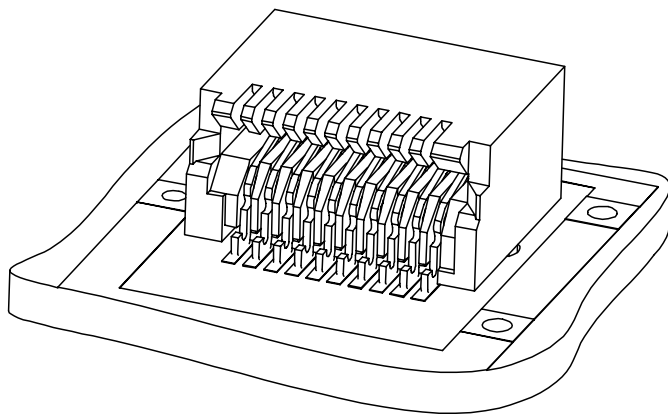


SALES ASSEMBLY DRAWINGS FOR SMALL FORM-FACTOR AND Z AXIS PLUGGABLE CONNECTORS

CKT SIZE	PART NUMBER	TOOLED	DESCRIPTION	"A"	"B"	"C"	"D"	MULTI-SOURCE AGREEMENT	CONNECTOR DRAWING	CIRCUIT BOARD DRAWING
20	74441-0001	YES	PLATED PER NOTE 2	1.10/.043	11.00/.433	9.40/.370	9.60/.378	SFP	PAGE 2	PAGE 3
	74441-0004	NO*	PLATED PER NOTE 2	0.76/.030						
	74441-0010	YES	PLATED PER NOTE 3	1.10/.043						
	74441-0014	NO*	PLATED PER NOTE 3	0.76/.030						
	74441-0021	YES	PLATED PER NOTE 4	1.10/.043						
	74441-0031	YES	PLATED PER NOTE 5	1.10/.043						
30	74441-0007	YES	PLATED PER NOTE 2	1.10/.043	15.00/.591	13.40/.528	13.60/.535	XFP	PAGE 2	PAGE 4
	74441-0017	YES	PLATED PER NOTE 3	1.10/.043						
	74441-0027	YES	PLATED PER NOTE 4	1.10/.043						
40	74441-0005	YES	PLATED PER NOTE 2	1.10/.043	19.00/.748	17.40/.685	17.60/.693		PAGE 2	PAGE 5
	74441-0015	YES	PLATED PER NOTE 3	1.10/.043						
	74441-0025	YES	PLATED PER NOTE 4	1.10/.043						
50	74441-0008	YES	PLATED PER NOTE 2	1.10/.043	23.00/.906	21.4/.843	21.6/.850		PAGE 2	PAGE 6
	74441-0018	YES	PLATED PER NOTE 3	1.10/.043						
70	74441-0028	YES	PLATED PER NOTE 4	1.10/.043	31.00/1.220	29.40/1.157	29.60/1.165	XENPAK XPAK X2	PAGE 2	PAGE 7
	74441-0038	YES	PLATED PER NOTE 5	1.10/.043						
	74441-0003	YES	PLATED PER NOTE 2	1.10/.043						
	74441-0013	YES	PLATED PER NOTE 3	1.10/.043						
	74441-0023	YES	PLATED PER NOTE 4	1.10/.043						
	74441-0033	YES	PLATED PER NOTE 5	1.10/.043						

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 TIN 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 TIN OVER 2.54 μ m MIN NICKEL
- PLATING:
CONTACT AREA - 0.76 μ m MIN GOLD OVER 2.54 μ m NICKEL, LUBRICATED
SOLDER AREA: GOLD FLASH OVER 2.54 μ m MIN NICKEL.
- PLATING:
CONTACT AREA - 0.76 μ m MIN GOLD OVER 2.54 μ m NICKEL,
SOLDER AREA: GOLD FLASH 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)
- CIRCUIT 1 IDENTIFIER LOCATED ON ALL PART NUMBERS



UCP2007-0792 EC NO: UCP2007-0792 DRWN: JLSWENSON 06/10/02 CHKD: 2006/10/12 APPR: MBANAKIS 2006/10/12	QUALITY SYMBOLS	GENERAL TOLERANCES (UNLESS SPECIFIED)		SCALE 1:1	DESIGN UNITS METRIC	THIRD ANGLE PROJECTION	REVISE ON CAD ONLY
	DESCRIPTION REV 0	mm	INCH	DIMENSION STYLE		TITLE	
		4 PLACES ± --- ± ---	3 PLACES ± --- ± ---	MM/IN		SALES ASSEMBLY Z AXIS PLUGGABLE PCB CONNECTOR	
		2 PLACES ±0.13 ±.005	1 PLACE ±0.25 ±.010	DRAWN BY DATE HAVERY 00/04/06		MOLEX INCORPORATED	
	ANGULAR ±1/2°	DRAFT WHERE APPLICABLE		CHECKED BY DATE KSWEENEY 00/04/06	MATERIAL NO. DOCUMENT NO. SHEET NO.		
		MUST REMAIN WITHIN DIMENSIONS		APPROVED BY DATE MBANAKIS 00/04/06	SEE CHART SD-74441-001 1 OF 7		
				THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION			

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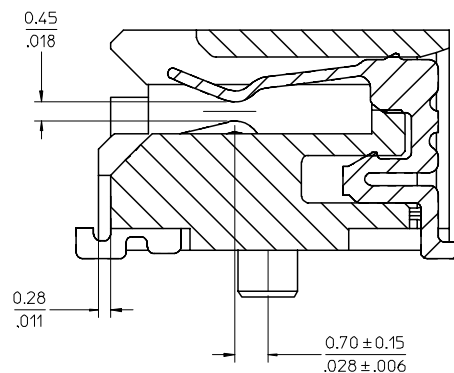
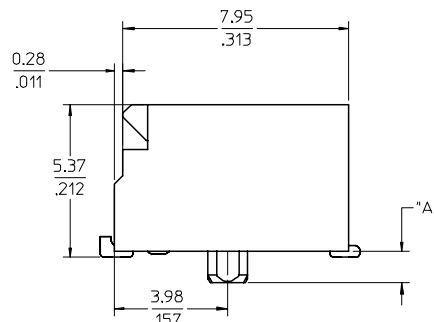
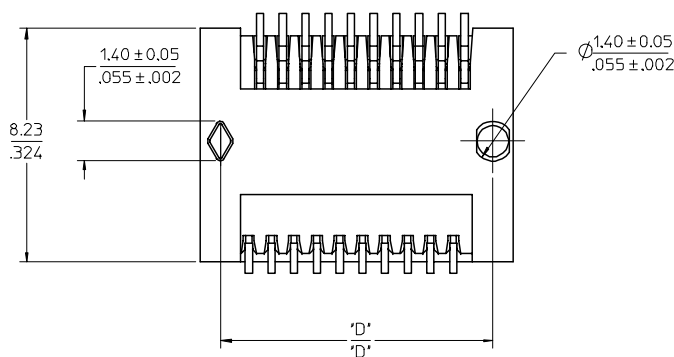
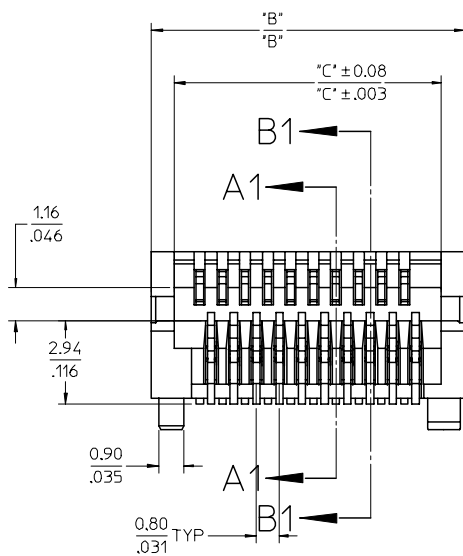
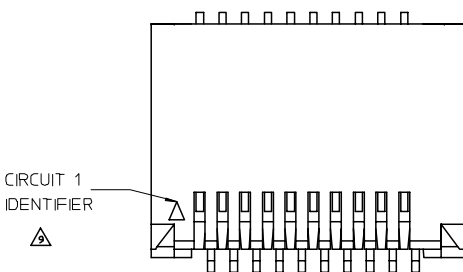
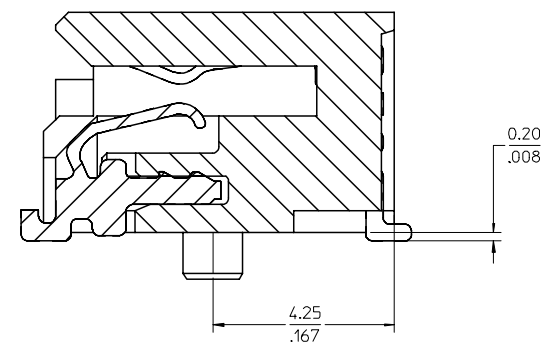
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CIRCUIT 1
IDENTIFIERSECTION A1-A1
SCALE 12:1SECTION B1-B1
SCALE 12:1

EC NO: UCP2007-0792 DRWN: JLSWENS006/10/02 CHK: MBANAKIS006/10/12 APPR: BVEAZE 2006/10/12	QUALITY SYMBOLS ▽ = 0 ▽ = 0	GENERAL TOLERANCES (UNLESS SPECIFIED)		SCALE 6:1	DESIGN UNITS METRIC	THIRD ANGLE PROJECTION	REVISE ON CAD ONLY		
							SALES ASSEMBLY Z AXIS PLUGGABLE PCB CONNECTOR		
							MOLEX INCORPORATED		
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS	REV	4 PLACES ± --- ± --- 3 PLACES ± --- ± --- 2 PLACES ± 0.13 ± .005 1 PLACE ± 0.25 ± .010 ANGULAR ± 1/2 °		DIMENSION STYLE MM/IN DRAWN BY DATE HAVERY 00/04/06 CHECKED BY DATE KSWEENEY00/04/06 APPROVED BY DATE MBANAKIS 00/04/06		MATERIAL NO. SEE CHART		DOCUMENT NO. SD-74441-001	SHEET NO. 2 OF 7
				THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION					

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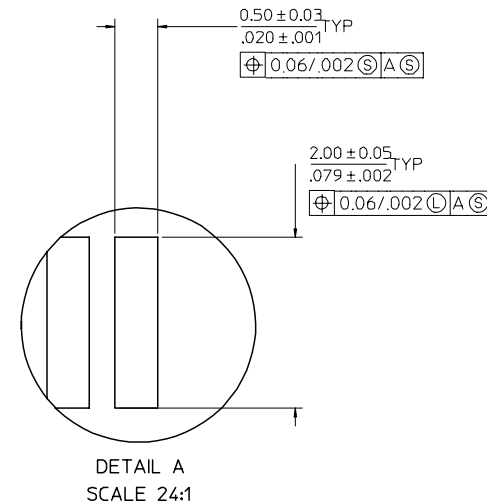
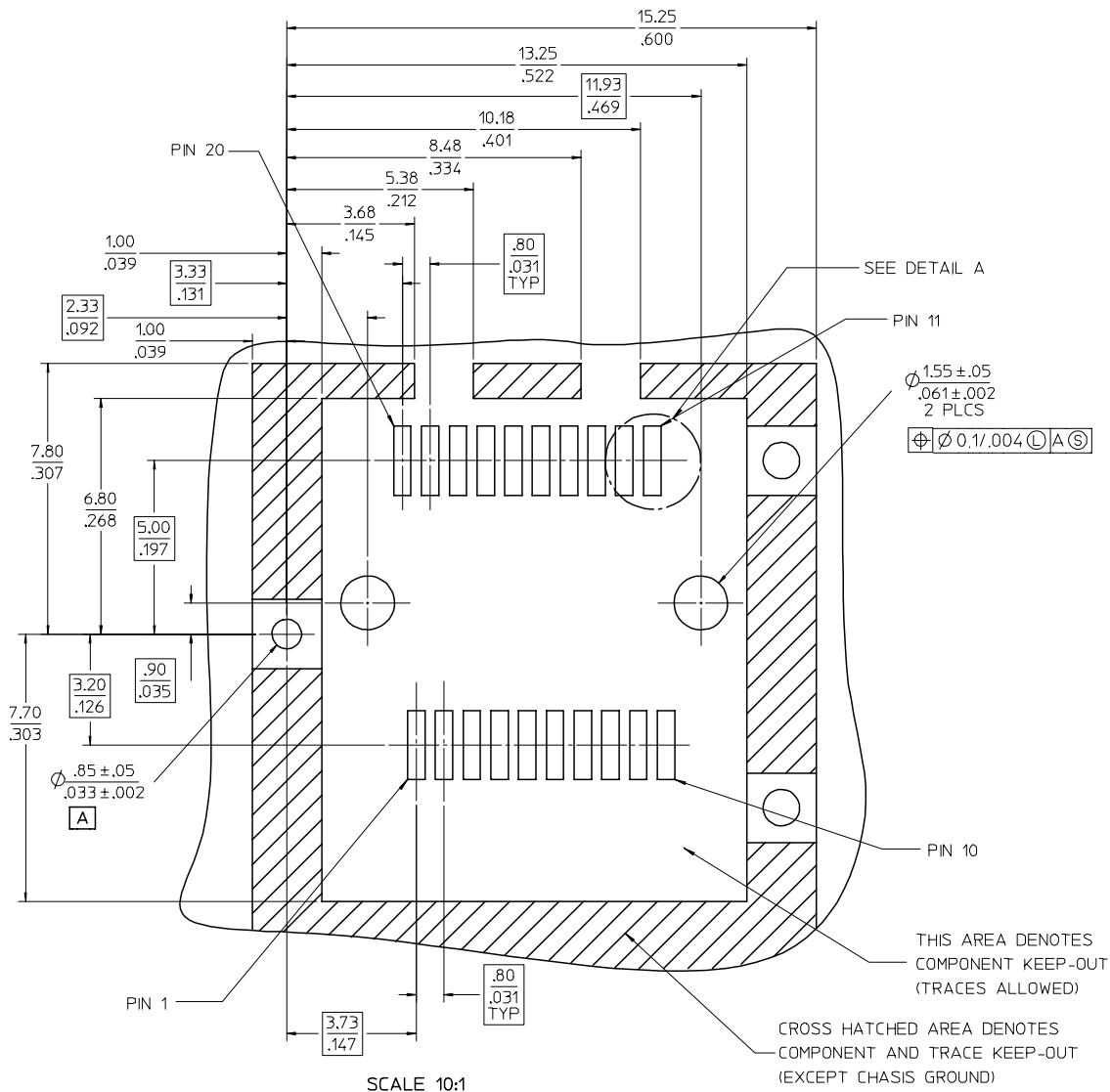
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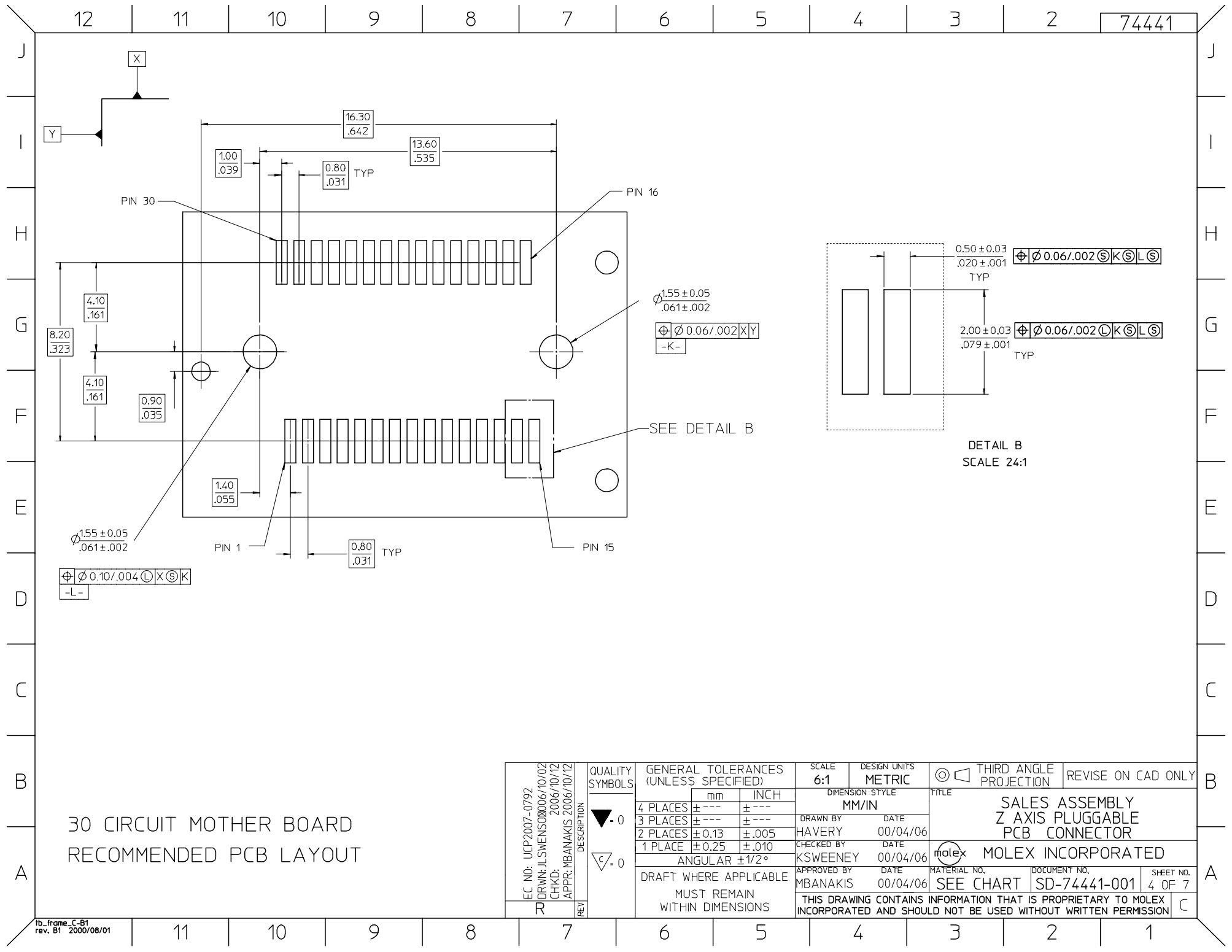
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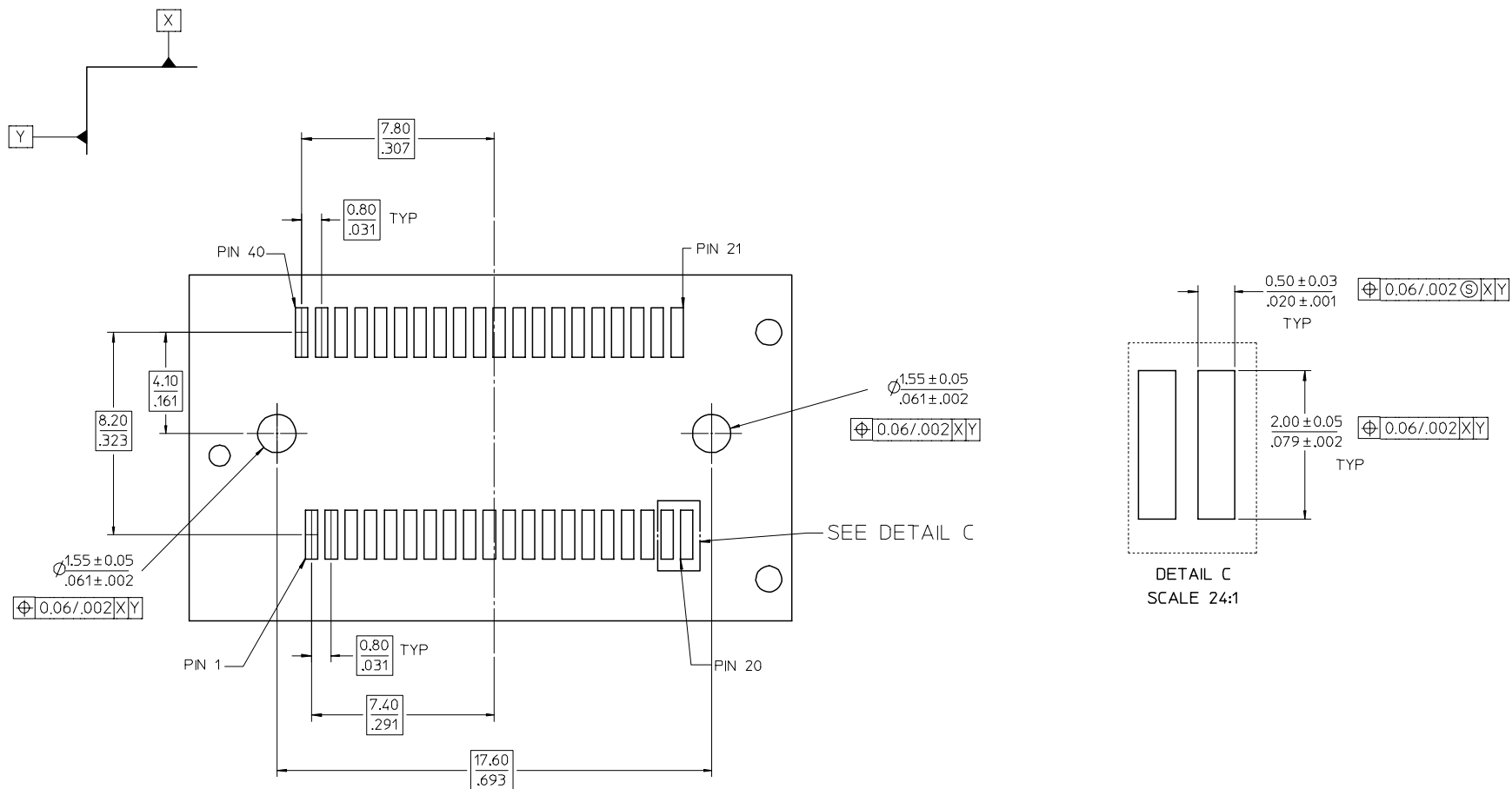
20 CIRCUIT MOTHER BOARD
RECOMMENDED PCB LAYOUT

EC NO: UCP2007-0792 DRWN: JLSWENS006/10/02 CHK: MBANAKIS006/10/12 APPR: BVEAZE 2006/10/12	QUALITY SYMBOLS ▽ = 0 ▽ = 0	GENERAL TOLERANCES (UNLESS SPECIFIED) mm INCH 4 PLACES ± --- ± --- 3 PLACES ± --- ± --- 2 PLACES ± 0.13 ± .005 1 PLACE ± 0.25 ± .010 ANGULAR ± 1/2°	SCALE 8:1 DESIGN UNITS METRIC DIMENSION STYLE MM/IN DRAWN BY DATE HAVERY 00/04/06 CHECKED BY DATE KSWEENEY00/04/06 APPROVED BY DATE MBANAKIS 00/04/06	THIRD ANGLE PROJECTION REVISE ON CAD ONLY SALES ASSEMBLY Z AXIS PLUGGABLE PCB CONNECTOR MOLEX INCORPORATED	MATERIAL NO. SEE SHT 1 DOCUMENT NO. SD-74441-001 SHEET NO. 3 OF 7



30 CIRCUIT MOTHER BOARD
RECOMMENDED PCB LAYOUT

EC NO: UCP2007-0792 DRWN: JLSWENSON 06/10/02 CHKD: 2006/10/12 APPR: MBANAKIS 2006/10/12	QUALITY SYMBOLS ▽=0 ▽=0	GENERAL TOLERANCES (UNLESS SPECIFIED) mm INCH 4 PLACES ± --- ± --- 3 PLACES ± --- ± --- 2 PLACES ± 0.13 ± .005 1 PLACE ± 0.25 ± .010 ANGULAR ±1/2° DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS	SCALE 6:1 DESIGN UNITS METRIC DIMENSION STYLE MM/IN DRAWN BY DATE HAVERY 00/04/06 CHECKED BY DATE KSWEENEY 00/04/06 APPROVED BY DATE MBANAKIS 00/04/06	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 7

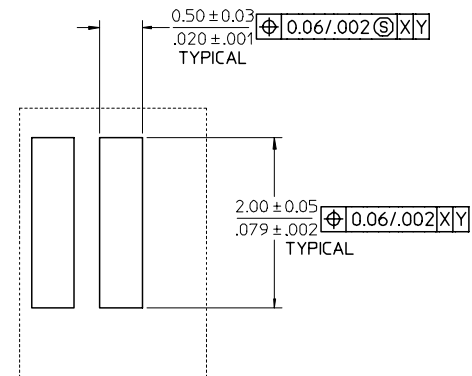
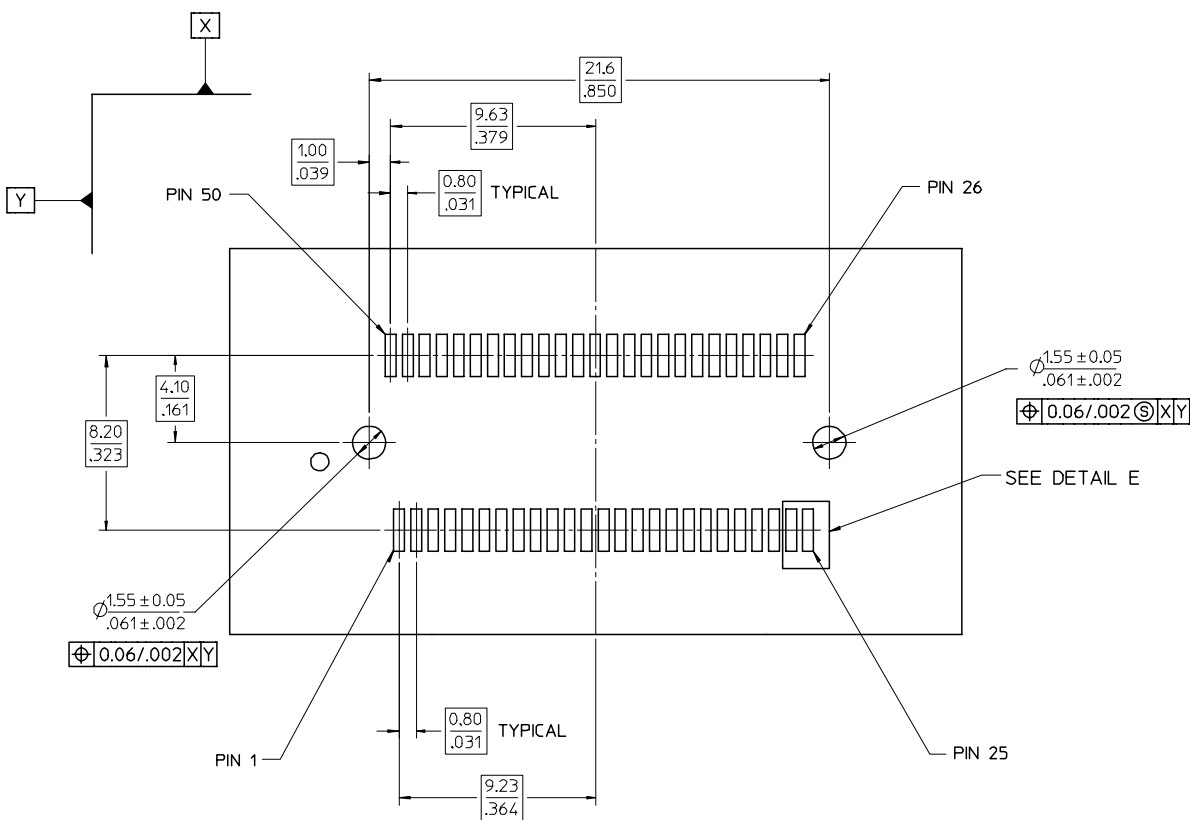


40 CIRCUIT MOTHER BOARD RECOMMENDED PCB LAYOUT

EC NO: UCP2007-0792 DRWN: J L SWENSON 06/10/02 CHKD: 2006/10/02 APPR: MBANAKIS 2006/10/12	DESCRIPTION	QUALITY SYMBOLS	GENERAL TOLERANCES (UNLESS SPECIFIED)			SCALE 6:1	DESIGN UNITS METRIC	 THIRD ANGLE PROJECTION		REVISE ON CAD ONLY					
			mm		INCH	DIMENSION STYLE			TITLE						
						MM/IN			SALES ASSEMBLY Z AXIS PLUGGABLE PCB CONNECTOR						
			4 PLACES	± ---	± ---	DRAWN BY		DATE	MOLEX MOLEX INCORPORATED						
			3 PLACES	± ---	± ---	HAVERY		00/04/06							
REV		 	2 PLACES	± 0.13	± .005	CHECKED BY		DATE	MATERIAL NO.			DOCUMENT NO.		SHEET NO.	
			1 PLACE	± 0.25	± .010	KSWEENEY		00/04/06							
			ANGULAR ± 1/2°			APPROVED BY		DATE	SEE CHART			SD-74441-001		5 OF 7	
			DRAFT WHERE APPLICABLE			MBANAKIS		00/04/06	THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION						
			MUST REMAIN WITHIN DIMENSIONS												

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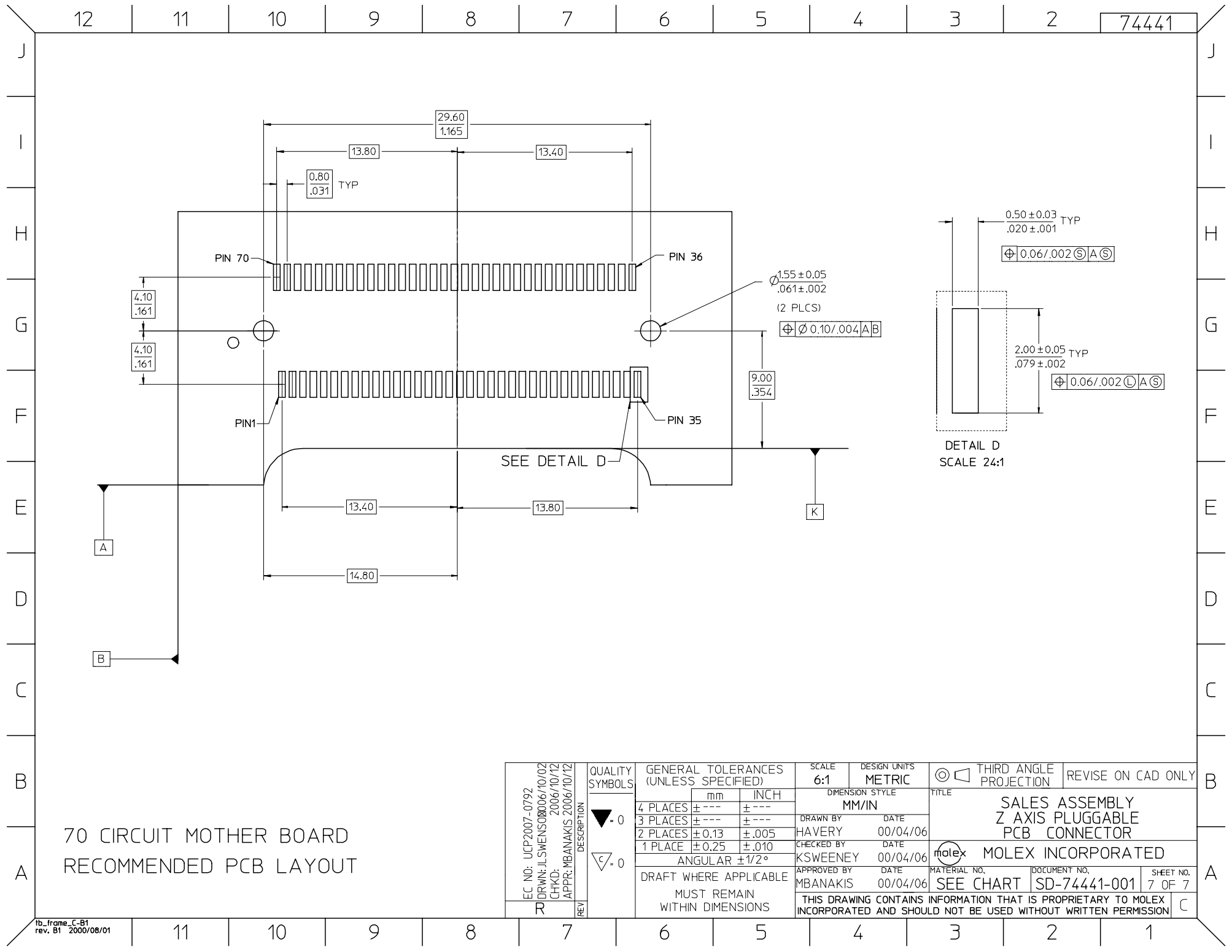
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50 CIRCUIT MOTHER BOARD
RECOMMENDED PCB LAYOUT

EC NO: UCP2007-0792 DRWN: JLSWENSON 06/10/02 CHKD: 2006/10/12 APPR: MBANAKIS 2006/10/12	DESCRIPTION	QUALITY SYMBOLS	GENERAL TOLERANCES (UNLESS SPECIFIED)		SCALE 6:1	DESIGN UNITS METRIC	 THIRD ANGLE PROJECTION	REVISE ON CAD ONLY				
				mm	INCH	DIMENSION STYLE		TITLE				
				MM/IN				SALES ASSEMBLY				
			4 PLACES	± ---	± ---	DRAWN BY	DATE	Z AXIS PLUGGABLE				
			3 PLACES	± ---	± ---	HAVERY	00/04/06	PCB CONNECTOR				
			2 PLACES	± 0.13	± .005	CHECKED BY	DATE	 MOLEX INCORPORATED				
			1 PLACE	± 0.25	± .010	KSWEENEY	00/04/06					
			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 7
						MUST REMAIN WITHIN DIMENSIONS		THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION				

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70 CIRCUIT MOTHER BOARD
RECOMMENDED PCB LAYOUT

EC NO: UCP2007-0792 DRWN: JLSWENSON 06/10/02 CHKD: 2006/10/12 APPR: MBANAKIS 2006/10/12	QUALITY SYMBOLS ▽ = 0 ▽ = 0	GENERAL TOLERANCES (UNLESS SPECIFIED) mm INCH 4 PLACES ± --- ± --- 3 PLACES ± --- ± --- 2 PLACES ± 0.13 ± .005 1 PLACE ± 0.25 ± .010 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. 7 OF 7