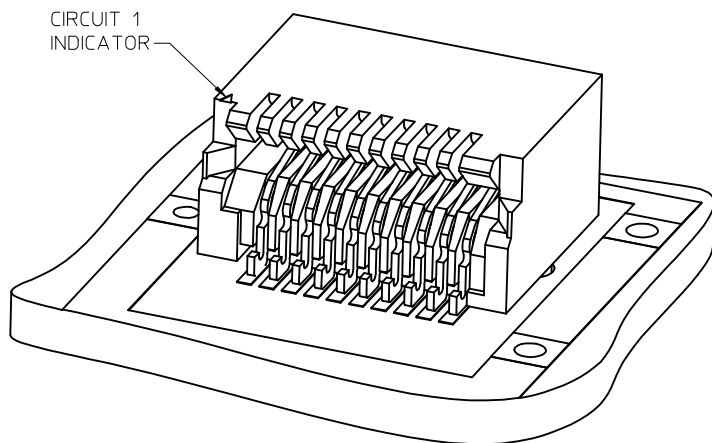


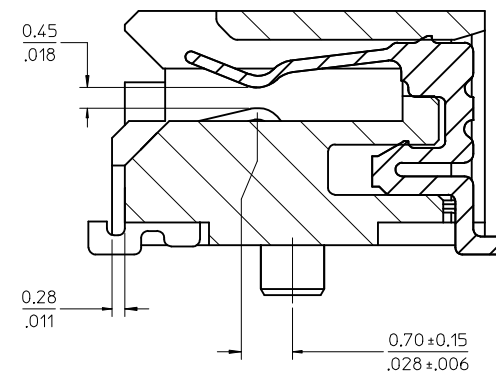
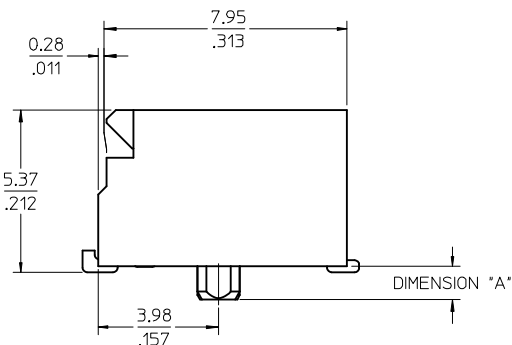
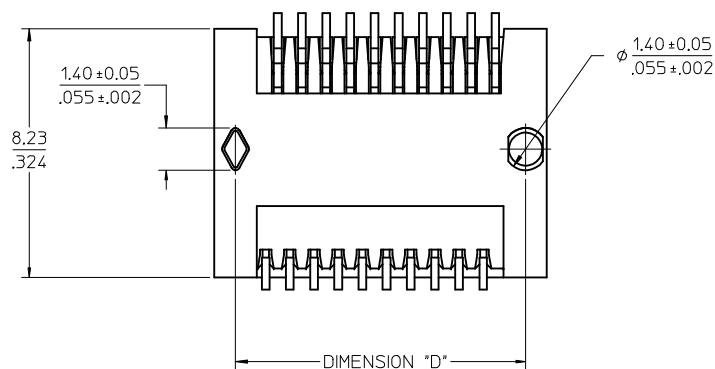
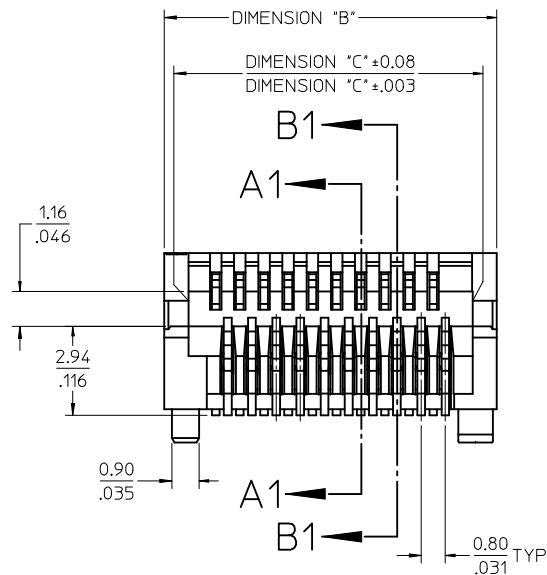
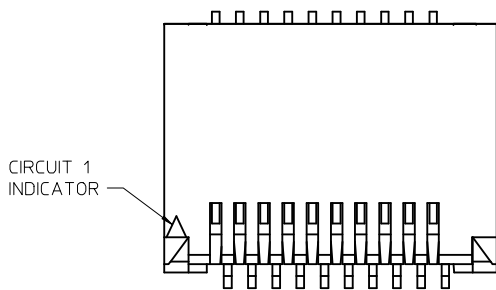
CKT SIZE	PART NUMBER	TOOLED	DESCRIPTION	DIMENSIONS				MULTI-SOURCE AGREEMENT	CIRCUIT BOARD LAYOUT
				"A"	"B"	"C"	"D"		
20	74441-0001	YES	PLATED PER NOTE 2	1.10/.043	11.00/.433	9.40/.370	9.60/.378	SFP	SEE SHEET 3
	74441-0004	NO*	PLATED PER NOTE 2	0.76/.030					
	74441-0010	YES	PLATED PER NOTE 3	1.10/.043					
	74441-0014	NO*	PLATED PER NOTE 3	0.76/.030					
	74441-0031	YES	PLATED PER NOTE 4	1.10/.043					
	74441-0041	YES	PLATED PER NOTE 5	1.10/.043					
	74441-9001	YES	PLATED PER NOTE 2	1.10/.043	11.00/.433	9.40/.378	9.60/.378		
74441-9010	YES	PLATED PER NOTE 3	1.10/.043						
30	74441-0007	YES	PLATED PER NOTE 2	1.10/.043	15.00/.591	13.40/.528	13.60/.535	XFP	SEE SHEET 4
	74441-0017	YES	PLATED PER NOTE 3	1.10/.043					
	74441-0037	YES	PLATED PER NOTE 4	1.10/.043					
	74441-9007	YES	PLATED PER NOTE 2	1.10/.043					
40	74441-0005	YES	PLATED PER NOTE 2	1.10/.043	19.00/.748	17.40/.685	17.60/.693		SEE SHEET 5
	74441-0015	YES	PLATED PER NOTE 3	1.10/.043					
	74441-0035	YES	PLATED PER NOTE 4	1.10/.043					
	74441-9005	YES	PLATED PER NOTE 2	1.10/.043					
50	74441-0008	YES	PLATED PER NOTE 2	1.10/.043	23.00/.906	21.40/.843	21.60/.850		SEE SHEET 6
	74441-0018	YES	PLATED PER NOTE 3	1.10/.043					
	74441-0038	YES	PLATED PER NOTE 5	1.10/.043					
70	74441-0003	YES	PLATED PER NOTE 2	1.10/.043	31.00/1.220	29.40/1.517	29.60/1.165	XENPAK XPAK X2	SEE SHEET 7
	74441-0013	YES	PLATED PER NOTE 3	1.10/.043					
	74441-0033	YES	PLATED PER NOTE 4	1.10/.043					
	74441-9003	YES	PLATED PER NOTE 2	1.10/.043					

NOTES

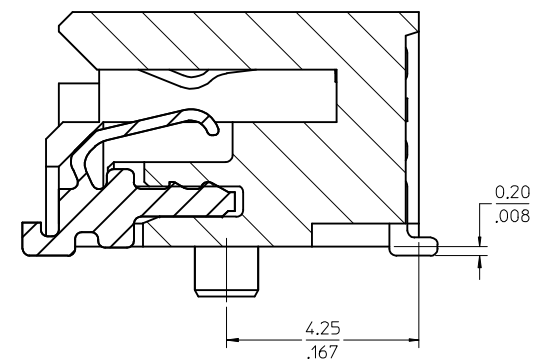
- MATERIAL:**
HOUSING - HIGH TEMPERATURE THERMOPLASTIC GLASS FILLED, UL 94V-0, BLACK
TERMINALS - COPPER ALLOY
- PLATING (SEE TABLE):**
CONTACT AREA - 0.38 MICROMETER MINIMUM GOLD OVER NICKEL
SOLDER FOOT AREA - 2.54 MICROMETER MINIMUM TIN OVER NICKEL
- PLATING (SEE TABLE):**
CONTACT AREA - 0.76 MICROMETER MINIMUM GOLD OVER NICKEL
SOLDER AREA - 2.54 MICROMETER MINIMUM TIN OVER NICKEL
- PLATING (SEE TABLE):**
CONTACT AREA - 0.76 MICROMETER MINIMUM GOLD OVER 2.54 NICKEL
SOLDER AREA: GOLD FLASH OVER NICKEL.
- PLATING (SEE TABLE):**
CONTACT AREA - 0.38 MICROMETER MINIMUM GOLD OVER NICKEL,
SOLDER AREA: GOLD FLASH OVER NICKEL.
- SOLDER FEET COPLANAR WITHIN 0.10/.004 FOR 20, 30 AND 40 CIRCUIT CONNECTORS,
WITHIN 0.15/.006 FOR 50 AND 70 CIRCUIT CONNECTORS
- * CONTACT PLANT FOR MORE INFORMATION
- DATE CODE: 4 DIGIT (3 DIGIT DAY, 1 DIGIT YEAR)
- THE CIRCUIT 1 INDICATOR MAY VARY IN SIZE AND APPEARANCE.



REV. NOTES & TABLE EC NO: UCP2014-2110 DRWNSVANG01 2013/11/14 CHKD:TIBARRA 2013/11/14 APPR:SMILLER 2013/12/06	DESCRIPTION	QUALITY SYMBOLS	GENERAL TOLERANCES (UNLESS SPECIFIED)			DIMENSION STYLE		SCALE	DESIGN UNITS	THIRD ANGLE PROJECTION		
						MM/IN		1:1	METRIC			
				mm	INCH	DRAWN BY	DATE	TITLE SALES ASSEMBLY Z AXIS PLUGGABLE PCB CONNECTOR				
			4 PLACES	±.---	±.---	HAVERY	00/04/06					
			3 PLACES	±.---	±.---	CHECKED BY	DATE	molex				
			2 PLACES	±0.13	±.005	KSWEENEY	00/04/06					
			1 PLACE	±0.25	±.010	APPROVED BY	DATE	DOCUMENT NO. SD-74441-001				
			0 PLACE	±		MBANAKIS	00/04/06					
			ANGULAR ±1/2°			MATERIAL NO.		SHEET NO. 1 OF 7				
			DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS			SEE TABLE						
REV			C	THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION								

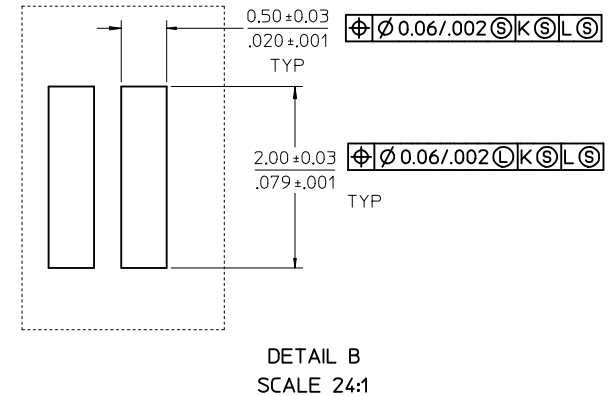
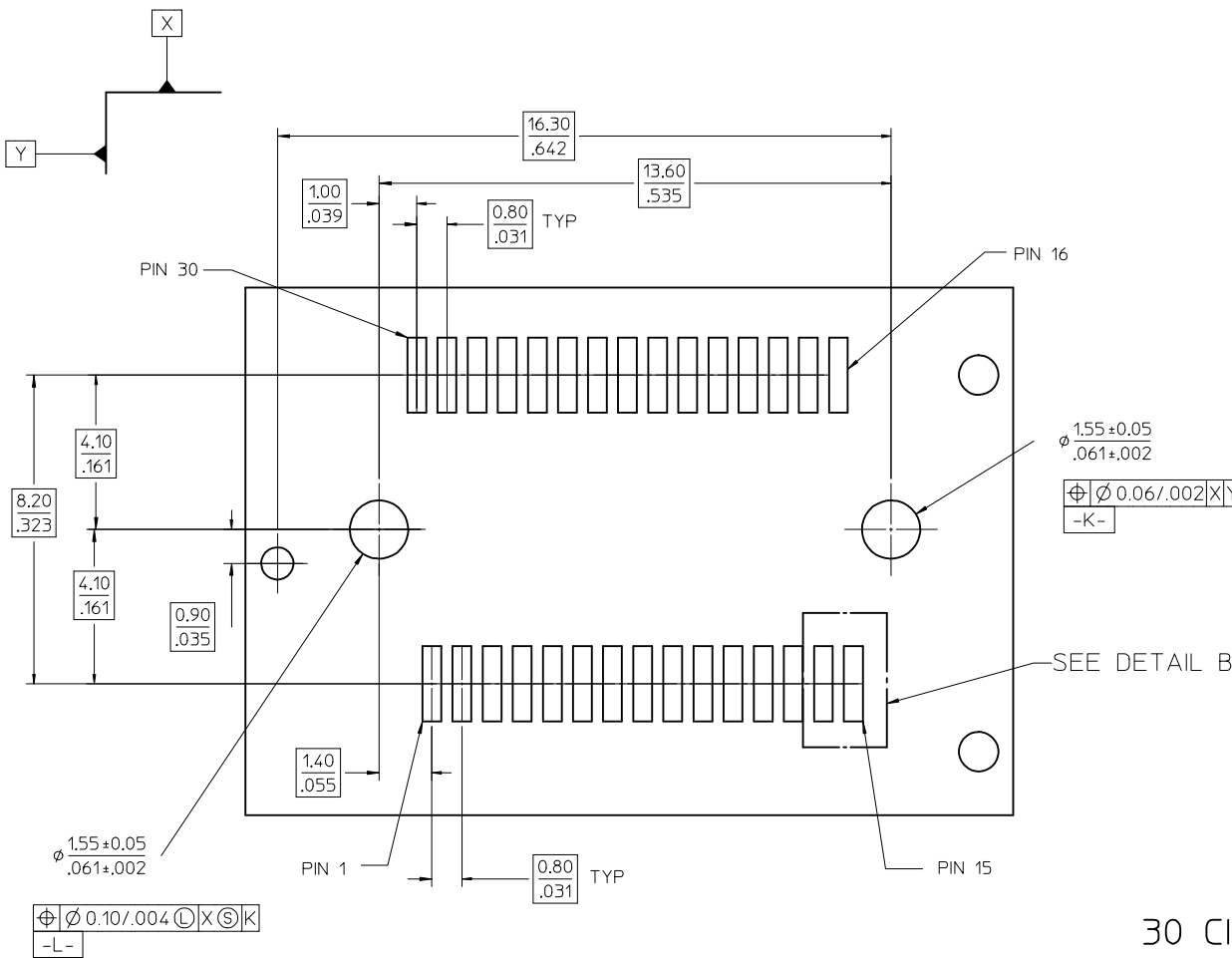


SECTION A1-A1
SCALE 12:1



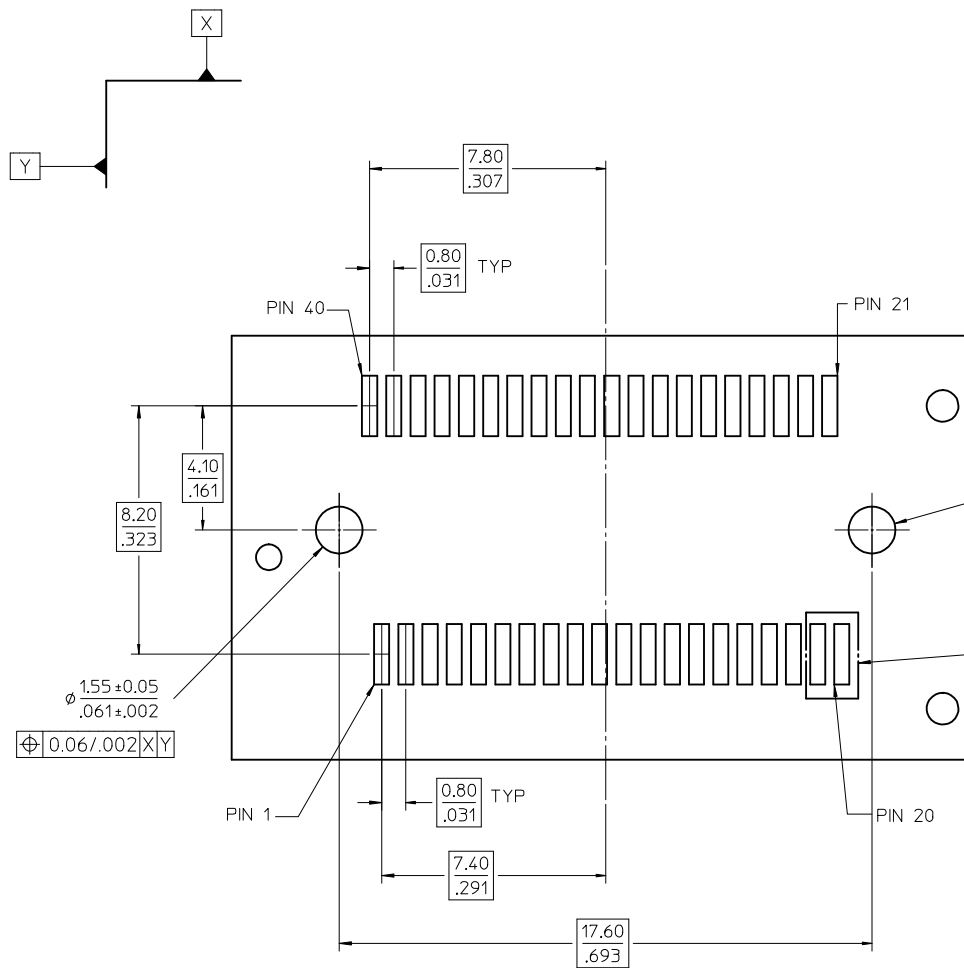
SECTION B1-B1
SCALE 12:1

SEE SHEET 1 EC NO: UCP2014-2110 DRWNSVANG01 2013/11/14 CHKD: TIBARRA 2013/11/14 APPR: MILLER 2013/12/06	REV DESCRIPTION QUALITY SYMBOLS =0 =0 =0	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE MM/IN		SCALE 6:1	DESIGN UNITS METRIC	THIRD ANGLE PROJECTION	
				mm	INCH	DRAWN BY HAVERY	DATE 00/04/06	SALES ASSEMBLY Z AXIS PLUGGABLE PCB CONNECTOR molex DOCUMENT NO. SD-74441-001	
				4 PLACES	± --- ± ---	CHECKED BY KSWEENEY	DATE 00/04/06		
				3 PLACES	± --- ± ---	APPROVED BY MBANAKIS	DATE 00/04/06		
W	REV	DESCRIPTION	QUALITY SYMBOLS	ANGULAR ±1/2°		SEE TBL, SHT 1		SHEET NO. 2 OF 7	
				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			

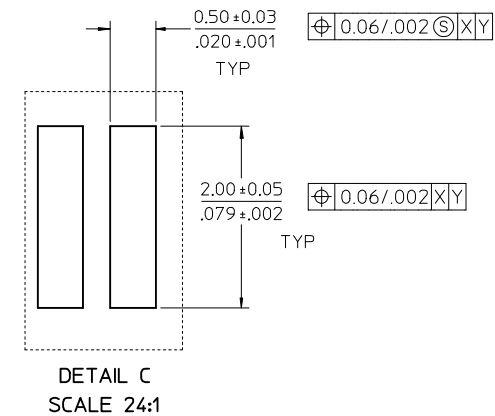


30 CIRCUIT MOTHER BOARD RECOMMENDED PCB LAYOUT

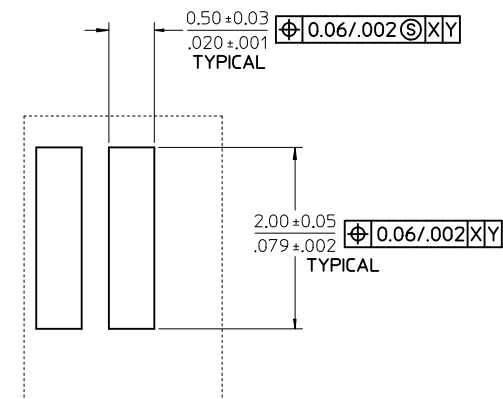
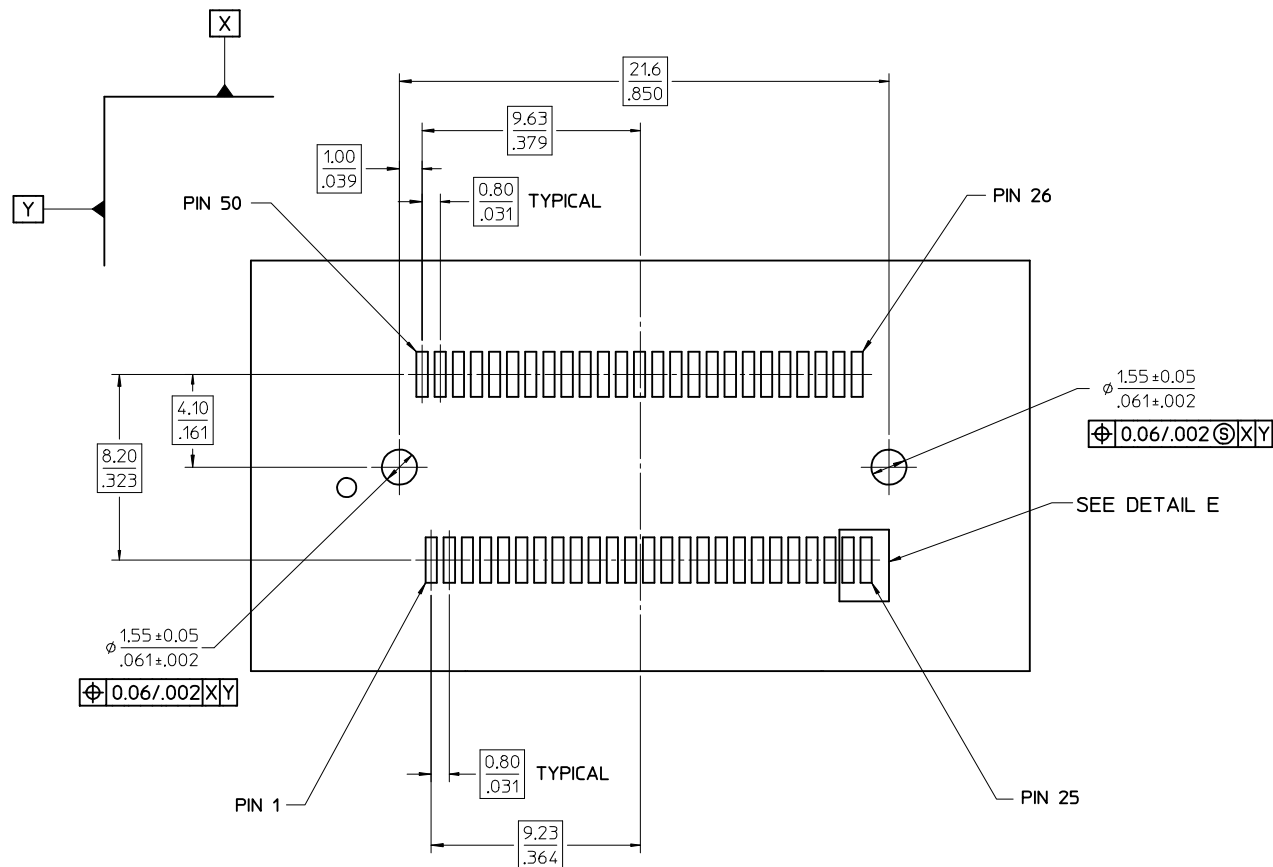
SEE SHEET 1 EC NO: UCP2014-2110 DRWNS:VANG01 2013/11/14 CHKD: TIBARRA 2013/11/14 APPR: SMILLER 2013/12/06	QUALITY SYMBOLS	DESCRIPTION	GENERAL TOLERANCES (UNLESS SPECIFIED)			DIMENSION STYLE MM/IN		SCALE 6:1	DESIGN UNITS METRIC	 THIRD ANGLE PROJECTION
				4 PLACES	± ---	± ---	DRAWN BY HAVERY	DATE 00/04/06	TITLE SALES ASSEMBLY Z AXIS PLUGGABLE PCB CONNECTOR	
				3 PLACES	± ---	± ---	CHECKED BY KSWEENEY	DATE 00/04/06		
				2 PLACES	± 0.13	± .005	APPROVED BY MBANAKIS	DATE 00/04/06		
				1 PLACE	± 0.25	± .010	MATERIAL NO.	DOCUMENT NO.		
				0 PLACE	±	±	SEE TBL, SHT 1	SD-74441-001		
			REV	DESCRIPTION	ANGULAR ±1/2°			SHEET NO. 4 OF 7		
					DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS			SIZE C		
								THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION		



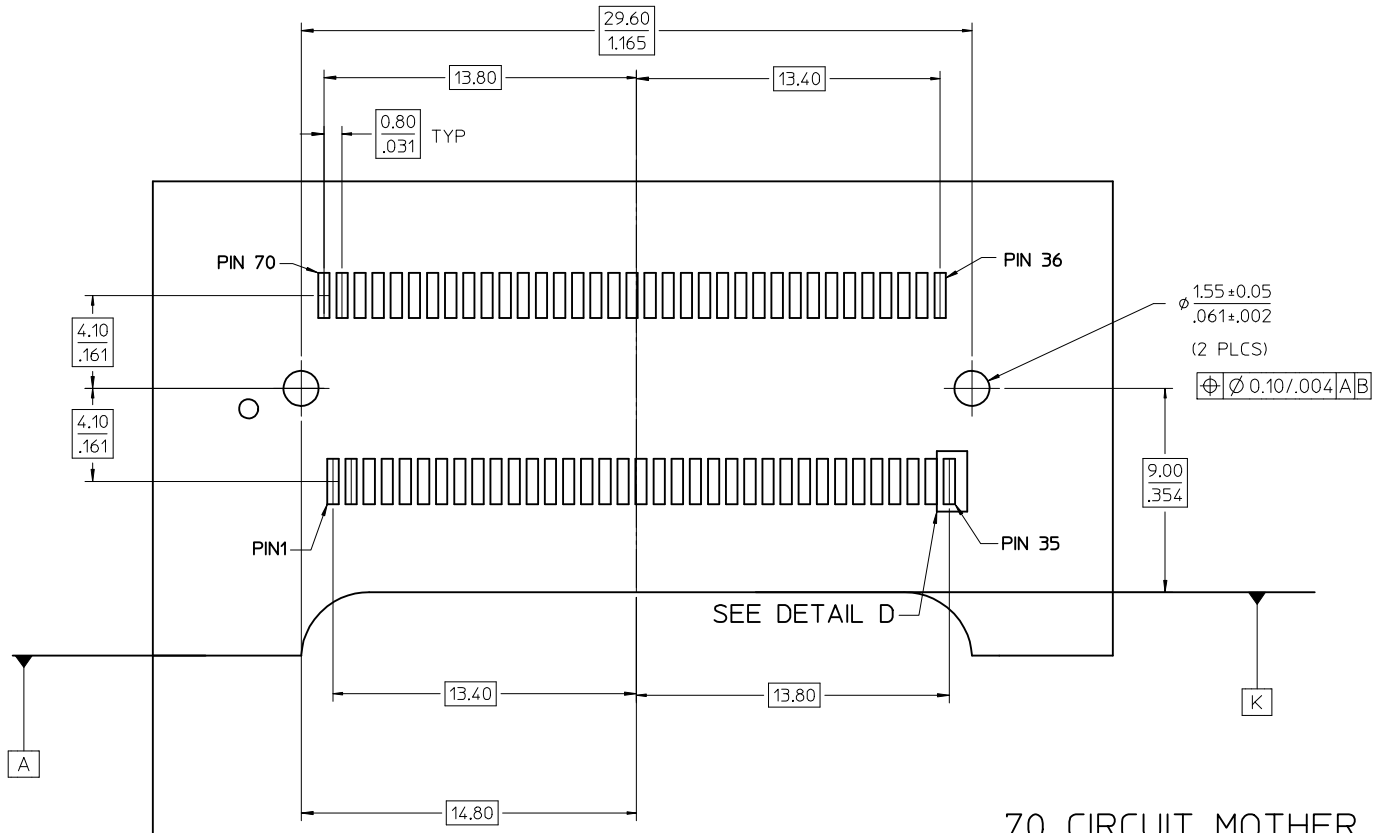
40 CIRCUIT MOTHER BOARD
RECOMMENDED PCB LAYOUT



SEE SHEET 1 EC NO: UCP2014-2110 DRWNSVANG01 2013/11/14 CHKD:TIBARRA 2013/11/14 APPR:SMILLER 2013/12/06 W	DESCRIPTION REV	QUALITY SYMBOLS ▽=0 ▽=0 ▽=0	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE MM/IN		SCALE 6:1	DESIGN UNITS METRIC	 THIRD ANGLE PROJECTION
				mm	INCH	DRAWN BY HAVERY	DATE 00/04/06	TITLE SALES ASSEMBLY Z AXIS PLUGGABLE PCB CONNECTOR	
			4 PLACES ± --- ± ---	CHECKED BY KSWENEY	DATE 00/04/06	molex			
			3 PLACES ± --- ± ---	APPROVED BY MBANAKIS	DATE 00/04/06				
			2 PLACES ± 0.13 ± .005	MATERIAL NO.	DOCUMENT NO.		SHEET NO.		
			1 PLACE ± 0.25 ± .010	SEE TBL, SHT 1	SD-74441-001		5 OF 7		
			0 PLACE ± ±	THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION					
			ANGULAR ±1/2°						
			DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS						



SEE SHEET 1	EC NO: UCP2014-210 DRWNSVANG01 2013/11/14 CHKD:TIBARRA 2013/11/14 APPR:SMILLER 2013/12/06	DESCRIPTION	REV	W	QUALITY SYMBOLS	GENERAL TOLERANCES (UNLESS SPECIFIED)			DIMENSION STYLE		SCALE	DESIGN UNITS	 THIRD ANGLE PROJECTION
									MM/IN		6:1	METRIC	
									DRAWN BY	DATE	TITLE		
									CHECKED BY	DATE	SALES ASSEMBLY		
									APPROVED BY	DATE	Z AXIS PLUGGABLE		
						DATE	PCB CONNECTOR						
						molex							
						SD-74441-001							
						SEE TBL, SHT 1							
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70 CIRCUIT MOTHER BOARD
RECOMMENDED PCB LAYOUT

SEE SHEET 1 EC NO: UCP2014-2110 DRWNSVANG01 2013/11/14 CHKD: T1BARRA 2013/11/14 APPR: SMILLER 2013/12/06 W	DESCRIPTION REV	QUALITY SYMBOLS ▽=0 ▽=0 ▽=0	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE MM/IN		SCALE 6:1	DESIGN UNITS METRIC	 THIRD ANGLE PROJECTION	
			mm	INCH	DRAWN BY HAVERY	DATE 00/04/06	SALES ASSEMBLY Z AXIS PLUGGABLE PCB CONNECTOR			
			4 PLACES ± ---	± ---	CHECKED BY KSWEENEY	DATE 00/04/06				
			3 PLACES ± ---	± ---	APPROVED BY MBANAKIS	DATE 00/04/06	molex			
			2 PLACES ± 0.13	± .005	MATERIAL NO. SEE TBL, SHT 1					
			1 PLACE ± 0.25	± .010	THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION					
			0 PLACE ±	±						
			ANGULAR ±1/2°							
			DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS							

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