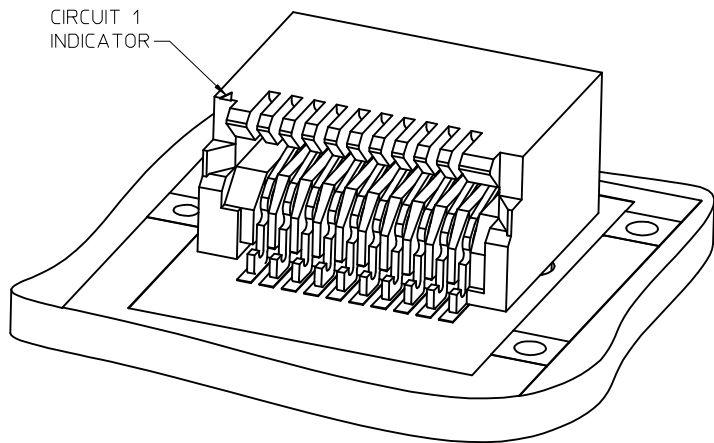


CKT SIZE	PART NUMBER	TOOLED	DESCRIPTION	DIMENSIONS				MULTI-SOURCE AGREEMENT	CIRCUIT BOARD LAYOUT
				"A"	"B"	"C"	"D"		
20	74441-0001	YES	PLATED PER NOTE 2	1.10/.043	11.00/.433	9.40/.370	9.60/.378	SFP	SEE SHEET 3
	74441-0004	NO*	PLATED PER NOTE 2	0.76/.030					
	74441-0010	YES	PLATED PER NOTE 3	1.10/.043					
	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

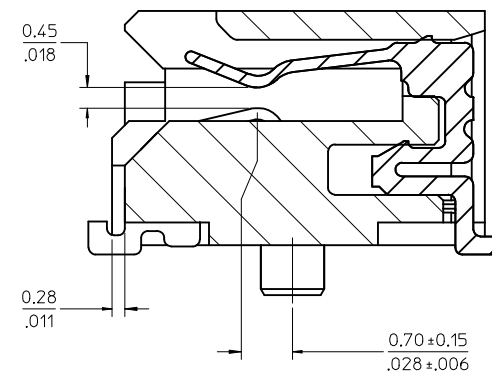
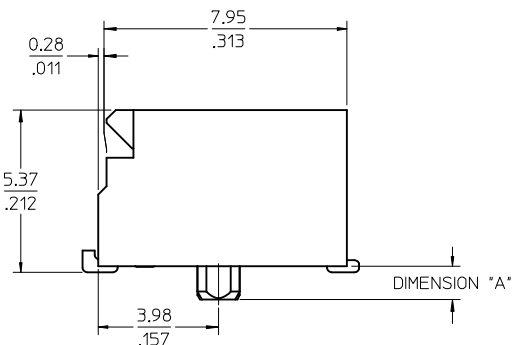
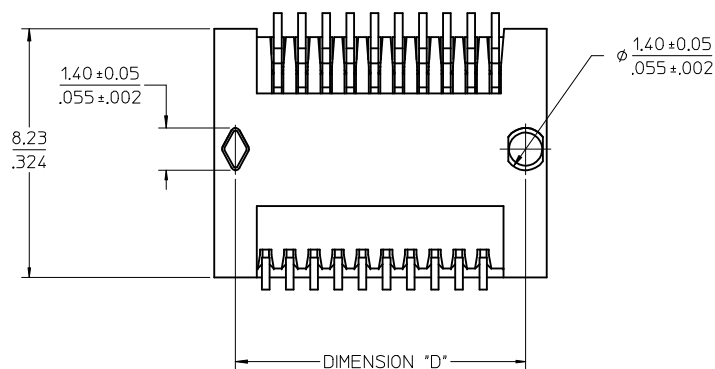
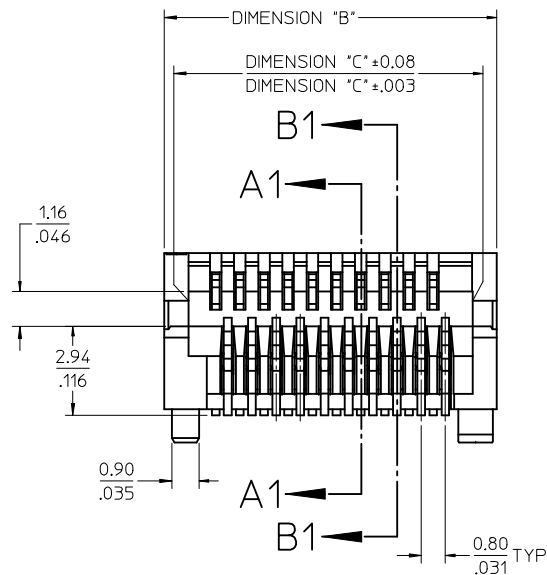
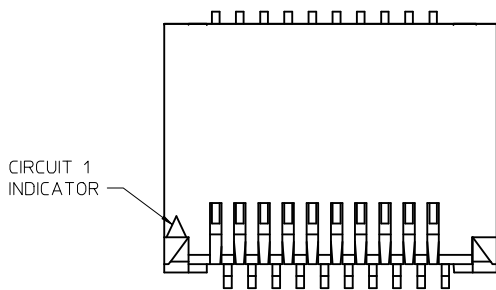
- MATERIAL:**
HOUSING - HIGH TEMPERATURE THERMOPLASTIC GLASS FILLED, UL 94V-0, BLACK
TERMINALS - COPPER ALLOY
- PLATING (SEE TABLE):**
CONTACT AREA - 0.38 MICROMETER MINIMUM GOLD OVER NICKEL
SOLDER FOOT AREA - 2.54 MICROMETER MINIMUM TIN OVER NICKEL
- PLATING (SEE TABLE):**
CONTACT AREA - 0.76 MICROMETER 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.



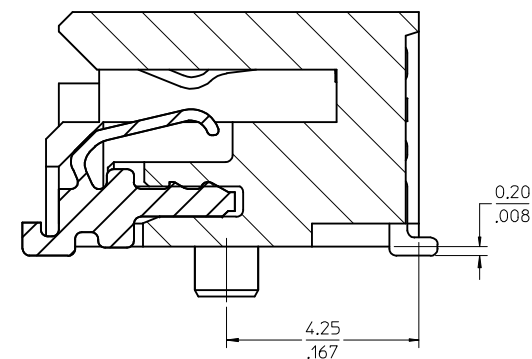
REV. NOTES & TABLE EC NO: UCP2014-2110 DRWNSVANG01 2013/11/14 CHKD:TIBARRA 2013/11/14 APPR:SMILLER 2013/12/06 W	DESCRIPTION REV	QUALITY SYMBOLS ▽=0 ▽=0 ▽=0	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE MM/IN		SCALE 1:1	DESIGN UNITS METRIC	 THIRD ANGLE PROJECTION	
				mm	INCH	DRAWN BY	DATE	TITLE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

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

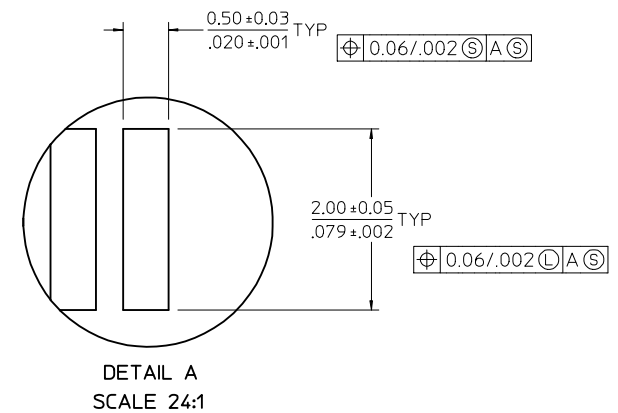
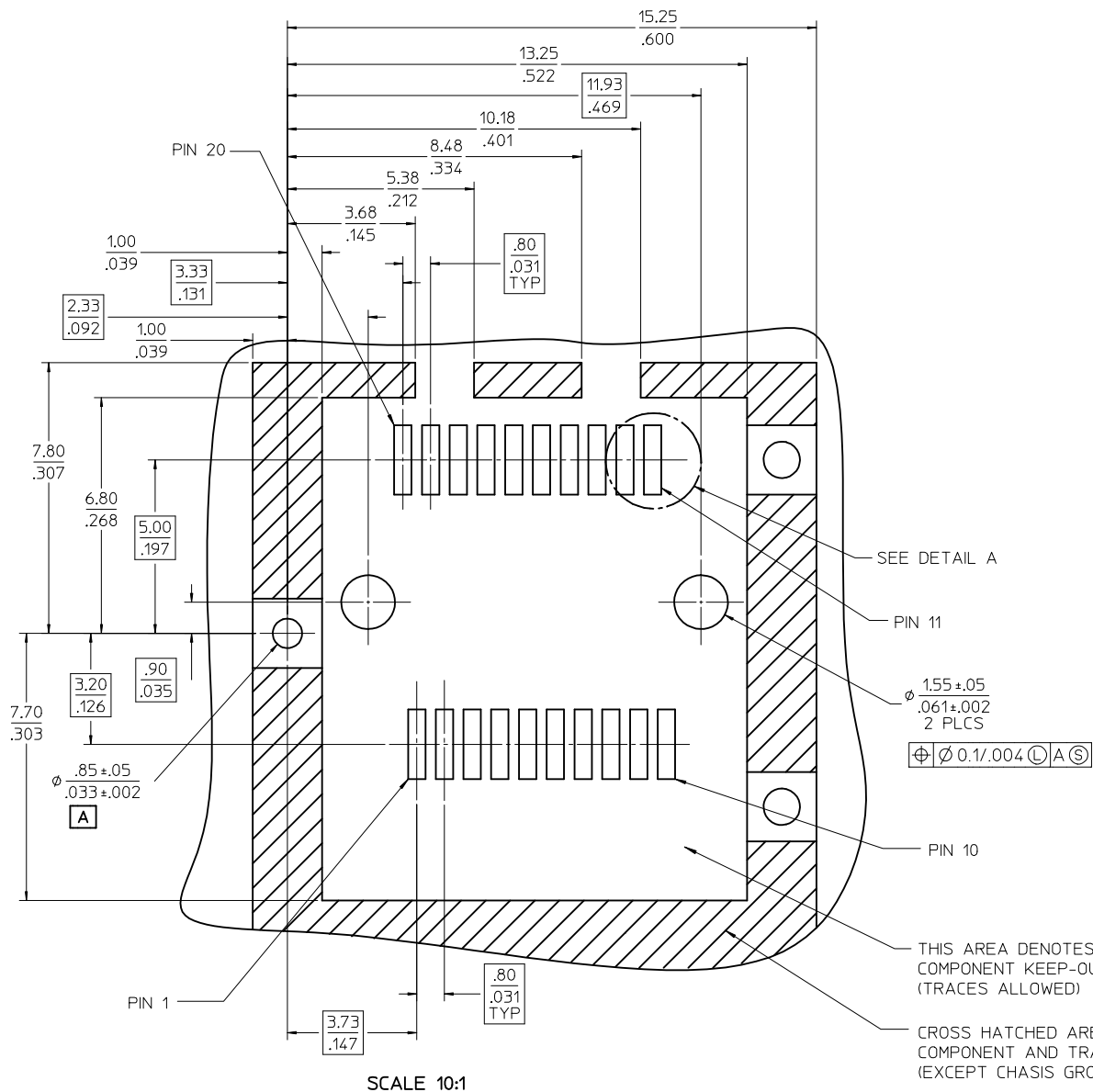


SECTION A1-A1
SCALE 12:1



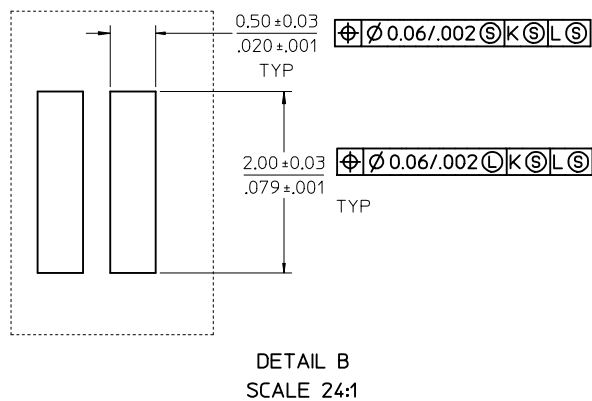
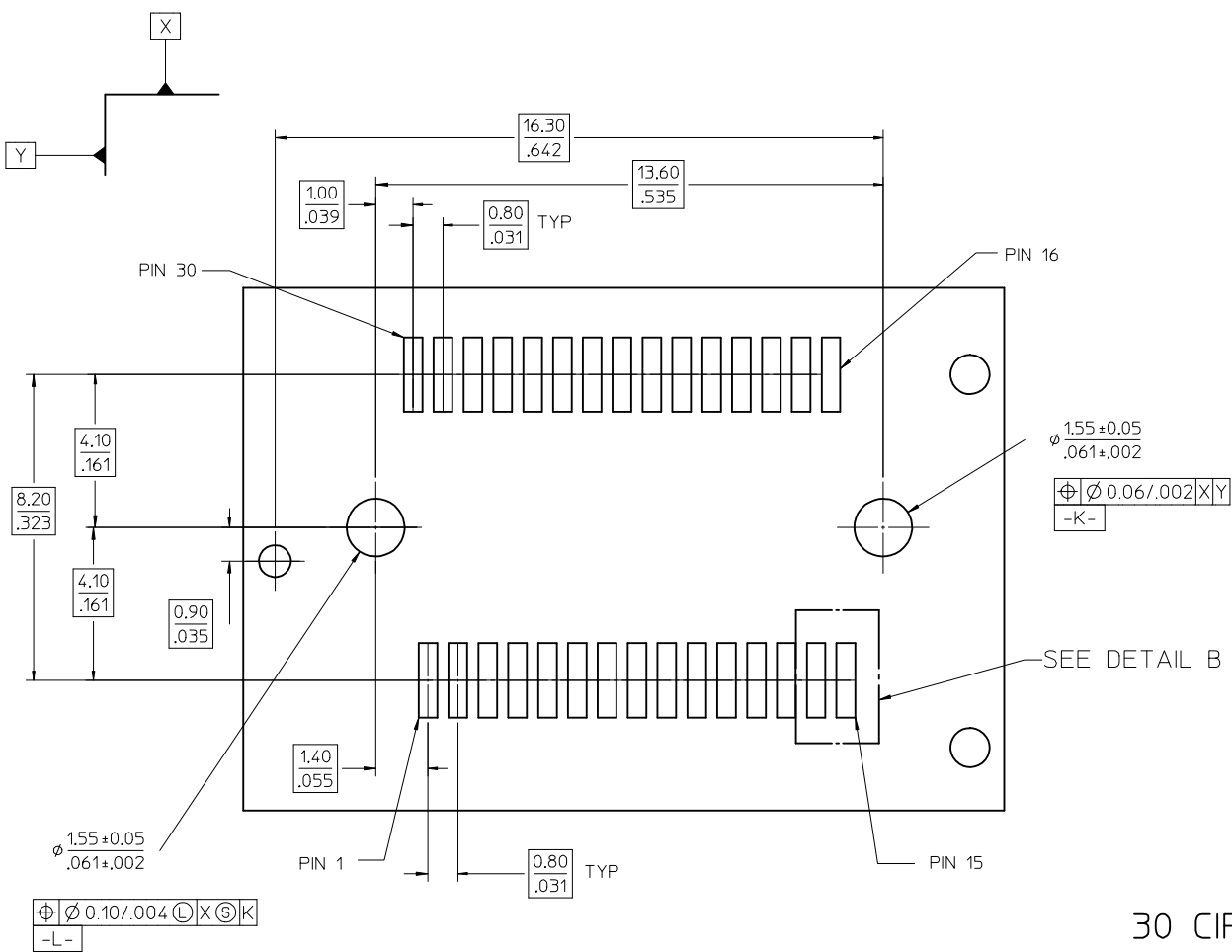
SECTION B1-B1
SCALE 12:1

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



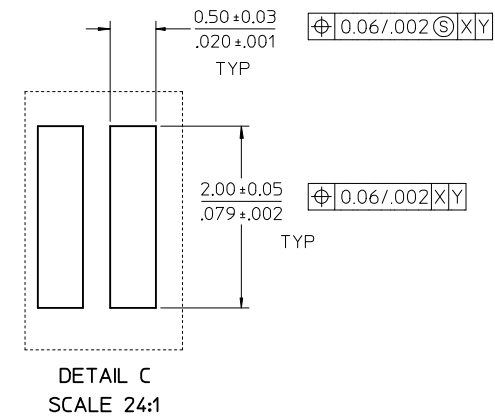
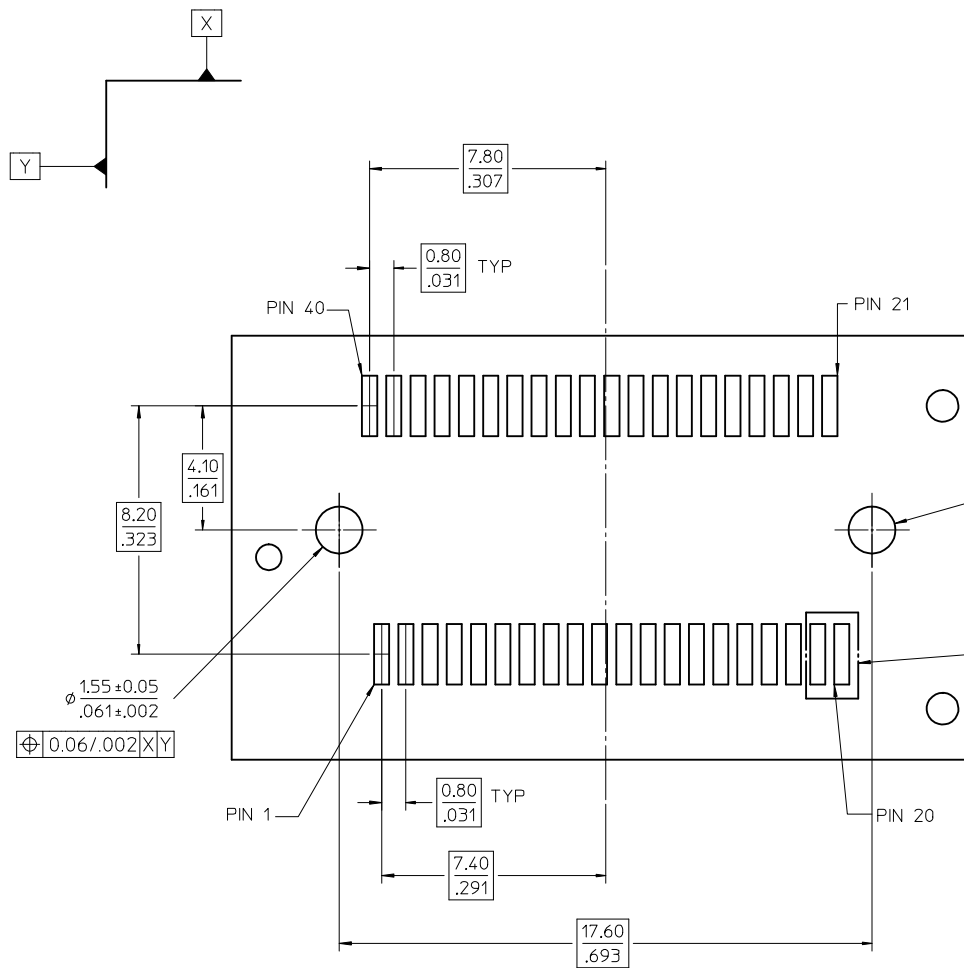
20 CIRCUIT MOTHER BOARD RECOMMENDED PCB LAYOUT

SEE SHEET 1 EC NO: UCP2014-2110 DRWNSVANG01 CHKD: TIBARRA APPR: SMILLER 2013/11/14 2013/11/14 2013/12/06	DESCRIPTION	QUALITY SYMBOLS ▽=0 ▽=0 ▽=0	GENERAL TOLERANCES (UNLESS SPECIFIED)			DIMENSION STYLE MM/IN		SCALE 8:1	DESIGN UNITS METRIC	THIRD ANGLE PROJECTION			
				mm	INCH	DRAWN BY HAVERY	DATE 00/04/06	TITLE SALES ASSEMBLY Z AXIS PLUGGABLE PCB CONNECTOR molex					
			4 PLACES	± ---	± ---	CHECKED BY	DATE						
			3 PLACES	± ---	± ---	KSWEENEY	00/04/06						
			2 PLACES	± 0.13	± .005	APPROVED BY	DATE	DOCUMENT NO. SD-74441-001					
			1 PLACE	± 0.25	± .010	MBANAKIS	00/04/06						
			0 PLACE	±		MATERIAL NO.							SHEET NO. 3 OF 7
			ANGULAR ± 1/2°			SEE TBL, SHT 1							
			DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS			SIZE			THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION				
			W	REV									



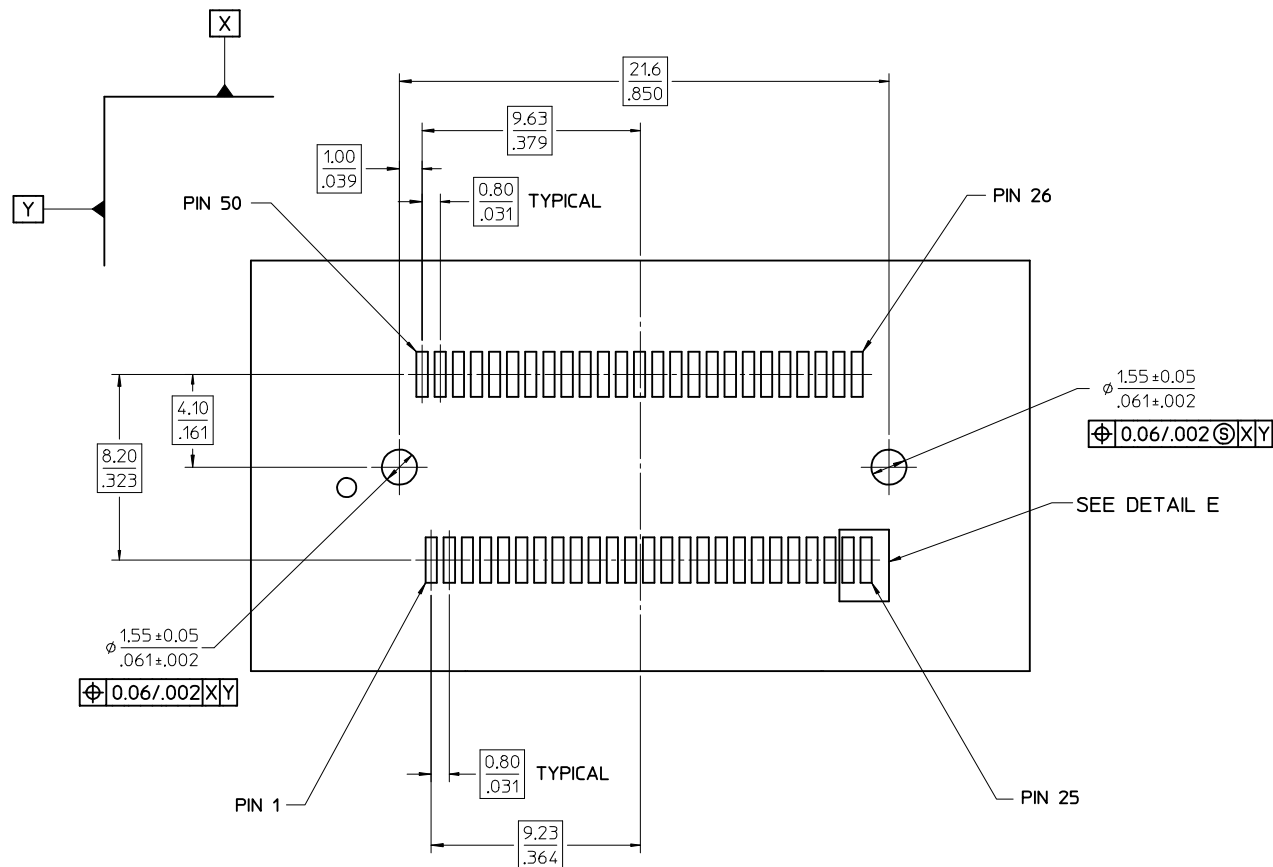
30 CIRCUIT MOTHER BOARD
RECOMMENDED PCB LAYOUT

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		SCALE	DESIGN UNITS	 THIRD ANGLE PROJECTION			
					MM/IN		6:1	METRIC				
				mm	INCH	DRAWN BY	DATE	TITLE SALES ASSEMBLY Z AXIS PLUGGABLE PCB CONNECTOR molex				
			4 PLACES	± ---	± ---	HAVERY	00/04/06					
			3 PLACES	± ---	± ---	CHECKED BY	DATE					
			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.					
			DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		SIZE C		SEE TBL, SHT 1		4 OF 7		THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION	

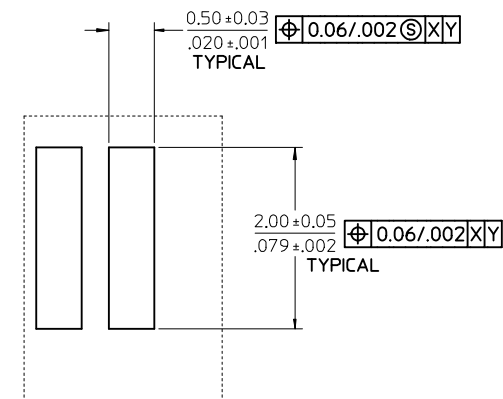


40 CIRCUIT MOTHER BOARD RECOMMENDED PCB LAYOUT

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	GENERAL TOLERANCES (UNLESS SPECIFIED)			DIMENSION STYLE		SCALE	DESIGN UNITS	THIRD ANGLE PROJECTION	
							MM/IN		6:1	METRIC		
							DRAWN BY		DATE	TITLE		
				4 PLACES ± --- ± ---			HAVERY		00/04/06	SALES ASSEMBLY		
				3 PLACES ± --- ± ---			CHECKED BY		DATE	Z AXIS PLUGGABLE		
				2 PLACES ± 0.13 ± .005			KSWEENEY		00/04/06	PCB CONNECTOR		
				1 PLACE ± 0.25 ± .010			APPROVED BY		DATE	molex		
				0 PLACE ± ±			MBANAKIS		00/04/06			
				ANGULAR ±1/2°			MATERIAL NO.		DOCUMENT NO.			SHEET NO.
				DRAFT WHERE APPLICABLE			SEE TBL, SHT 1		SD-74441-001			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									

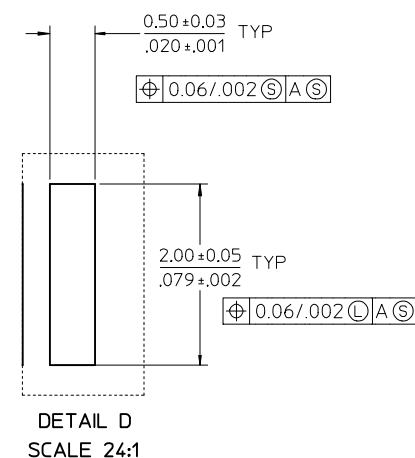
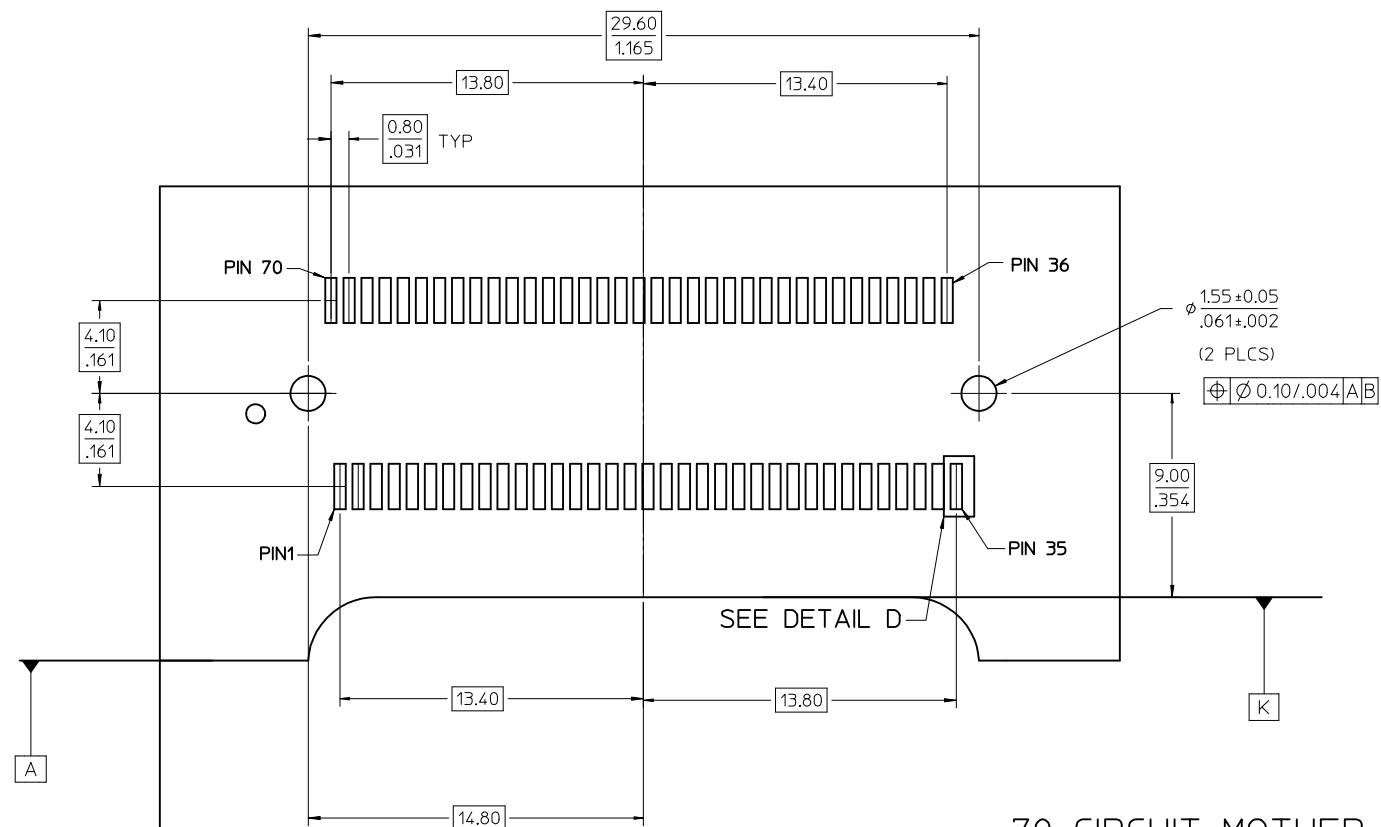


50 CIRCUIT MOTHER BOARD RECOMMENDED PCB LAYOUT



DETAIL E
SCALE 24:1

SEE SHEET 1	EC NO: UCP2014-210			2013/11/14	DESCRIPTION	QUALITY SYMBOLS	GENERAL TOLERANCES (UNLESS SPECIFIED)			DIMENSION STYLE		SCALE		DESIGN UNITS		THIRD ANGLE PROJECTION	
	DRWNSVANG01			2013/11/14			mm INCH			MM/IN		6:1		METRIC			
	CHKD: TIBARRA			2013/12/06			4 PLACES ± --- ± ---			DRAWN BY		DATE		TITLE		SALES ASSEMBLY	
	APPR: SMILLER						3 PLACES ± --- ± ---			HAVERY		00/04/06				Z AXIS PLUGGABLE	
							2 PLACES ± 0.13 ± .005			CHECKED BY		DATE				PCB CONNECTOR	
							1 PLACE ± 0.25 ± .010			KSWEENEY		00/04/06					
							0 PLACE ± ±			APPROVED BY		DATE					
							ANGULAR ± 1/2°			MBANAKIS		00/04/06				molex	
							DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS			MATERIAL NO.				DOCUMENT NO.		SHEET NO.	
										SEE TBL, SHT 1				SD-74441-001		6 OF 7	
W	REV									SIZE	THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION						



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