

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						
30	74441-0031	YES	PLATED PER NOTE 5	1.10/.043	15.00/.591	13.40/.528	13.60/.535	XFP	PAGE 2	PAGE 4
	74441-0007	YES	PLATED PER NOTE 2	1.10/.043						
	74441-0017	YES	PLATED PER NOTE 3	1.10/.043						
40	74441-0027	YES	PLATED PER NOTE 4	1.10/.043	19.00/.748	17.40/.685	17.60/.693		PAGE 2	PAGE 5
	74441-0005	YES	PLATED PER NOTE 2	1.10/.043						
	74441-0015	YES	PLATED PER NOTE 3	1.10/.043						
50	74441-0025	YES	PLATED PER NOTE 4	1.10/.043	23.00/.906	21.4/.843	21.6/.850		PAGE 2	PAGE 6
	74441-0008	YES	PLATED PER NOTE 2	1.10/.043						
	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

1. MATERIAL:

HOUSING - HIGH TEMPERATURE THERMOPLASTIC GLASS FILLED, UL 94V-0, BLACK
TERMINALS - COPPER ALLOY

2. 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.

3. 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

4. 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.

5. PLATING:

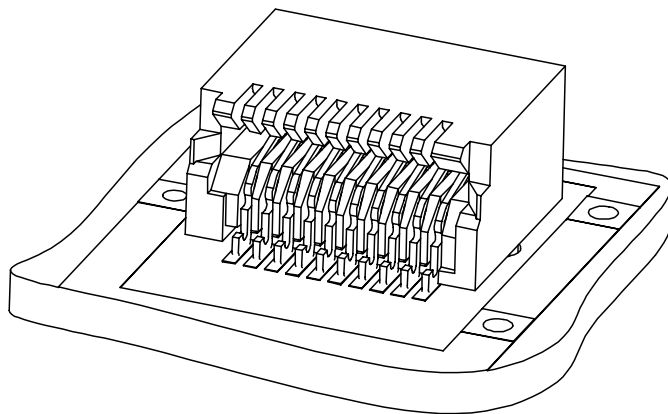
CONTACT AREA - 0.76 μ m MIN GOLD OVER 2.54 μ m NICKEL,
SOLDER AREA: GOLD FLASH OVER 2.54 μ m MIN NICKEL.

6. 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

7. * CONTACT PLANT FOR MORE INFORMATION

8. DATE CODE: 4 DIGIT (3 DIGIT DATE, 1 DIGIT YEAR)

9. CIRCUIT 1 IDENTIFIER LOCATED ON ALL PART NUMBERS



UCP2005-2057 EC NO: UCP2005-2057 DRWN: KMULVEY 2005/03/30 CHKD: 2005/03/31 APPR: MBANAKIS/2005/04/05	QUALITY SYMBOLS	GENERAL TOLERANCES (UNLESS SPECIFIED)		SCALE 1:1	DESIGN UNITS METRIC	THIRD ANGLE PROJECTION	REVISE ON CAD ONLY	
	0 0			DIMENSION STYLE MM/IN		TITLE		
		4 PLACES	± ---	± ---	DRAWN BY HAVERY		DATE 00/04/06	
		3 PLACES	± ---	± ---	CHECKED BY KSWEENEY		DATE 00/04/06	
		2 PLACES	± ---	± ---	APPROVED BY MBANAKIS		DATE 00/04/06	
		1 PLACE	± ---	± ---	MATERIAL NO. SEE CHART		DOCUMENT NO. SD-74441-001	
		ANGULAR ±1/2°		THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION		SHEET NO. 1 OF 7		
		DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS						

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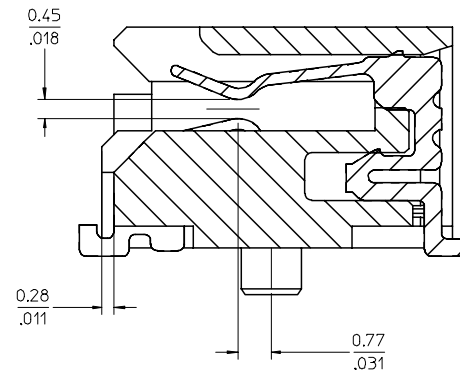
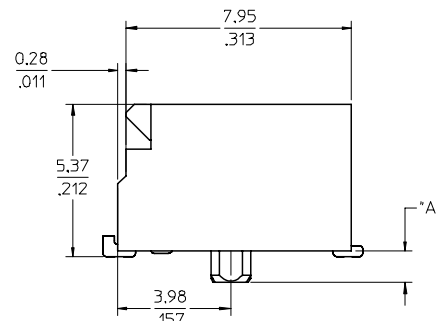
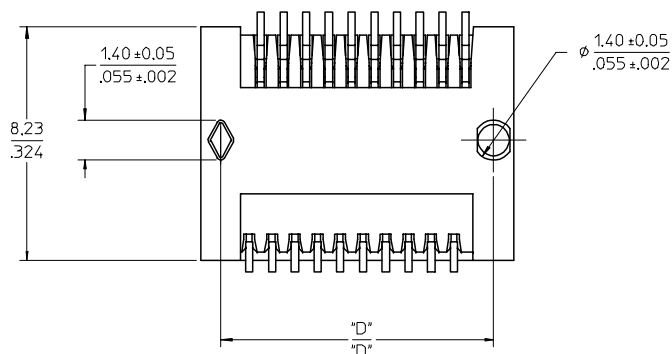
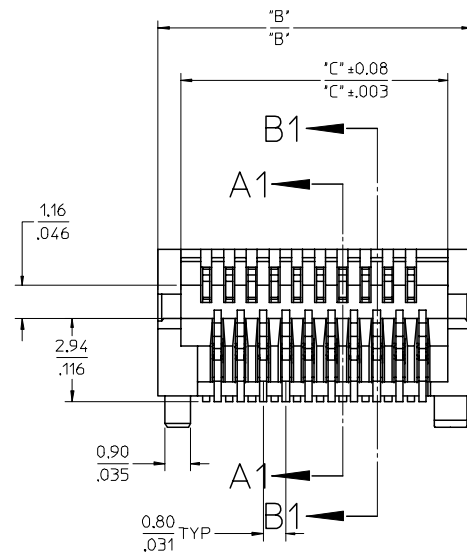
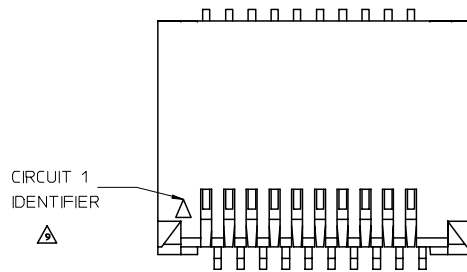
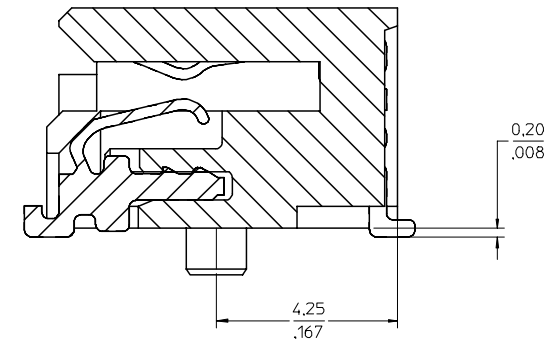
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CIRCUIT 1
IDENTIFIERSECTION A1-A1
SCALE 12:1SECTION B1-B1
SCALE 12:1

EC NO:UCP2005-2057 DRWN:KMLVE2005/03/30 CHK: MBANAKIS005/03/31 APPR:BVE/AZE2005/04/05		DESCRIPTION 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		SALES ASSEMBLY Z AXIS PLUGGABLE PCB CONNECTOR				
			4 PLACES	± ---	± ---	DRAWN BY DATE		MOLEX INCORPORATED			
			3 PLACES	± ---	± ---	HAVERY 00/04/06					
			2 PLACES	± ---	± ---	CHECKED BY DATE					
			1 PLACE	± ---	± ---	KSWEENEY00/04/06					
			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 7		
							THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION				
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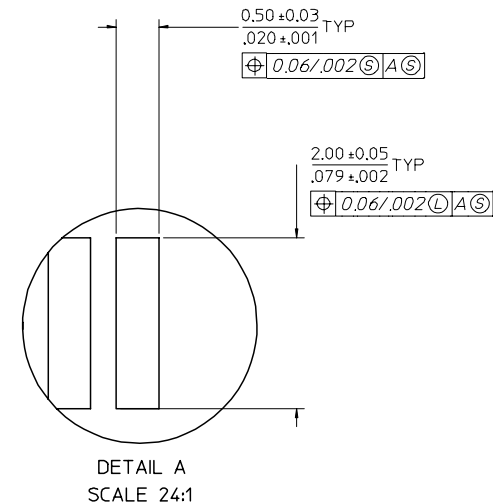
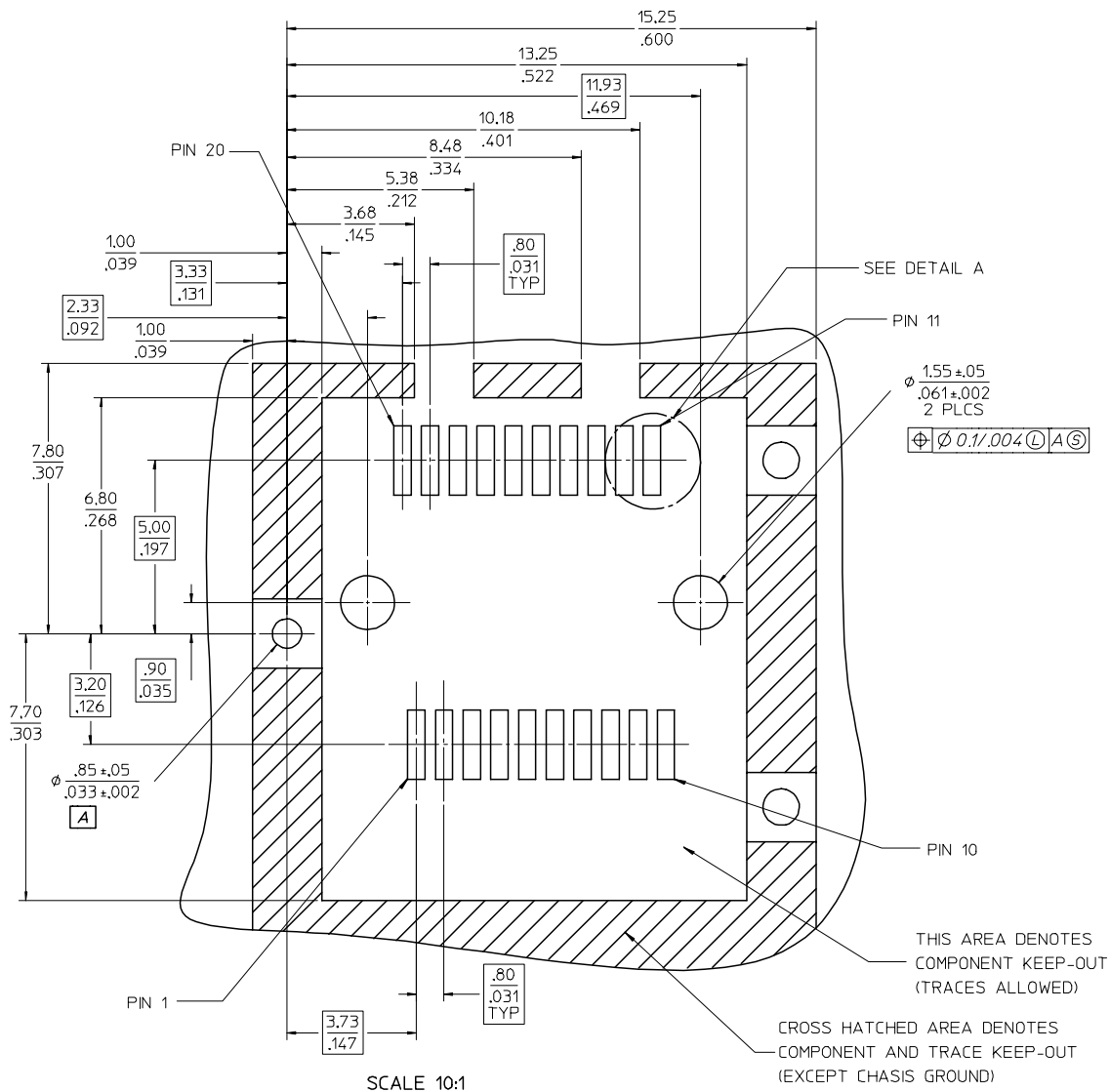
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20 CIRCUIT MOTHER BOARD RECOMMENDED PCB LAYOUT

EC NO:UCF2005-2057 DRWN:KMULVEY2005/03/30 CHK: MBANAKIS005/03/31 APPR:BVEAZIE2005/04/05		DESCRIPTION	QUALITY SYMBOLS	GENERAL TOLERANCES (UNLESS SPECIFIED)		SCALE 8:1	DESIGN UNITS METRIC	THIRD ANGLE PROJECTION	REVISE ON CAD ONLY	
			0		mm	INCH	DIMENSION STYLE		SALES ASSEMBLY Z AXIS PLUGGABLE PCB CONNECTOR	
				4 PLACES	± ---	± ---	MM/IN			
				3 PLACES	± ---	± ---	DRAWN BY DATE			
				2 PLACES	± ---	± ---	HAVERY 00/04/06			
			0	1 PLACE	± ---	± ---	CHECKED BY DATE		MOLEX MOLEX INCORPORATED	
				ANGULAR ± 1/2 °		KSWEENEY00/04/06				
			DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS				APPROVED BY DATE	MATERIAL NO.	DOCUMENT NO.	SHEET NO.
							MBANAKIS 00/04/06	SEE SHT 1	SD-74441-001	3 OF 7
Q			REV	THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION						

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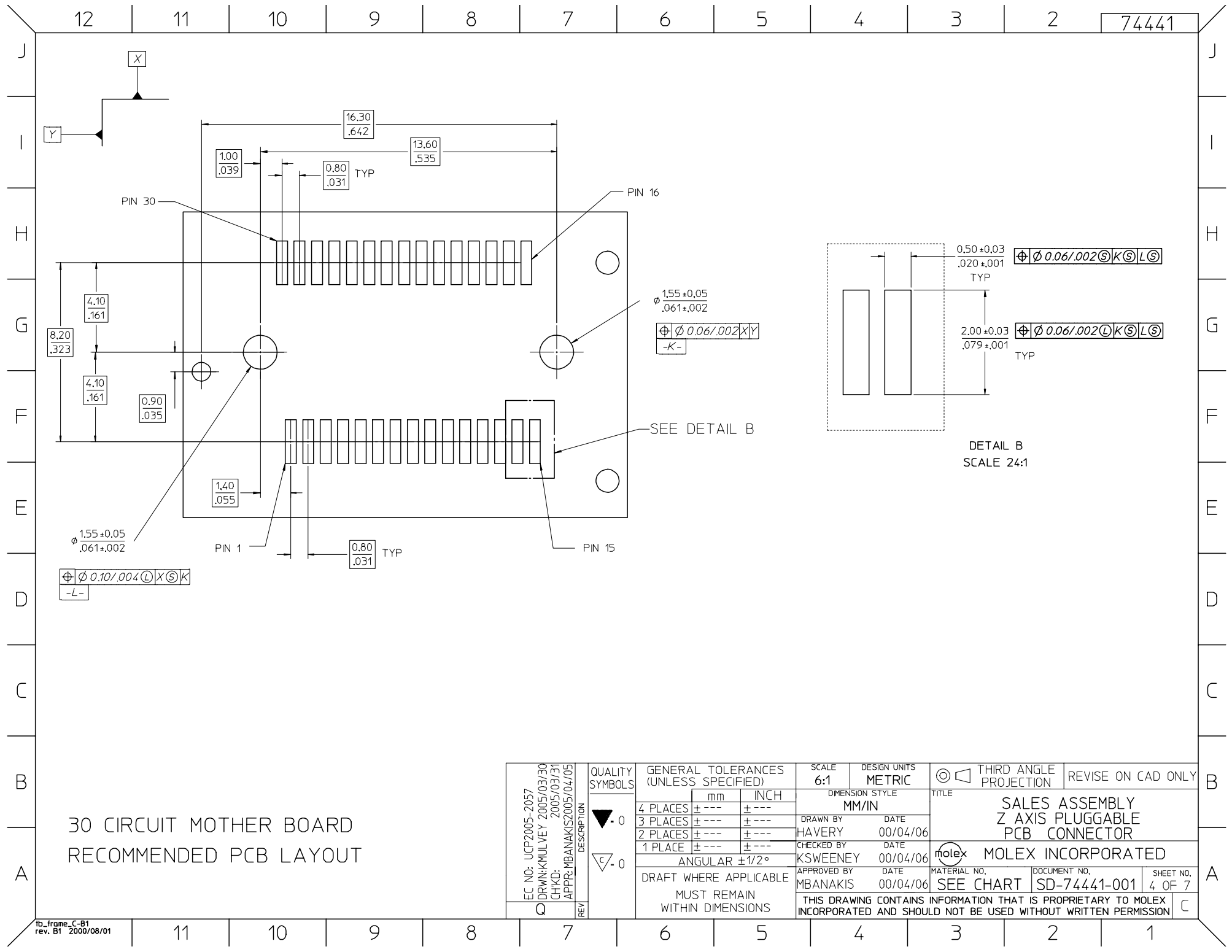
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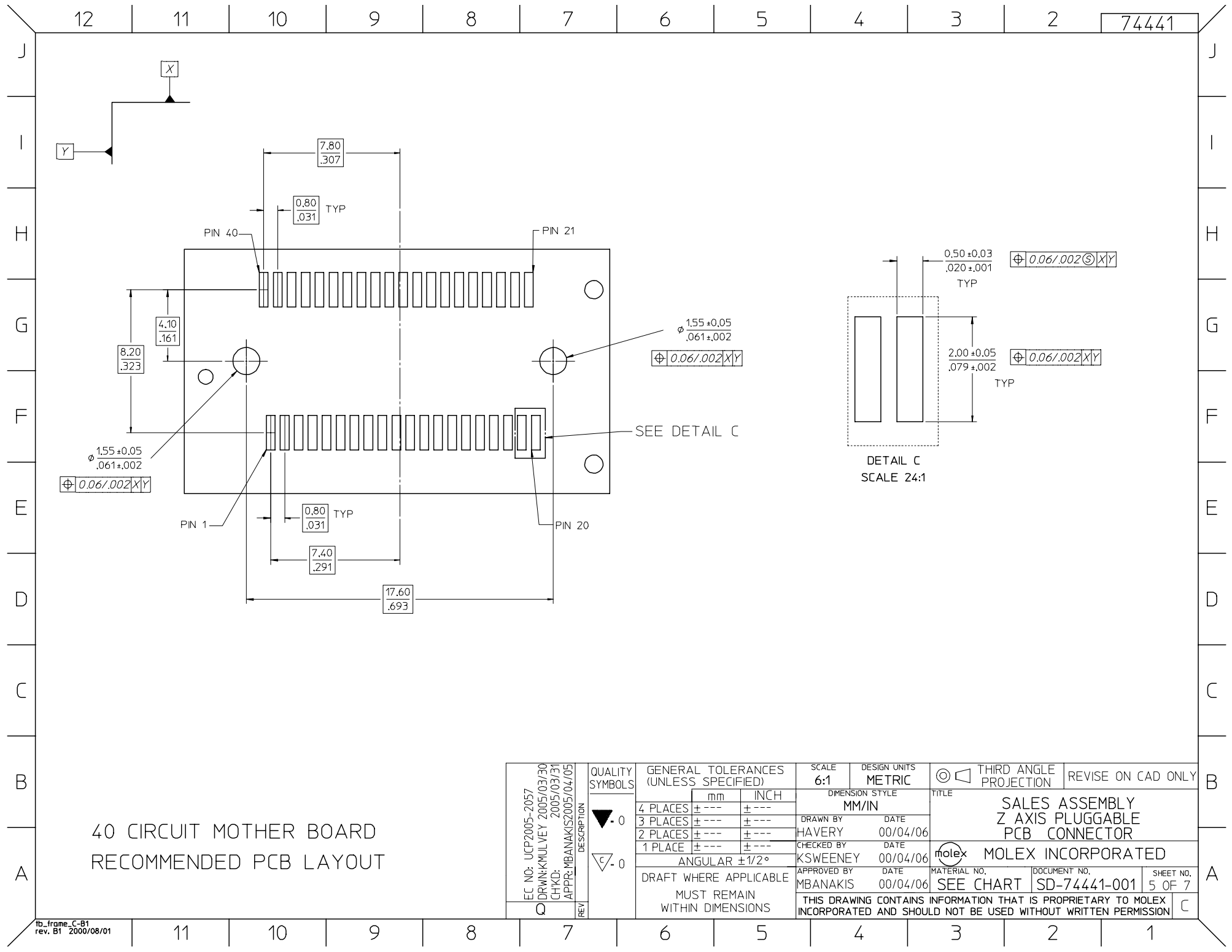
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30 CIRCUIT MOTHER BOARD
RECOMMENDED PCB LAYOUT

EC NO: UCP2005-2057 DRWN: KMULVEY 2005/03/30 CHKD: 2005/03/31 APPR: MBANAKIS/2005/04/05	DESCRIPTION REV	QUALITY SYMBOLS 0 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 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 7
								THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION		

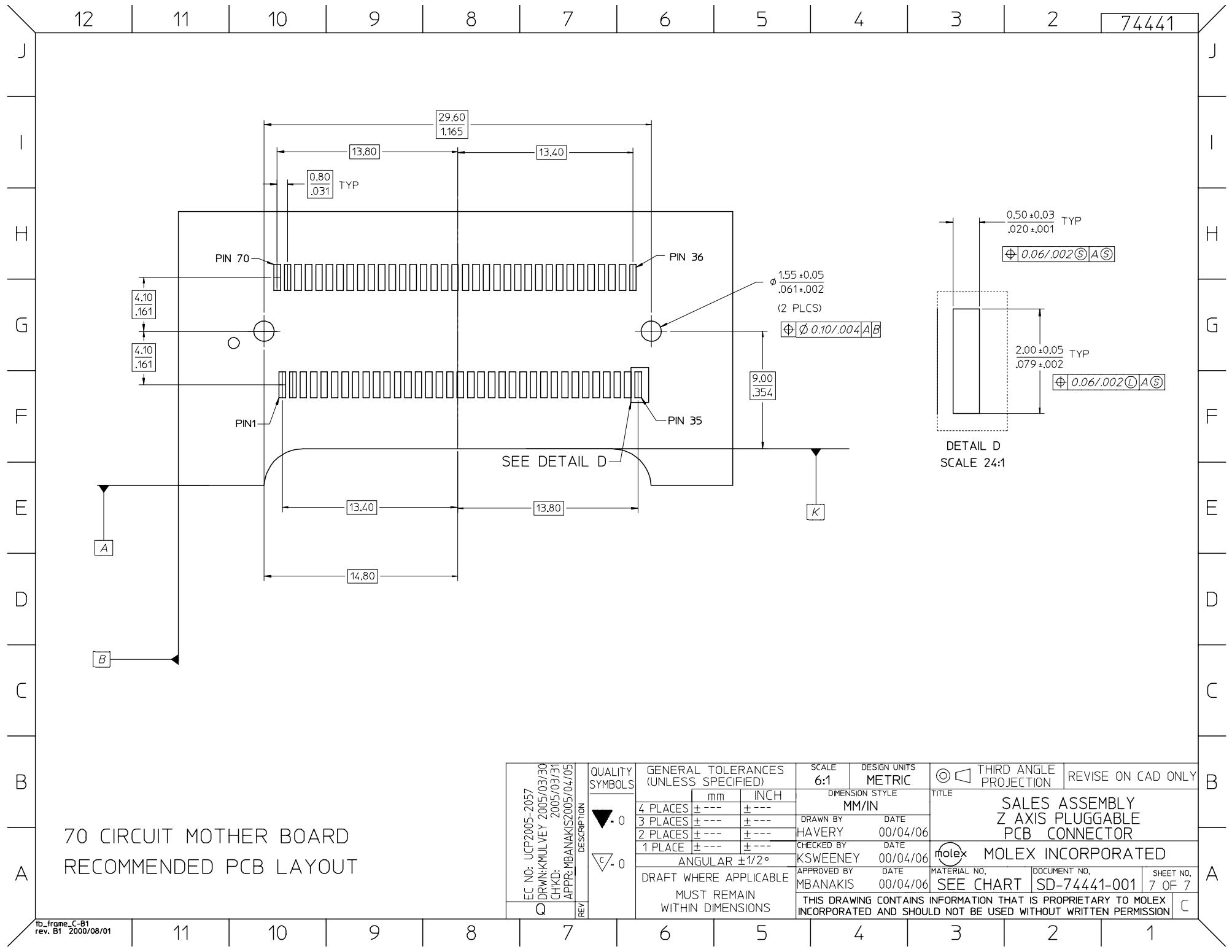


40 CIRCUIT MOTHER BOARD
RECOMMENDED PCB LAYOUT

EC NO: UCP2005-2057 Q DRWN: KMULVEY 2005/03/30 CHKD: 2005/03/31 APPR: MBANAKIS/2005/04/05	QUALITY SYMBOLS	DESCRIPTION	GENERAL TOLERANCES (UNLESS SPECIFIED)			SCALE 6:1	DESIGN UNITS METRIC	THIRD ANGLE PROJECTION		REVISE ON CAD ONLY	
				mm	INCH	DIMENSION STYLE			TITLE SALES ASSEMBLY Z AXIS PLUGGABLE PCB CONNECTOR MOLEX INCORPORATED		
			4 PLACES	± ---	± ---	MM/IN					
			3 PLACES	± ---	± ---	DRAWN BY DATE					
			2 PLACES	± ---	± ---	HAVERY 00/04/06					
			1 PLACE	± ---	± ---	CHECKED BY DATE					
						KSWEENEY 00/04/06			MATERIAL NO.		
						APPROVED BY DATE			DOCUMENT NO.		
						MBANAKIS 00/04/06			SHEET NO.		
						DRAFT WHERE APPLICABLE			5 OF 7		
			MUST REMAIN WITHIN DIMENSIONS			THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION					



tb_frame_C-B1
rev. B1 2000/08/01



70 CIRCUIT MOTHER BOARD
RECOMMENDED PCB LAYOUT

EC NO: UCP2005-2057 DRWN: KMULVEY 2005/03/30 CHKD: 2005/03/31 APPR: MBANAKIS/2005/04/05	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. 7 OF 7
							THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION		