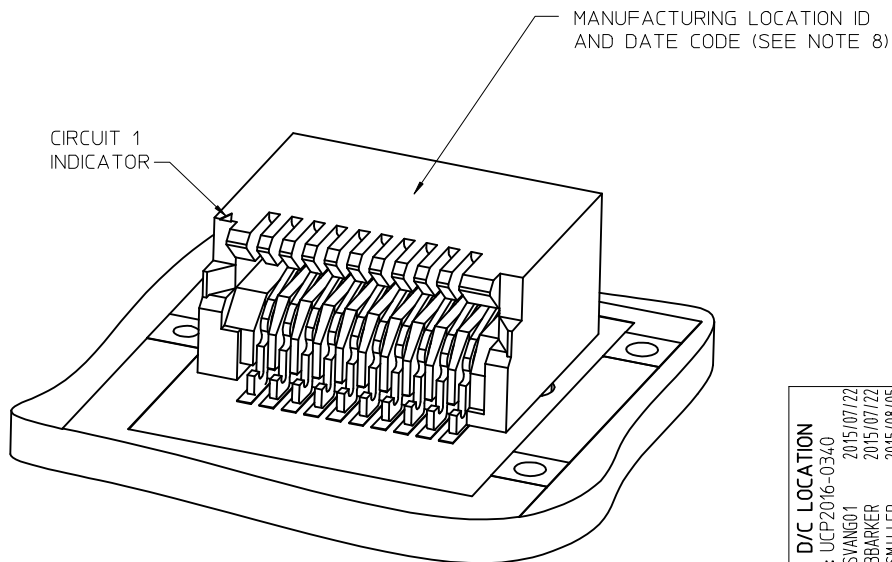


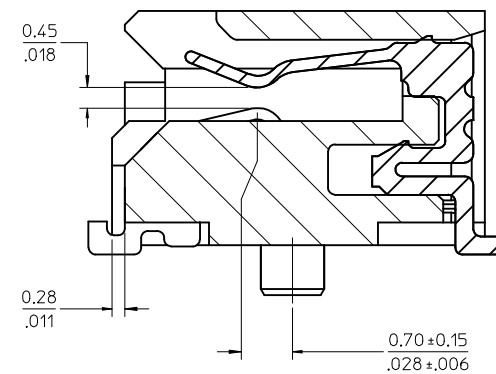
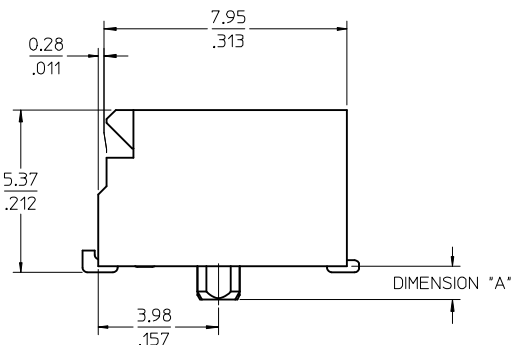
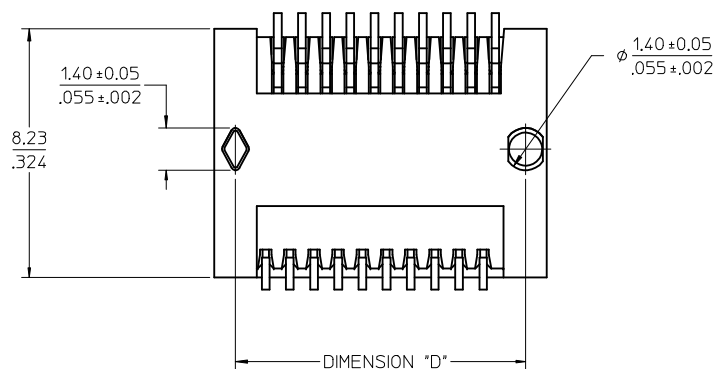
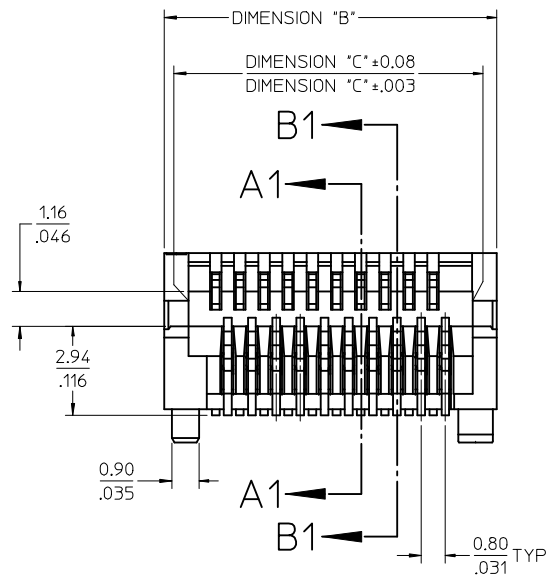
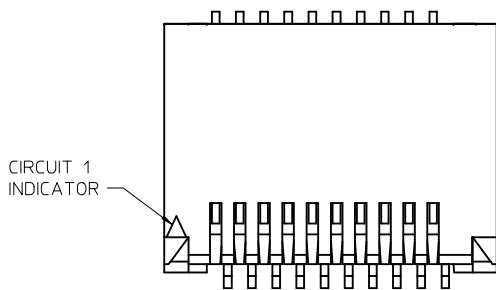
CKT SIZE	PART NUMBER	TOOLED	DESCRIPTION	DIMENSIONS				MULTI-SOURCE AGREEMENT	CIRCUIT BOARD LAYOUT
				"A"	"B"	"C"	"D"		
20	74441-0001	YES	PLATED PER NOTE 2	1.10/.043	11.00/.433	9.40/.370	9.60/.378	SFP	SEE SHEET 3
	74441-0004	NO*	PLATED PER NOTE 2	0.76/.030					
	74441-0010	YES	PLATED PER NOTE 3	1.10/.043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

NOTES

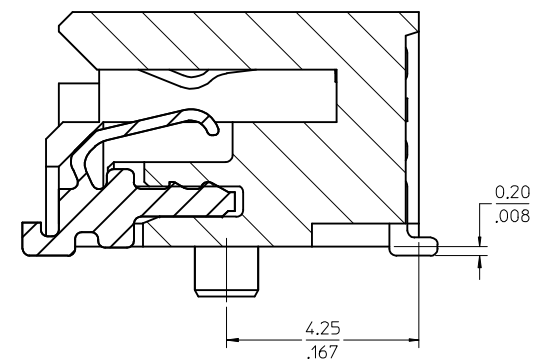
- MATERIAL:**
HOUSING - HIGH TEMPERATURE THERMOPLASTIC GLASS FILLED, UL 94V-0, BLACK
TERMINALS - COPPER ALLOY
- PLATING (SEE TABLE):**
CONTACT AREA - 0.38 MICROMETER MINIMUM GOLD OVER NICKEL
SOLDER FOOT AREA - 2.54 MICROMETER MINIMUM TIN OVER NICKEL
- PLATING (SEE TABLE):**
CONTACT AREA - 0.76 MICROMETER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





SHOW D/C LOCATION EC NO: UCP2016-0340 DRWNSVANG01 2015/07/22 CHKD:BBARKER 2015/07/22 APPR:SMILLER 2015/08/05			DESCRIPTION	QUALITY SYMBOLS	GENERAL TOLERANCES (UNLESS SPECIFIED)			DIMENSION STYLE MM/IN		SCALE 1:1	DESIGN UNITS METRIC	THIRD ANGLE PROJECTION	
X	REV	▽=0		mm		INCH		DRAWN BY DATE HAVERY 00/04/06		TITLE SALES ASSEMBLY Z AXIS PLUGGABLE PCB CONNECTOR molex DOCUMENT NO. SD-74441-001 SHEET NO. 1 OF 7			
		4 PLACES ±.--- ±.---		3 PLACES ±.--- ±.---		CHECKED BY DATE KSWEENEY 00/04/06							
		2 PLACES ±0.13 ±.005		1 PLACE ±0.25 ±.010		APPROVED BY DATE MBANAKIS 00/04/06							
		0 PLACE ±		ANGULAR ±1/2°									
		DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		SEE TABLE									
C THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION													

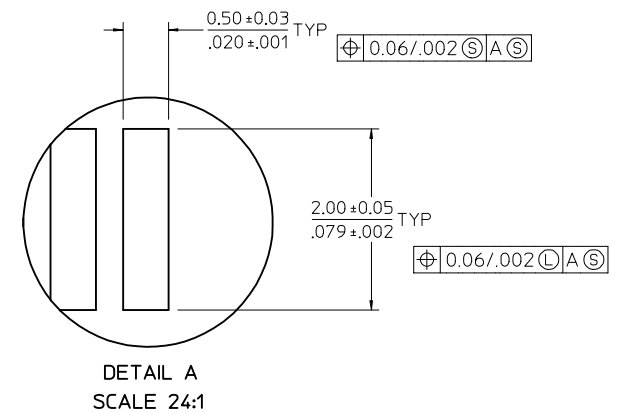
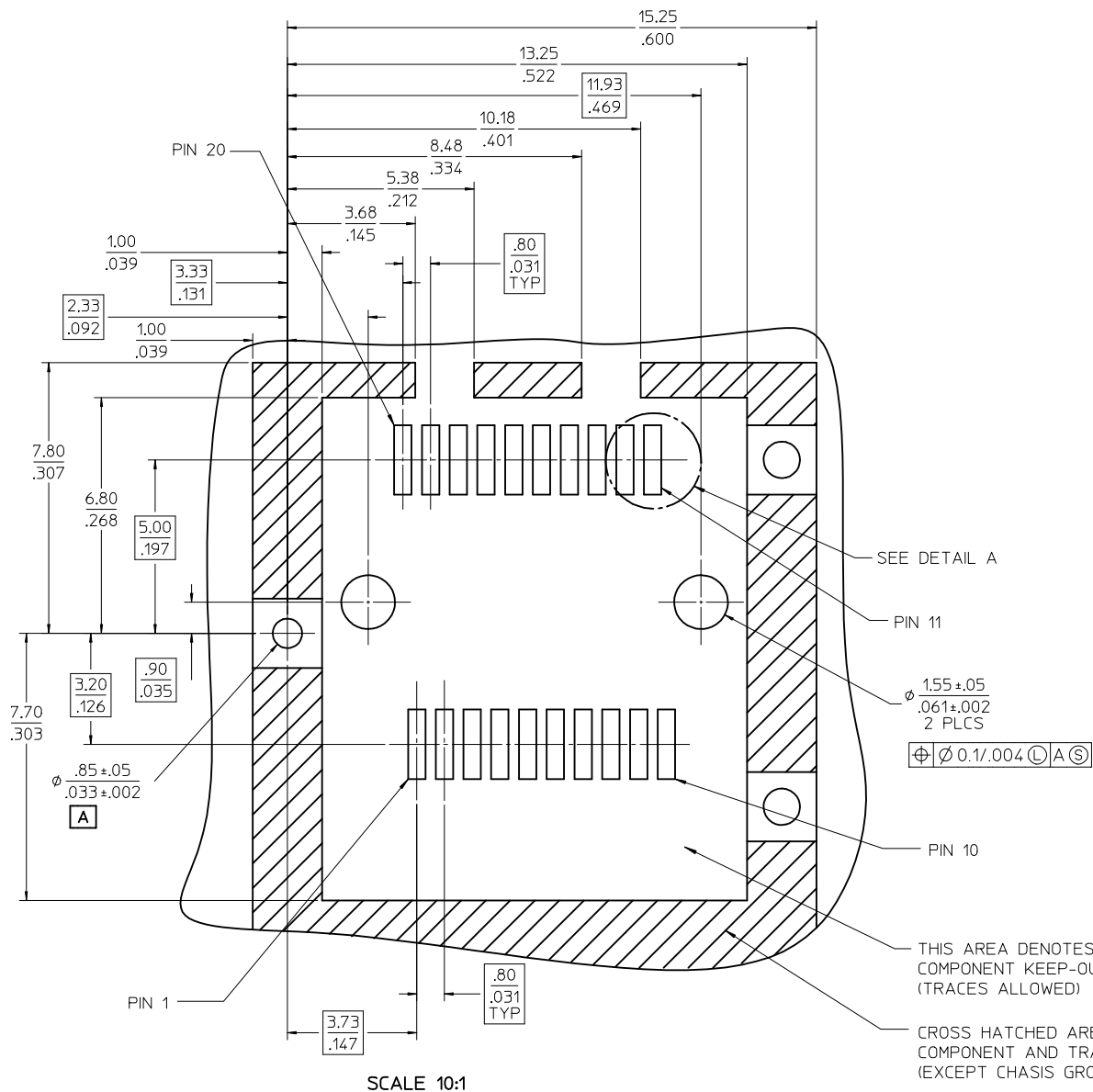


SECTION A1-A1
SCALE 12:1



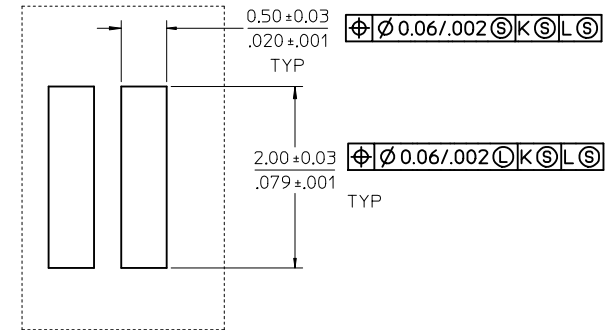
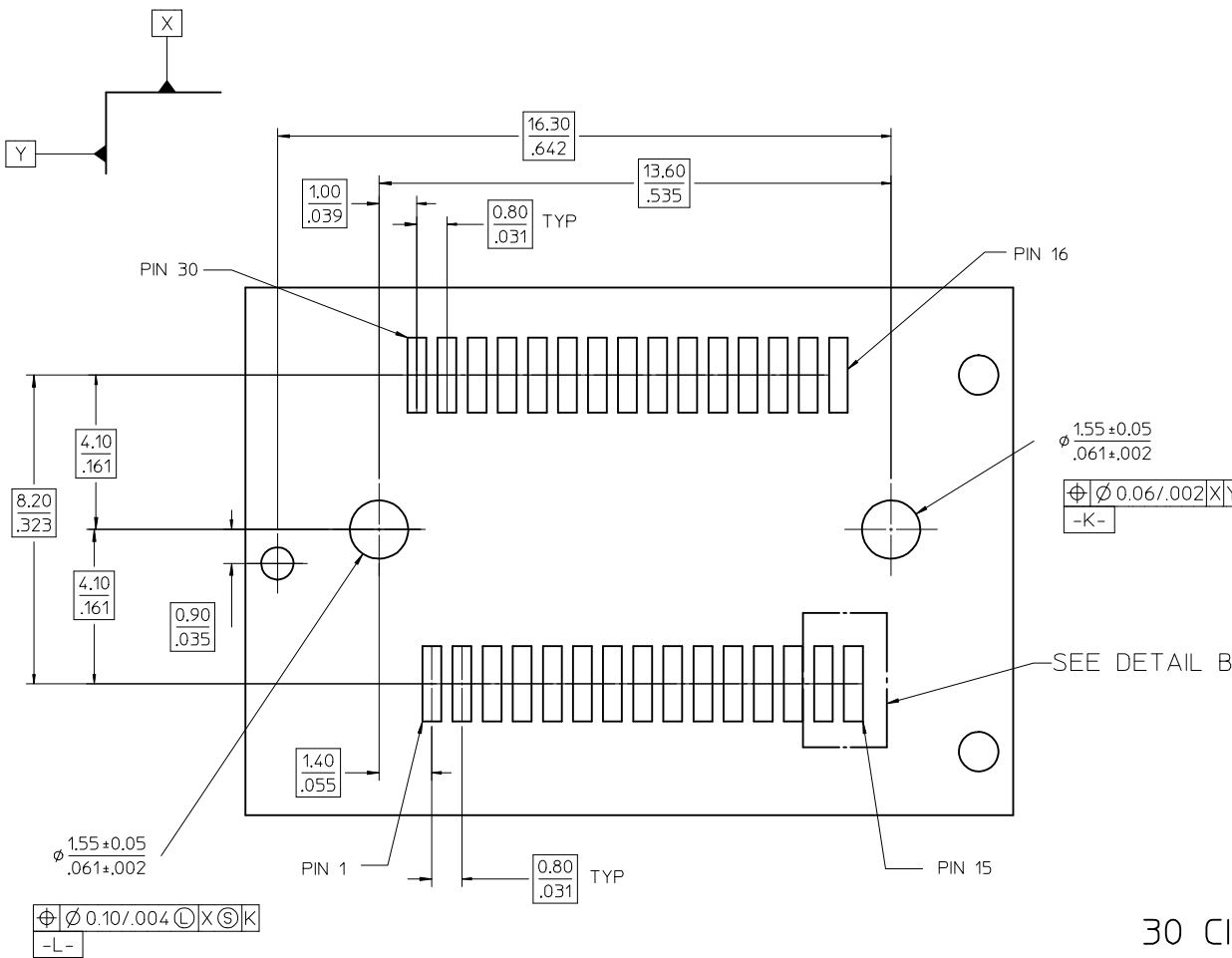
SECTION B1-B1
SCALE 12:1

SEE SHEET 1 EC NO: UCP2016-0340 DRWNSVANG01 2015/07/22 CHKD:BBARKER 2015/07/22 APPR:SMILLER 2015/08/05	REV	DESCRIPTION	QUALITY SYMBOLS	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 KSWEENEY	DATE 00/04/06					
				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			2 OF 7		
				0 PLACE	±	±	SIZE C	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									




20 CIRCUIT MOTHER BOARD RECOMMENDED PCB LAYOUT

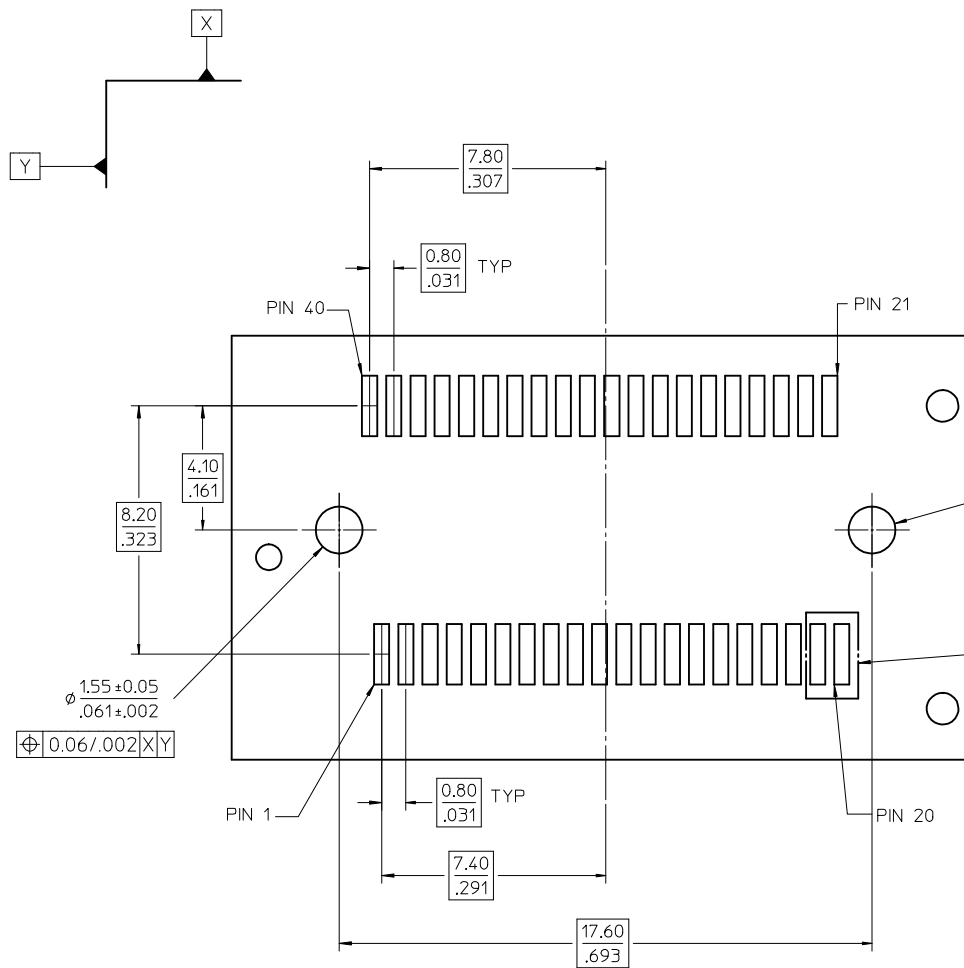
SEE SHEET 1	EC NO: UCP2016-0340			DESCRIPTION	QUALITY SYMBOLS	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE		SCALE	DESIGN UNITS	THIRD ANGLE PROJECTION		
	DRWNSVANG01 2015/07/22					MM/IN		8:1	METRIC					
	CHKDBBARKER 2015/07/22					mm	INCH	DRAWN BY	DATE	SALES ASSEMBLY Z AXIS PLUGGABLE PCB CONNECTOR				
	APPR:SMILLER 2015/08/05					4 PLACES	± ---	± ---	HAVERY					00/04/06
						3 PLACES	± ---	± ---	CHECKED BY					DATE
						2 PLACES	± 0.13	± .005	KSWEENEY	00/04/06	molex			
						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 TBL, SHT 1		SD-74441-001		3 OF 7		
X			REV	SIZE THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION										



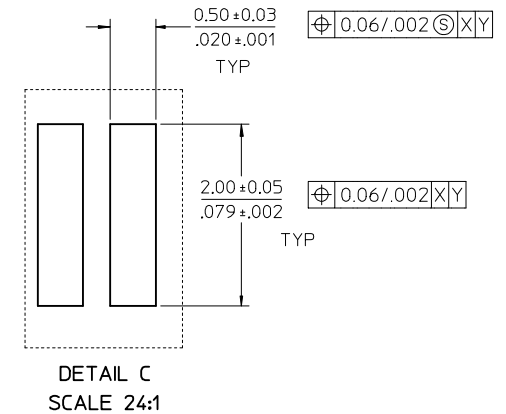
DETAIL B
SCALE 24:1

30 CIRCUIT MOTHER BOARD RECOMMENDED PCB LAYOUT

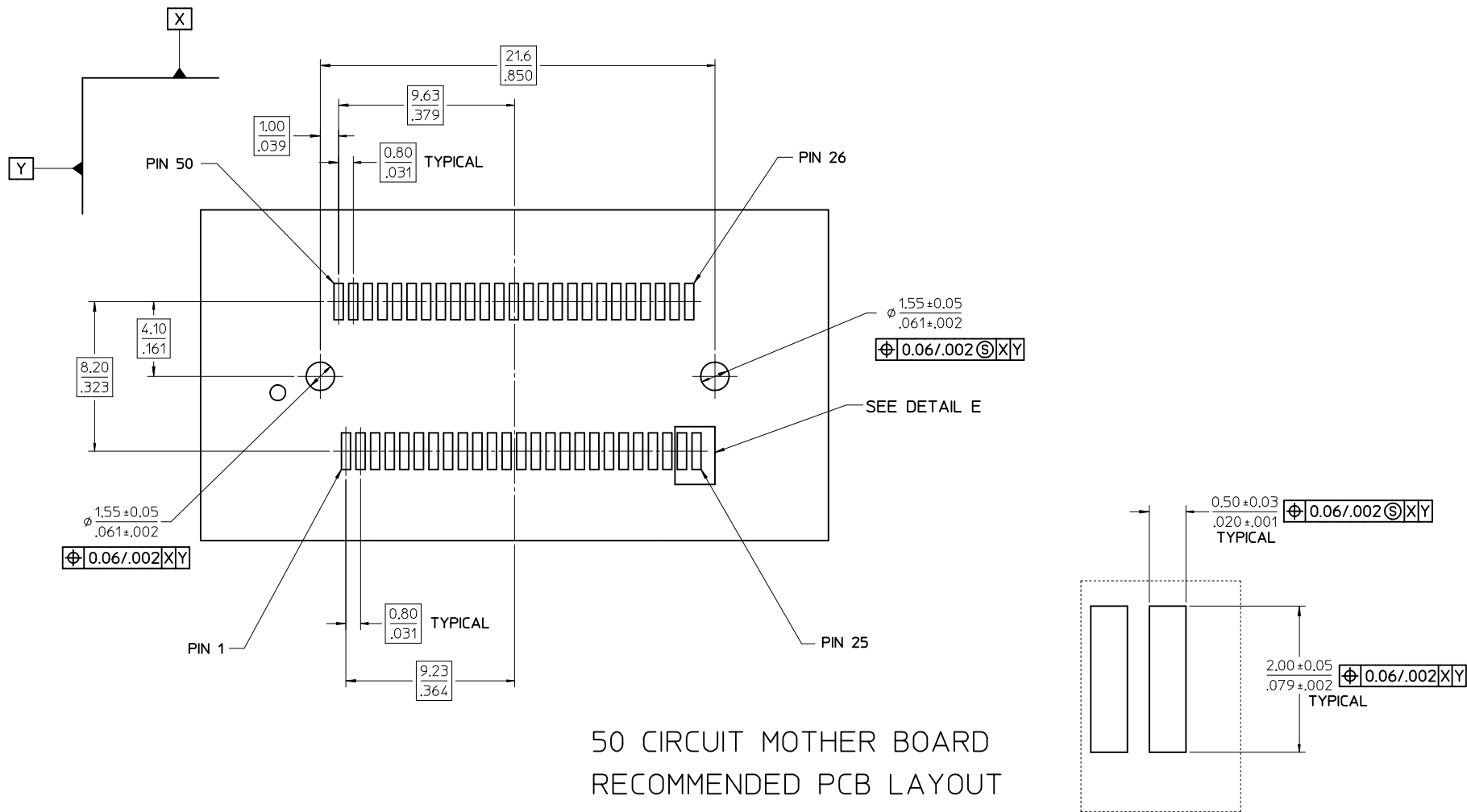
SEE SHEET 1	EC NO: UCP2016-0340 DRWNSVANG01 2015/07/22 CHYKD-BARKER 2015/07/22 APPR: SMILLER 2015/08/05	DESCRIPTION	QUALITY SYMBOLS	GENERAL TOLERANCES (UNLESS SPECIFIED)			DIMENSION STYLE		SCALE	DESIGN UNITS	 THIRD ANGLE PROJECTION
							MM/IN		6:1	METRIC	
							DRAWN BY	DATE	TITLE		
							HAVERY	00/04/06	SALES ASSEMBLY		
							CHECKED BY	DATE	Z AXIS PLUGGABLE		
							KSWEENEY	00/04/06	PCB CONNECTOR		
							APPROVED BY	DATE	molex		
			MBANAKIS	00/04/06							
REV	X			ANGULAR ±1/2°			DOCUMENT NO.		SHEET NO.		
				DRAFT WHERE APPLICABLE			SEE TBL, SHT 1		SD-74441-001	4 OF 7	
				MUST REMAIN WITHIN DIMENSIONS			THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION				



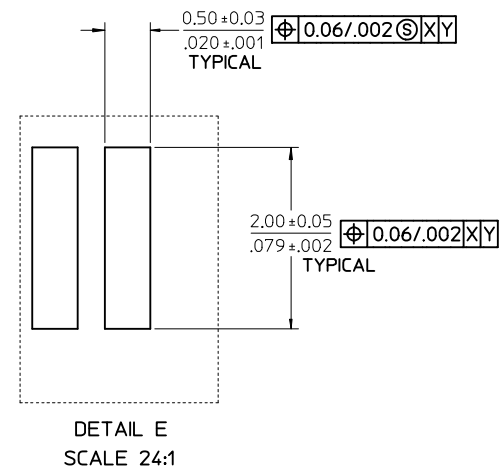
40 CIRCUIT MOTHER BOARD RECOMMENDED PCB LAYOUT




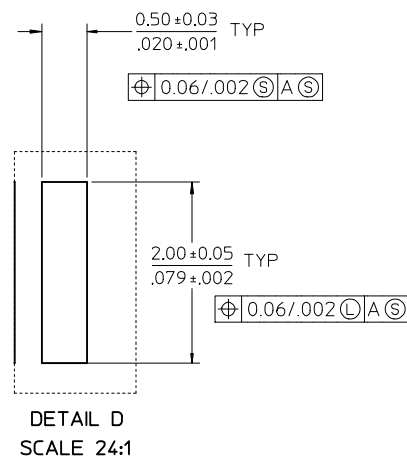
SEE SHEET 1	EC NO: UCP2016-0340			2015/07/22		
	DRWNSVANG01			2015/07/22		
	CHKD:BBARKER			2015/07/22		
	APPR:SMILLER			2015/08/05		
	DESCRIPTION					
	REV					
	QUALITY SYMBOLS					
	GENERAL TOLERANCES (UNLESS SPECIFIED)					
	DIMENSION STYLE					
	SCALE					
DESIGN UNITS						
THIRD ANGLE PROJECTION						
DRAWN BY						
DATE						
TITLE						
SALES ASSEMBLY						
Z AXIS PLUGGABLE						
PCB CONNECTOR						
molex						
APPROVED BY						
DATE						
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



SEE SHEET 1	EC NO: UCP2016-0340			DESCRIPTION	QUALITY SYMBOLS	GENERAL TOLERANCES (UNLESS SPECIFIED)			DIMENSION STYLE		SCALE	DESIGN UNITS	 THIRD ANGLE PROJECTION
	2015/07/22					mm INCH			MM/IN		6:1	METRIC	
	DRWNSVANG01					4 PLACES	± ---	± ---	DRAWN BY	DATE	TITLE		
	CHKD:BBARKER					3 PLACES	± ---	± ---	HAVERY	00/04/06	SALES ASSEMBLY Z AXIS PLUGGABLE PCB CONNECTOR		
	APPR:SMILLER					2 PLACES	± 0.13	± .005	CHECKED BY	DATE			
						1 PLACE	± 0.25	± .010	KSWEENEY	00/04/06			
						0 PLACE	±	±	APPROVED BY	DATE			
									MBANAKIS	00/04/06			
			ANGULAR ±1/2°			MATERIAL NO.		DOCUMENT NO.	SHEET NO.				
			DRAFT WHERE APPLICABLE			SEE TBL, SHT 1		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							



<div>SEE SHEET 1</div> <div>EC NO: UCP2016-0340</div> <div>DRWNSVANG01</div> <div>CHYKDBARKER</div> <div>APPR: SMILLER</div>	<div>2015/07/22</div> <div>2015/07/22</div> <div>2015/08/05</div>	<div>DESCRIPTION</div>	<div>QUALITY SYMBOLS</div> <div> = 0 = 0 = 0 </div>	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE		SCALE	DESIGN UNITS	THIRD ANGLE PROJECTION	
						MM/IN		6:1	METRIC		
				<div>m/m</div> <div>INCH</div>		<div>DRAWN BY</div> <div>DATE</div>		TITLE			
				<div>4 PLACES</div> <div>± ---</div> <div>± ---</div>		HAVERY		00/04/06			
				<div>3 PLACES</div> <div>± ---</div> <div>± ---</div>		CHECKED BY		DATE			
				<div>2 PLACES</div> <div>± 0.13</div> <div>± .005</div>		KSWENEY		00/04/06			
				<div>1 PLACE</div> <div>± 0.25</div> <div>± .010</div>		APPROVED BY		DATE			
				<div>0 PLACE</div> <div>±</div> <div>±</div>		MBANAKIS		00/04/06			
				ANGULAR ± 1/2°		MATERIAL NO.		DOCUMENT NO.		SHEET NO.	
				DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		SEE TBL, SHT 1		SD-74441-001		7 OF 7	
REV					<div>THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION</div>						