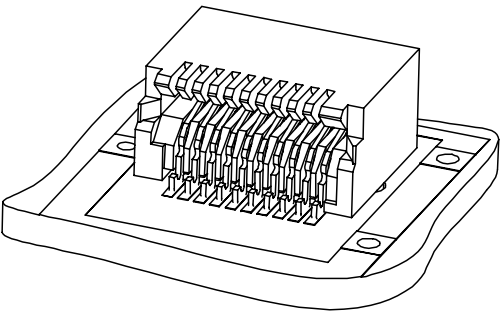


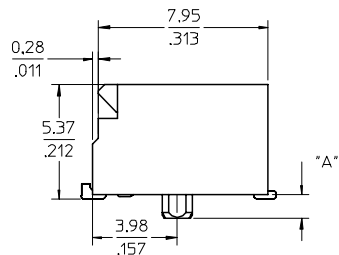
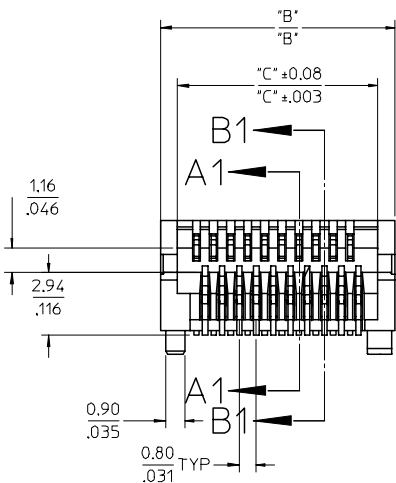
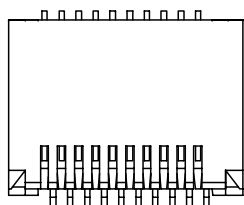
SALES ASSEMBLY DRAWINGS FOR SMALL FORM-FACTOR AND Z AXIS PLUGGABLE CONNECTORS



CIRCUIT SIZE	MSA	CONNECTOR DRAWING	CIRCUIT BOARD DRAWING
20	SFP	PAGE 2	PAGE 3
30	XFP	PAGE 2	PAGE 4
40		PAGE 2	PAGE 5
70	XENPAK XPAK X2	PAGE 2	PAGE 6

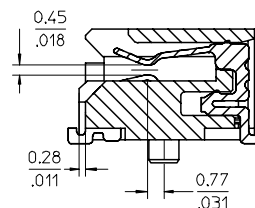
EC NO: UCP2004-0542 DRWN: KSWEENEY 2003/09/19 CHKD: 2003/09/19 APPR: MBANAKIS 2003/09/22	DESCRIPTION REV	QUALITY SYMBOLS ▽ - 0 ▽ - 0	GENERAL TOLERANCES (UNLESS SPECIFIED)		SCALE 1:1	DESIGN UNITS METRIC	THIRD ANGLE PROJECTION	REVISE ON CAD ONLY					
				mm	INCH	DIMENSION STYLE MM/IN		TITLE SALES ASSEMBLY Z AXIS PLUGGABLE PCB CONNECTOR					
			4 PLACES	± ---	± ---	DRAWN BY HAVERY	DATE 00/04/06	MOLEX MOLEX INCORPORATED					
			3 PLACES	± ---	± ---	CHECKED BY KSWEENEY	DATE 00/04/06						
			2 PLACES	± ---	± ---	APPROVED BY MBANAKIS					MATERIAL NO. SEE CHART	DOCUMENT NO. SD-74441-001	SHEET NO. 1 OF 6
			1 PLACE	± ---	± ---	DATE 00/04/06							
			ANGULAR ±1/2°										
			DRAFT WHERE APPLICABLE										
			MUST REMAIN WITHIN DIMENSIONS		THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION								

CKT SIZE	PART NUMBER	DESCRIPTION	*A*	*B*	*C*	*D*	TOOLED
20	74441-0001	PLATED PER NOTE 2	1.10/.043	11.00/.433	9.40/.370	9.60/.378	YES
	74441-0004	PLATED PER NOTE 2	0.76/.030				NO*
	74441-0010	PLATED PER NOTE 3	1.10/.043				YES
	74441-0014	PLATED PER NOTE 3	0.76/.030				NO*
30	74441-0007	PLATED PER NOTE 2	1.10/.043	15.00/.591	13.40/.528	13.60/.535	YES
	74441-0017	PLATED PER NOTE 3	1.10/.043				YES
40	74441-0005	PLATED PER NOTE 2	1.10/.043	19.00/.748	17.40/.685	17.60/.693	YES
	74441-0015	PLATED PER NOTE 3	1.10/.043				YES
70	74441-0003	PLATED PER NOTE 2	1.10/.043	31.00/1.220	29.40/1.157	29.60/1.165	YES
	74441-0013	PLATED PER NOTE 3	1.10/.043				YES

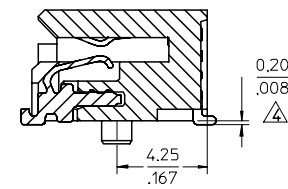


NOTES

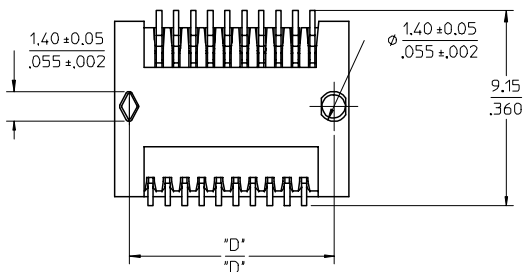
- MATERIAL:
HOUSING - HIGH TEMPERATURE THERMOPLASTIC GLASS FILLED, UL 94V-0, BLACK
TERMINALS - COPPER ALLOY
 - PLATING:
CONTACT AREA - 0.38 μ m MIN GOLD OVER 2.54 μ m MIN NICKEL
SOLDER FOOT AREA - 2.54 - 5.09 μ m 90/10 TIN LEAD OVER 2.54 μ m MIN NICKEL.
 - PLATING:
CONTACT AREA - 0.76 μ m MIN GOLD OVER 2.54 μ m NICKEL
SOLDER AREA - 2.54 - 5.09 μ m 90/10 TIN LEAD OVER 2.54 μ m MIN NICKEL
- △ TERMINAL SOLDER FEET TO BE COPLANAR WITHIN 0.10/.004 FOR 20, 30 AND 40 CIRCUIT CONNECTORS
TERMINAL SOLDER FEET TO BE COPLANAR WITHIN 0.15/.006 FOR 70 CIRCUIT CONNECTOR
- * CONTACT PLANT FOR MORE INFORMATION
 - DATE CODE: 4 DIGIT (3 DIGIT DATE, 1 DIGIT YEAR)



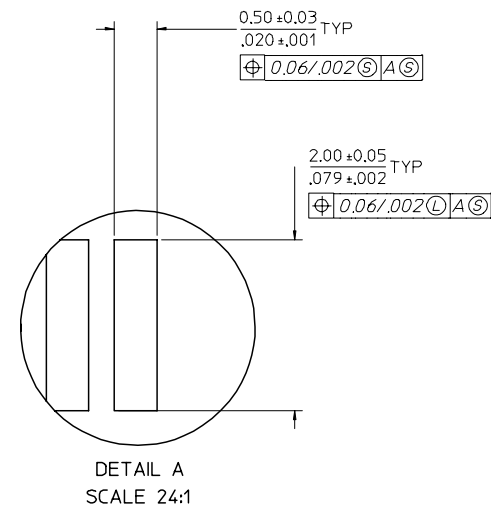
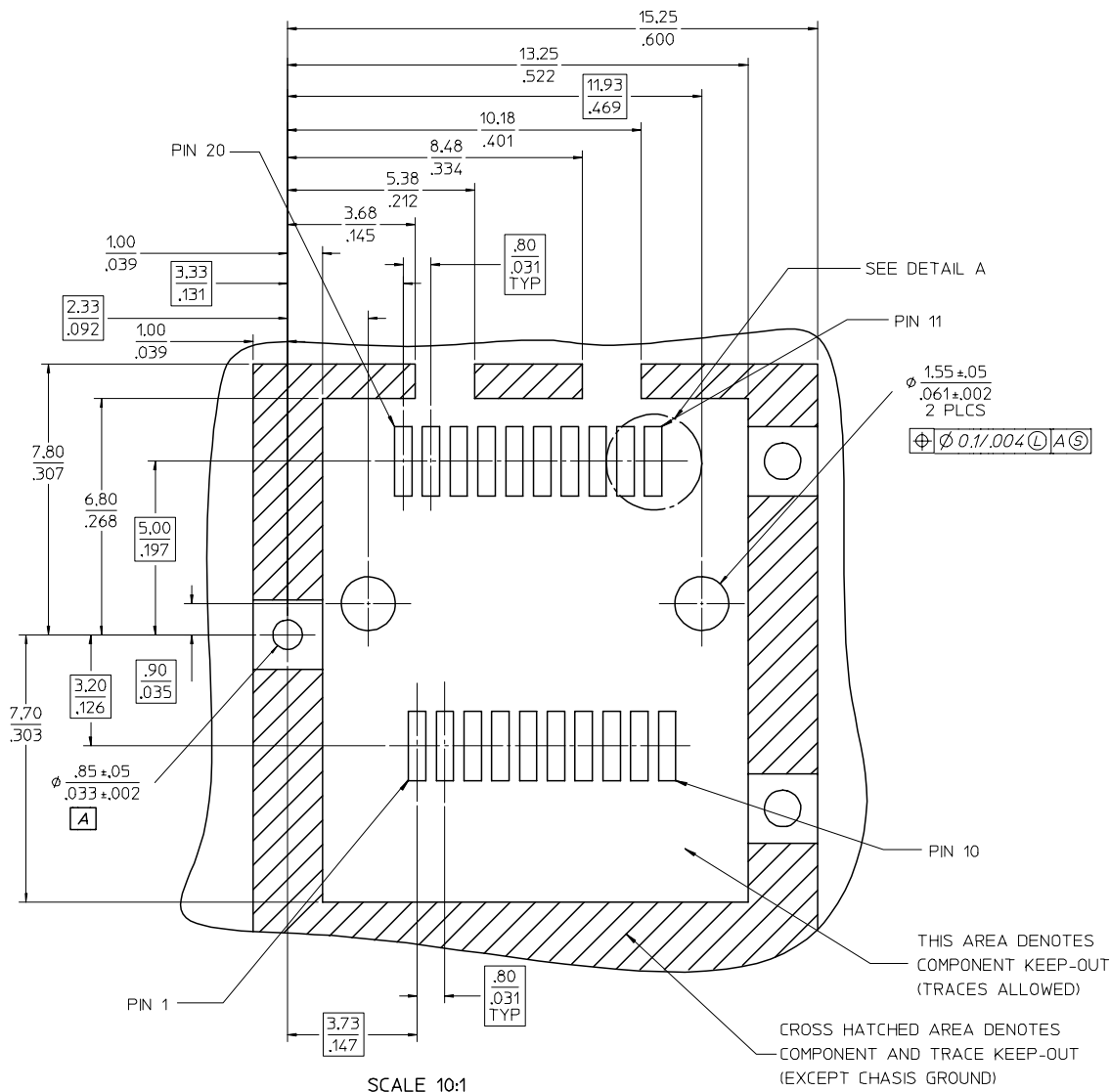
SECTION A1-A1



SECTION B1-B1

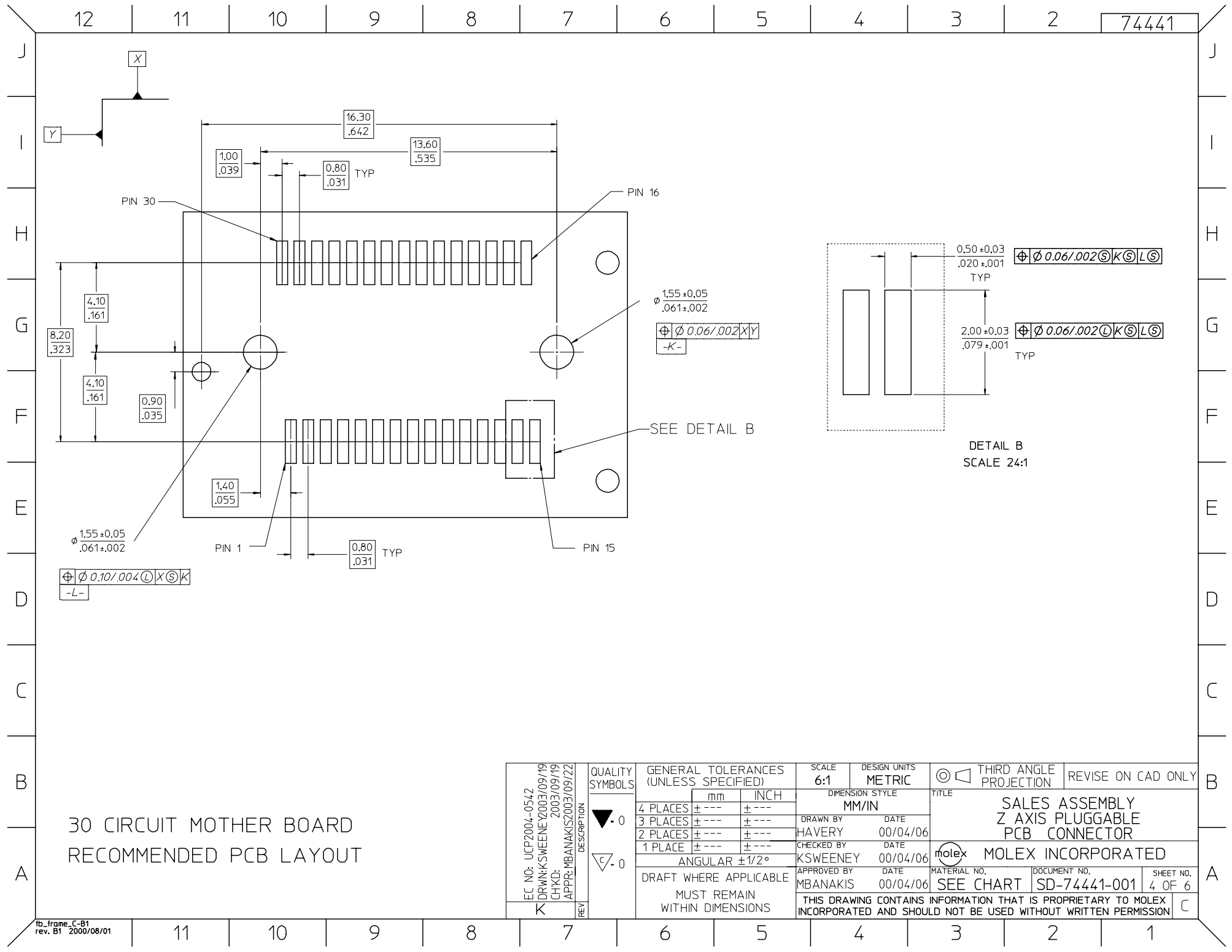


UPDATE EC NO:UCP2004-0542 DRWN:KSWEENE003/09/19 CHK: MBANAKIS003/09/19 APPR:BVEAZIE003/09/22	DESCRIPTION	QUALITY SYMBOLS	GENERAL TOLERANCES (UNLESS SPECIFIED)		SCALE 6:1	DESIGN UNITS METRIC	THIRD ANGLE PROJECTION		REVISE ON CAD ONLY	
		▽-0 ∠-0	mm	INCH	DIMENSION STYLE MM/IN		SALES ASSEMBLY Z AXIS PLUGGABLE PCB CONNECTOR			
			4 PLACES ± ---	± ---	DRAWN BY	DATE				
			3 PLACES ± ---	± ---	HIVERY	00/04/06				
			2 PLACES ± ---	± ---	CHECKED BY	DATE				
K	REV		1 PLACE ± ---	± ---	KSWEENE	00/04/06	MOLEX MOLEX INCORPORATED			
		ANGULAR ± 1/2 °		APPROVED BY	DATE	MATERIAL NO.	DOCUMENT NO.	SHEET NO.		
		DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		MBANAKIS	00/04/06	SEE CHART	SD-74441-001	2 OF 6		
					THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION					C



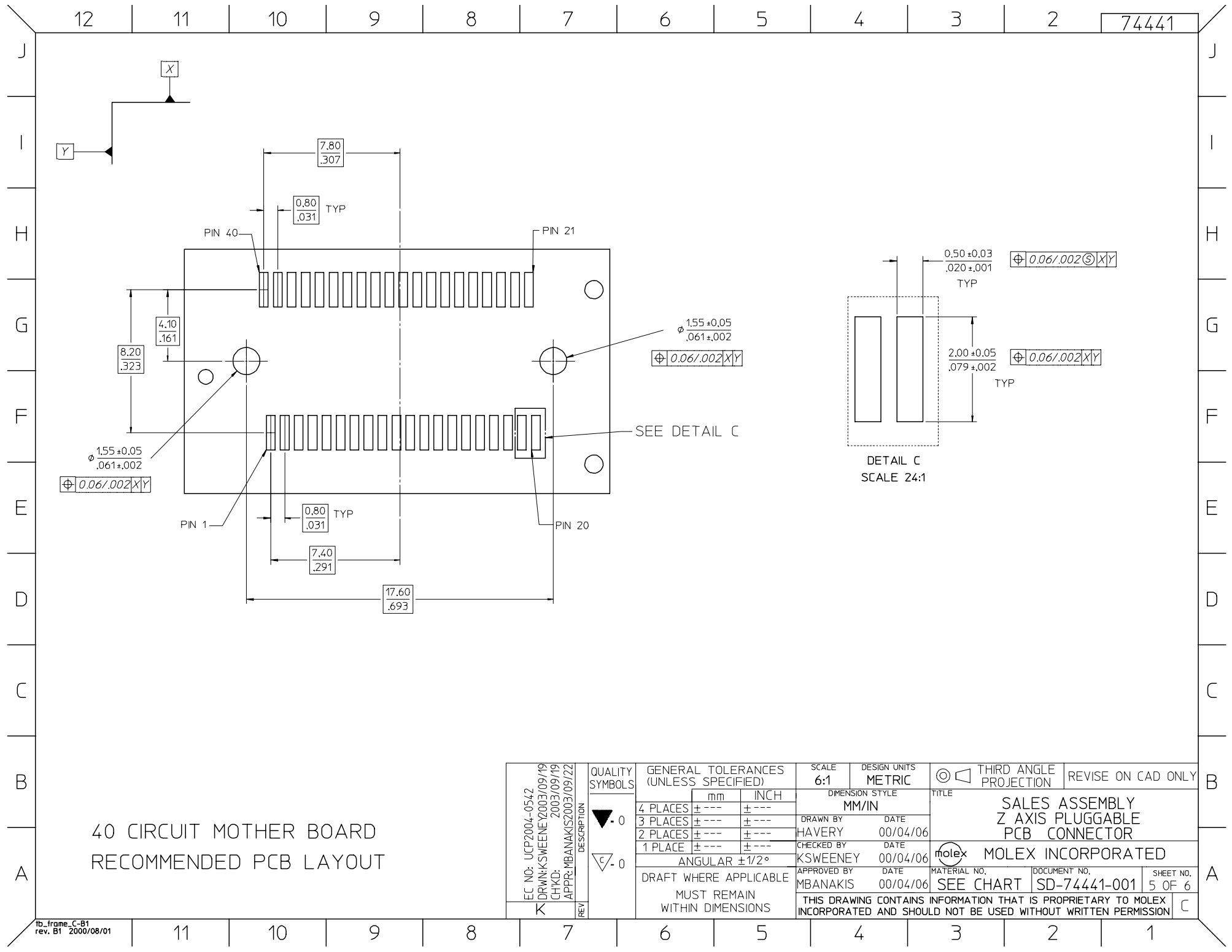
20 CIRCUIT MOTHER BOARD RECOMMENDED PCB LAYOUT

SEE SHT 1 EC NO: UCP2004-0542 DRWN: KSWEENEY03/09/19 CHK: MBANAKIS03/09/19 APPR: BVEAZIE03/09/22	DESCRIPTION	QUALITY SYMBOLS	GENERAL TOLERANCES (UNLESS SPECIFIED)		SCALE 8:1	DESIGN UNITS METRIC	THIRD ANGLE PROJECTION	REVISE ON CAD ONLY	
				mm	INCH	DIMENSION STYLE		SALES ASSEMBLY Z AXIS PLUGGABLE PCB CONNECTOR	
			4 PLACES	± .005	± .0002	MM/IN			
			3 PLACES	± .005	± .0002	DRAWN BY DATE			
			2 PLACES	± .005	± .0002	HIVERY 00/04/06			
			1 PLACE	± .005	± .0002	CHECKED BY DATE			
			ANGULAR ± 1/2 °		KSWEENEY00/04/06		MOLEX MOLEX INCORPORATED		
			DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		APPROVED BY DATE MBANAKIS 00/04/06		MATERIAL NO. SEE SHT 1	DOCUMENT NO. SD-74441-001	SHEET NO. 3 OF 6
					THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION				



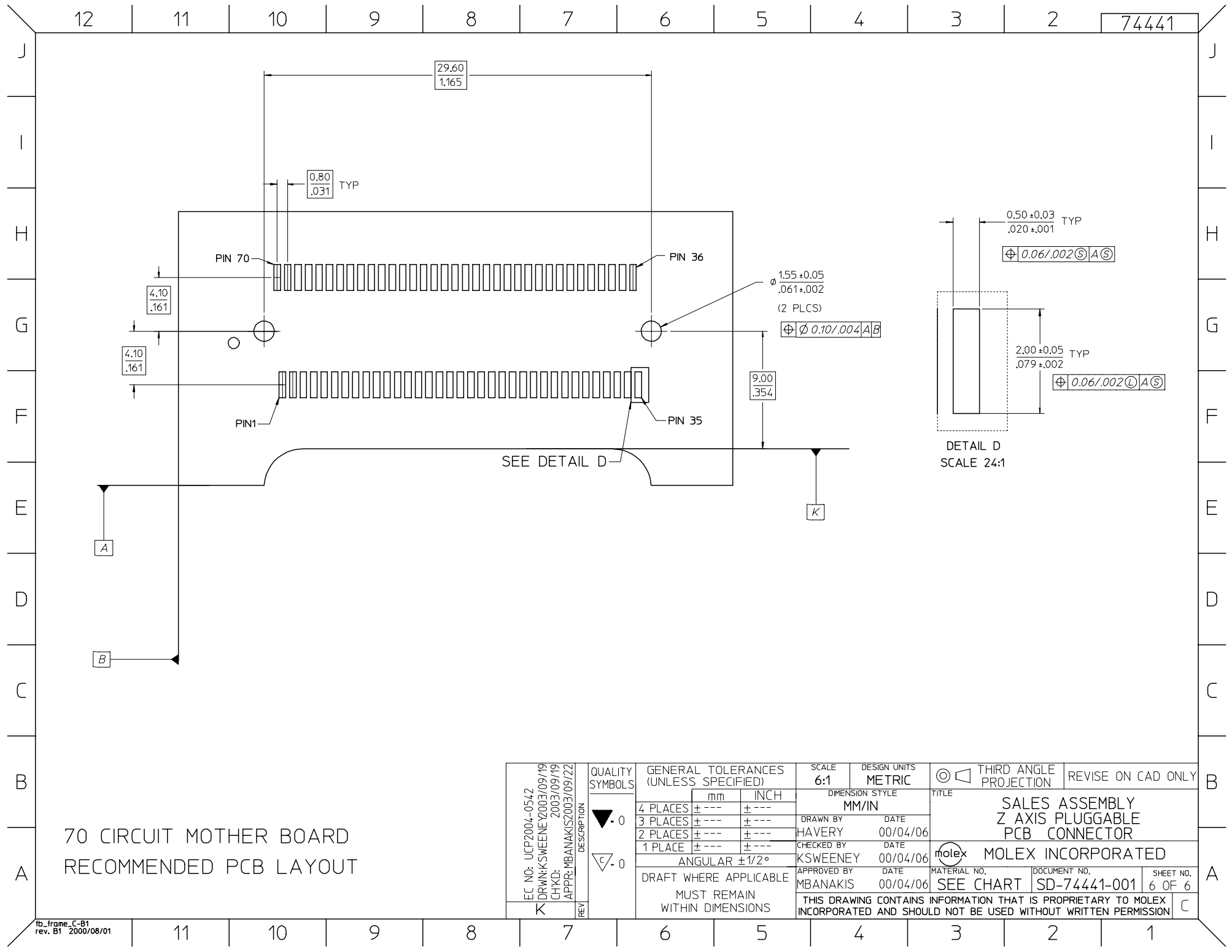
30 CIRCUIT MOTHER BOARD
RECOMMENDED PCB LAYOUT

EC NO: UCP2004-0542 DRWN:KSWEENEY2003/09/19 CHKD: 2003/09/19 APPR:MBANAKIS2003/09/22	DESCRIPTION REV	QUALITY SYMBOLS ▽-0 C-0	GENERAL TOLERANCES (UNLESS SPECIFIED) mm INCH 4 PLACES ± --- ± --- 3 PLACES ± --- ± --- 2 PLACES ± --- ± --- 1 PLACE ± --- ± --- ANGULAR ±1/2° DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS	SCALE 6:1	DESIGN UNITS METRIC DIMENSION STYLE MM/IN	THIRD ANGLE PROJECTION REVISE ON CAD ONLY	TITLE SALES ASSEMBLY Z AXIS PLUGGABLE PCB CONNECTOR		
							MOLEX INCORPORATED		
							MATERIAL NO. SEE CHART	DOCUMENT NO. SD-74441-001	SHEET NO. 4 OF 6
							THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION		



40 CIRCUIT MOTHER BOARD
RECOMMENDED PCB LAYOUT

EC NO: UCP2004-0542 DRWN:KSWEENEY2003/09/19 CHKD: 2003/09/19 APPR:MBANAKIS2003/09/22	QUALITY SYMBOLS ▽-0 C-0	GENERAL TOLERANCES (UNLESS SPECIFIED) mm INCH 4 PLACES ± --- ± --- 3 PLACES ± --- ± --- 2 PLACES ± --- ± --- 1 PLACE ± --- ± --- ANGULAR ±1/2° DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS	SCALE 6:1	DESIGN UNITS METRIC	THIRD ANGLE PROJECTION	REVISE ON CAD ONLY	TITLE		
							SALES ASSEMBLY Z AXIS PLUGGABLE PCB CONNECTOR		
							MOLEX INCORPORATED		
							MATERIAL NO. SEE CHART	DOCUMENT NO. SD-74441-001	SHEET NO. 5 OF 6



70 CIRCUIT MOTHER BOARD
RECOMMENDED PCB LAYOUT

EC NO: UCP2004-0542 DRWN:KSWEENEY2003/09/19 CHKD: 2003/09/19 APPR:MBANAKIS2003/09/22 K	DESCRIPTION REV	QUALITY SYMBOLS -0 -0	GENERAL TOLERANCES (UNLESS SPECIFIED)		SCALE 6:1	DESIGN UNITS METRIC	THIRD ANGLE PROJECTION		REVISE ON CAD ONLY				
				mm	INCH	DIMENSION STYLE MM/IN		TITLE SALES ASSEMBLY Z AXIS PLUGGABLE PCB CONNECTOR					
			4 PLACES	±---	±---	DRAWN BY	DATE						
			3 PLACES	±---	±---	HAVERY	00/04/06						
			2 PLACES	±---	±---	CHECKED BY	DATE						
			1 PLACE	±---	±---	KSWEENEY	00/04/06	MOLEX		MOLEX INCORPORATED			
			ANGULAR ±1/2°			APPROVED BY		DATE	MATERIAL NO.		DOCUMENT NO.	SHEET NO.	
			DRAFT WHERE APPLICABLE			MBANAKIS		00/04/06	SEE CHART		SD-74441-001	6 OF 6	
			MUST REMAIN WITHIN DIMENSIONS			THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION							C