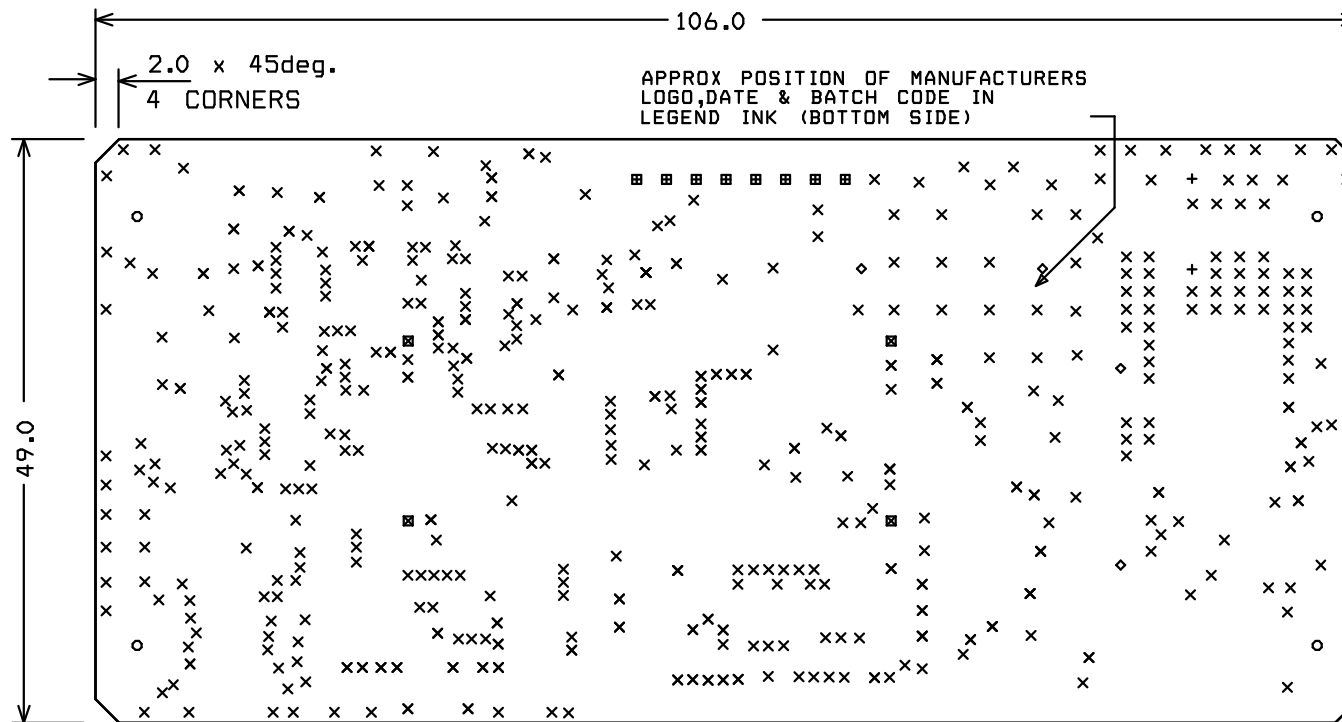


TOP VIEW ASSY VIEWED FROM TOP SIDE

NOTES

1. INSERT RX1 INTO PCB AS SHOWN IN DETAIL 'A' APPLYING A GENTLE FORCE AT 90deg.
SOLDER RX1 LEADS TO BOTTOM SIDE AND ALSO SOLDER RX1 SCREEN ON TOP SIDE (3POS)
REPEAT OPERATION FOR TX1.
2. D1,D2 & D3 TO BE FORMED AT AN ANGLE BEFORE ASSEMBLY TO THE PCB. SEE DETAIL 'B'.

PREMIER GEOGRAFIX LTD	HURRICANE WAY NORWICH NR6 6EW
TITLE: FMU2 COMMS TOP ASSY DRAWING	
DRAWING NO: FMU2COMMS101 ISSUE1.TA	
DRAWN BY: CHRIS MERTENS	
DATE: 09/07/2003	



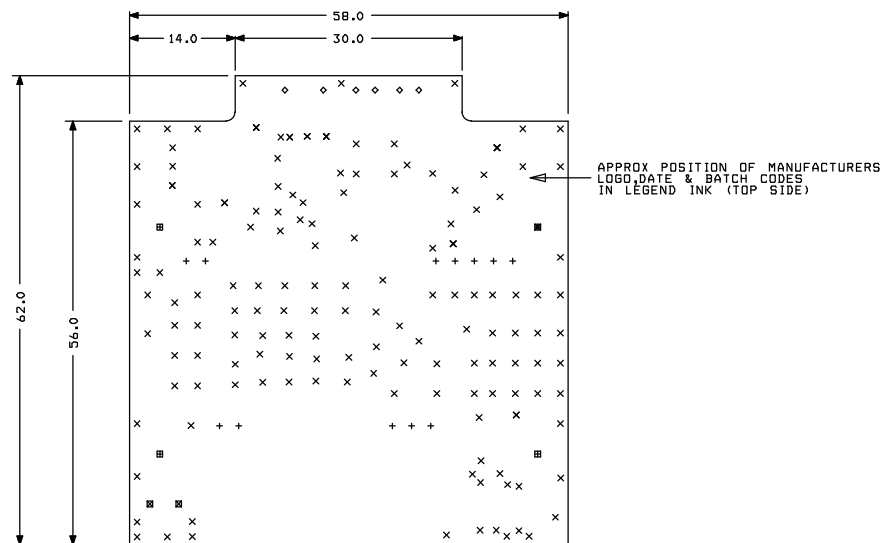
DIMENSIONS IN MILLIMETRES

DRILL CHART				
SYM	DIAM	TOL	QTY	NOTE
x	0.016	+/-0.05	441	
+	0.035	+/-0.05	2	
◇	0.041	+/-0.05	4	
■	0.047	+/-0.05	8	
■	0.051	+/-0.05	4	NON-PLATED
○	0.126	+/-0.05	4	
TOTAL			463	

PCB DETAILS

PART NUMBER FMU2CPU104
 ISSUE 1
 MATERIAL 1.6mm +/-10% FR4
 TYPE 4 LAYER MULTI-LAYER PCB
 COPPER 1oz (35um) INNER LAYERS, 1/2oz (17um) OUTER LAYERS
 FINISH HASL
 SILKSCREEN TOP & BOTTOM, COLOUR - WHITE
 SOLDER RESIST TOP & BOTTOM, COLOUR - GREEN
 TOLERANCE +/-0.15mm

PREMIER GEOGRAFIX LTD	HURRICANE WAY NORWICH NR6 6EW
TITLE: FMU2 CPU PCB DRILL DRAWING	
DRAWING NO: FMU2CPU104.DRD ISSUE1	
DRAWN BY: C MERTENS / S MCGHEE	
DATE: 15/11/2004	



DIMENSIONS IN MILLIMETRES

DRILL CHART				
SYM	DIAM	TOL	QTY	NOTE
x	0.500 mm	+/-0.05	144	
+	0.759 mm		12	
o	0.899 mm	+/-0.05	6	
■	1.600 mm	+/-0.05	2	
■	3.200 mm	+/-0.05	4	
TOTAL			168	

PCB DETAILS

PART NUMBER FMU2COMMS104
 ISSUE 1
 MATERIAL 1.6mm +/-10% FR4
 TYPE DOUBLE-SIDED PTH PCB
 COPPER 1oz (35um)
 FINISH HASL
 SILKSCREEN TOP SIDE ONLY, COLOUR-WHITE
 SOLDER RESIST TOP & BOTTOM SIDES, COLOUR-GREEN
 TOLERANCE +/-0.15mm
 INTERNAL RAD. 1.2mm

PREMIER GEOGRAFIX LTD	HURRICANE WAY NORWICH NR6 6EN
TITLE: FMU2 COMMS PCB DRILL DRAWING	
DRAWING NO: FMU2COMMS104 ISSUE1.DRD	
DRAWN BY: C MERTENS / S MCGHEE	
DATE: 15/11/2004	