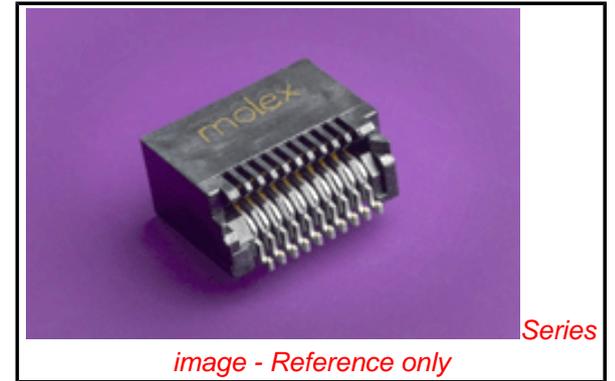


PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION

Part Number: [0744410001](#)
Status: **Active**
Overview: [sfp_sfp host connectors](#)
Description: 0.80mm (.031") Pitch SFP, SFP Plus (SFP+) Host Connector, Z-Axis Pluggable, Right Angle, SMT, 20 Circuits, 0.38µm (15µ") Gold (Au)

Documents:

3D Model	Product Specification PS-74441-001 (PDF)
Application Specification (PDF)	RoHS Certificate of Compliance (PDF)
Drawing (PDF)	



Agency Certification

CSA	LR19980
UL	E29179

General

Product Family	I/O Connectors
Series	74441
Application	Module-to-Board
Component Type	Receptacle
Overview	sfp_sfp host connectors
Product Name	Z-Axis Pluggable
Type	N/A

Physical

Boot Color	N/A
Circuits (Loaded)	20
Circuits (maximum)	20
Circuits Detail	20
Color - Resin	Black
Durability (mating cycles max)	200
Flammability	94V-0
Gender	Receptacle
Keying to Mating Part	Yes
Lock to Mating Part	Yes
Material - Metal	High Performance Alloy (HPA)
Material - Plating Mating	Gold
Material - Plating Termination	Tin
Material - Resin	High Temperature Thermoplastic
Number of Rows	2
Orientation	Right Angle
PCB Locator	Yes
PCB Retention	Yes
Packaging Type	Embossed Tape on Reel
Panel Mount	No
Pitch - Mating Interface (in)	0.031 In
Pitch - Mating Interface (mm)	0.80 mm
Pitch - Term. Interface (in)	0.031 In
Pitch - Term. Interface (mm)	0.80 mm
Plating min: Mating (µin)	15.2
Plating min: Mating (µm)	0.38
Plating min: Termination (µin)	101.6
Plating min: Termination (µm)	2.54
Polarized to Mating Part	Yes
Polarized to PCB	No
Ports	1

EU RoHS

**ELV and RoHS
Compliant**
REACH SVHC
 Not Reviewed
**Halogen-Free
Status**

China RoHS



**Need more information on product
environmental compliance?**

Email productcompliance@molex.com
 For a multiple part number RoHS Certificate of Compliance, [click here](#)

Please visit the [Contact Us](#) section for any non-product compliance questions.

Search Parts in this Series

[74441Series](#)

Mates With

SFP Modules

Use With

EMI Shield, [73927](#) SFP Cage, [86025](#) LC Duplex Cable Assembly, Guide Frame, [73939](#) HSSDC2 Cable Assembly

Surface Mount Compatible (SMC)	Yes
Temperature Range - Operating	-40°C to +85°C
Termination Interface: Style	Surface Mount
Waterproof / Dustproof	No
Wire Size AWG	N/A

Electrical

Current - Maximum per Contact	0.5A
Grounding to Panel	Yes
Shielded	No
Voltage - Maximum	30V AC (RMS)/DC

Solder Process Data

Duration at Max. Process Temperature (seconds)	40
Lead-free Process Capability	Reflow Capable (SMT only)
Max. Cycles at Max. Process Temperature	3
Process Temperature max. C	260

Material Info

Reference - Drawing Numbers

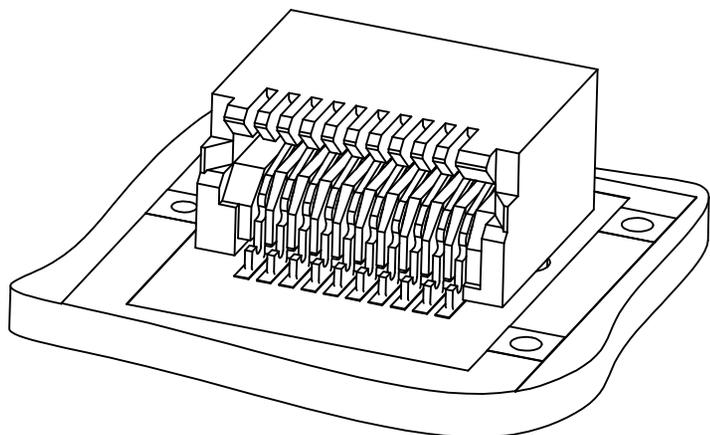
Application Specification	AS-74441-001
Product Specification	PS-74441-001
Sales Drawing	SD-74441-001, SD-74441-004
Test Summary	TS-74441-002, TS-74441-004, TS-74441-010

This document was generated on 05/19/2010

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

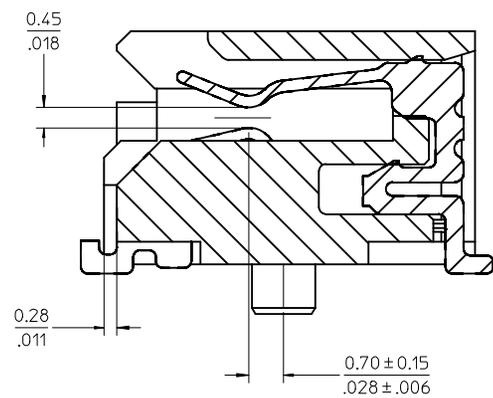
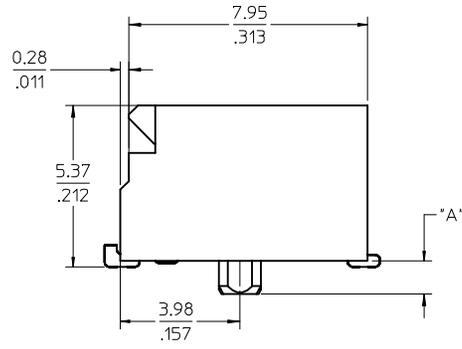
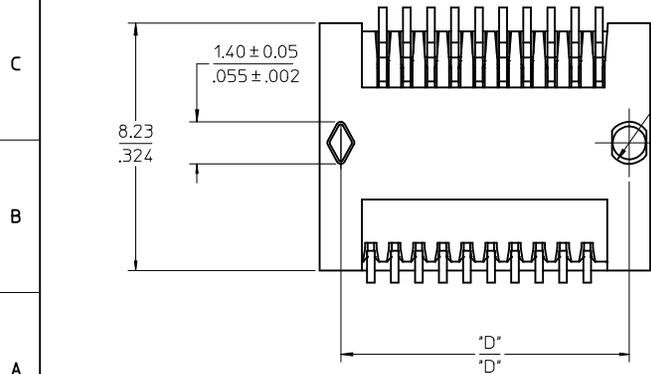
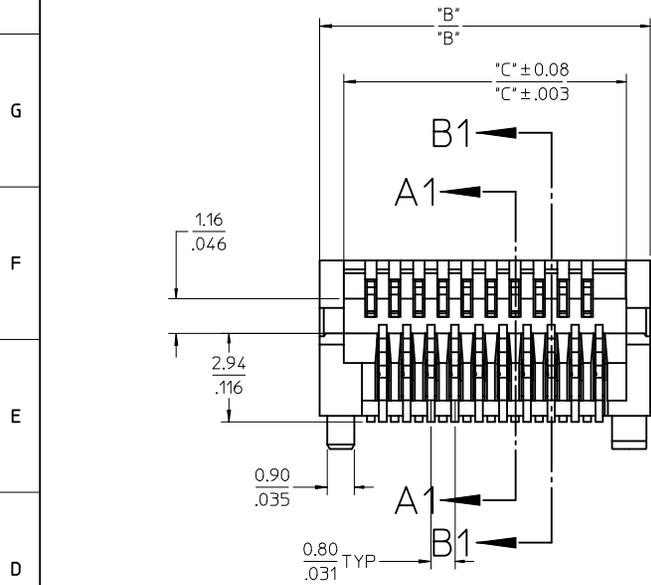
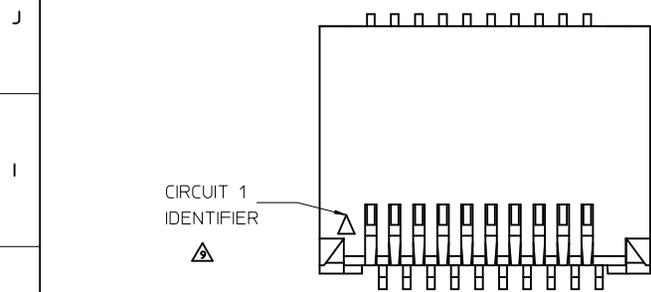
CKT SIZE	PART NUMBER	TOOLED	DESCRIPTION	"A"	"B"	"C"	"D"	MULTI-SOURCE AGREEMENT	CONNECTOR DRAWING	CIRCUIT BOARD DRAWING
20	74441-0001	YES	PLATED PER NOTE 2	1.10/.043	11.00/.433	9.40/.370	9.60/.378	SFP	PAGE 2	PAGE 3
	74441-0004	NO*	PLATED PER NOTE 2	0.76/.030						
	74441-0010	YES	PLATED PER NOTE 3	1.10/.043						
	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	21.40/.843	21.60/.850		PAGE 2	PAGE 6
	74441-0018	YES	PLATED PER NOTE 3	1.10/.043						
	74441-0028	YES	PLATED PER NOTE 4	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	29.40/1.157	29.60/1.165	XENPAK XPAK X2	PAGE 2	PAGE 7
	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						



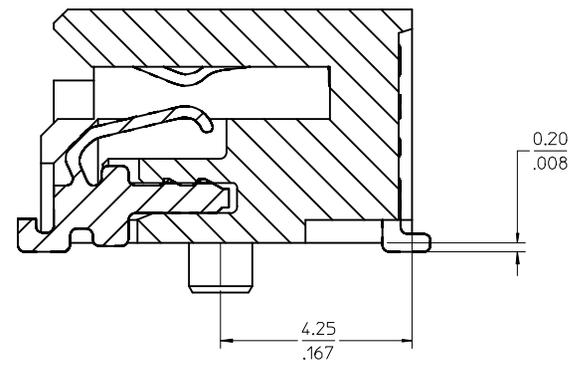
NOTES

- MATERIAL:
HOUSING - HIGH TEMPERATURE THERMOPLASTIC GLASS FILLED, UL 94V-0, BLACK
TERMINALS - COPPER ALLOY
- PLATING:
CONTACT AREA - 0.38 μm MIN GOLD OVER 2.54 μm MIN NICKEL
SOLDER FOOT AREA - 2.54 - 5.09 μm TIN OVER 2.54 μm MIN NICKEL.
- PLATING:
CONTACT AREA - 0.76 μm MIN GOLD OVER 2.54 μm NICKEL
SOLDER AREA - 2.54 -5.09 μm TIN OVER 2.54 μm MIN NICKEL
- PLATING:
CONTACT AREA - 0.76 μm MIN GOLD OVER 2.54 μm NICKEL, LUBRICATED
SOLDER AREA: GOLD FLASH OVER 2.54 μm MIN NICKEL.
- PLATING:
CONTACT AREA - 0.76 μm MIN GOLD OVER 2.54 μm NICKEL,
SOLDER AREA: GOLD FLASH OVER 2.54 μm MIN NICKEL.
- PLATING:
CONTACT AREA - 0.38 μm MIN GOLD OVER 2.54 μm NICKEL,
SOLDER AREA: GOLD FLASH OVER 2.54 μm 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

ADD -0041 EC NO: UCP2009-1455 DRWN:MS BARRA 2009/01/15 CHKD:BSMART 2009/01/15 APPR:SMILLER 2009/01/16	QUALITY SYMBOLS	GENERAL TOLERANCES (UNLESS SPECIFIED)	DIMENSION STYLE	SCALE	DESIGN UNITS	THIRD ANGLE PROJECTION
	▽=0 ▽=0	mm INCH	MM/IN	1:1	METRIC	
		4 PLACES ± --- ± ---	DRAWN BY DATE	TITLE		
		3 PLACES ± --- ± ---	HAVERY 00/04/06	SALES ASSEMBLY		
	2 PLACES ± 0.13 ± .005	CHECKED BY DATE	Z AXIS PLUGGABLE			
	1 PLACE ± 0.25 ± .010	KSWEENEY 00/04/06	PCB CONNECTOR			
	ANGULAR ± 1/2°	APPROVED BY DATE	MOLEX INCORPORATED			
		MBANAKIS 00/04/06	SD-74441-001			
		MATERIAL NO.	DOCUMENT NO.			
			SEE TABLE			
			SHEET NO. 1 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			

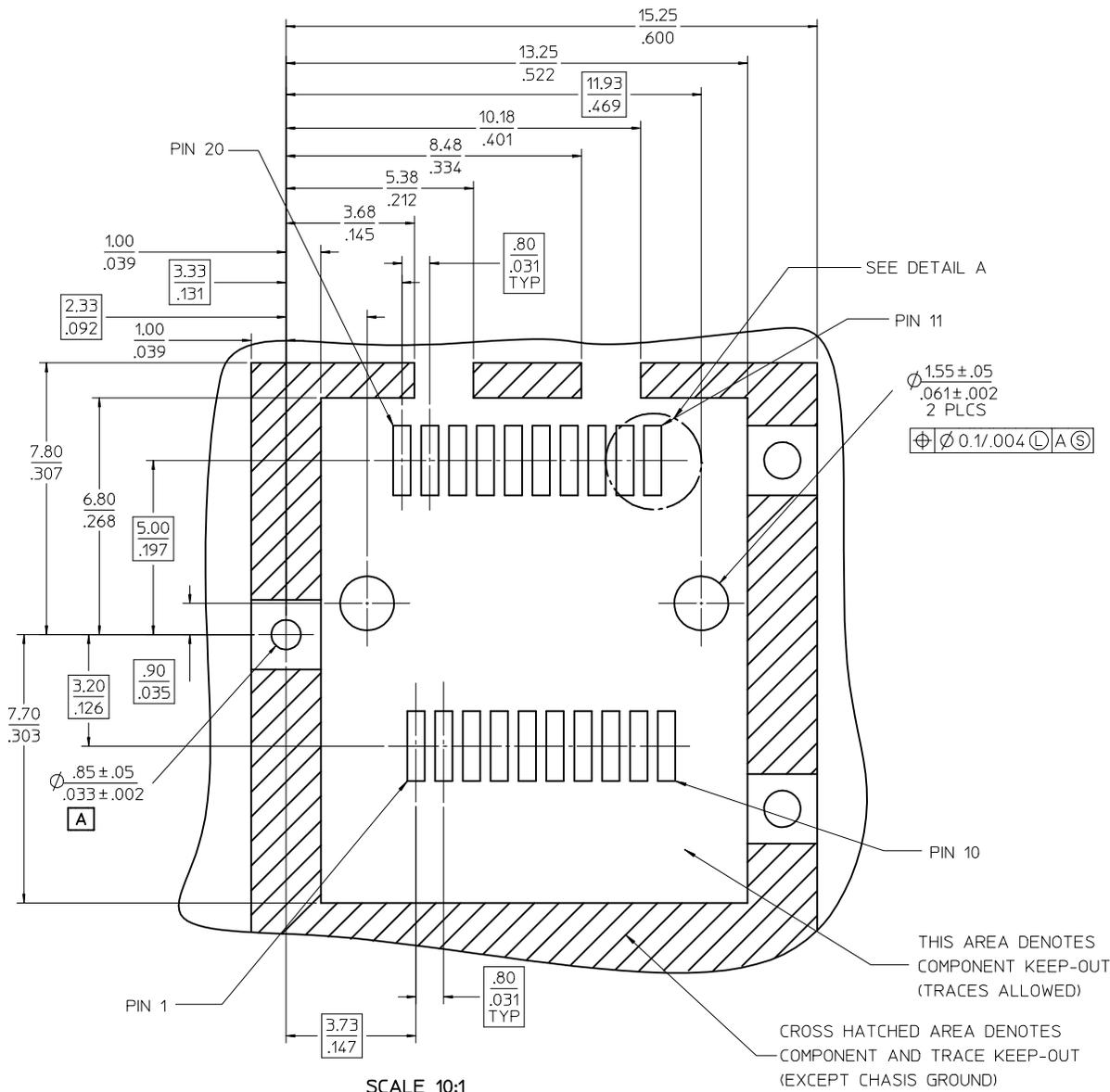


SECTION A1-A1
SCALE 12:1



SECTION B1-B1
SCALE 12:1

SEE SHEET 1 EC NO: UCP2009-1455 DRWN:MS BARRA 2009/01/15 CHKD:BSMART 2009/01/15 APPR:SMILLER 2009/01/16	QUALITY SYMBOLS ▽=0 ▽=0	GENERAL TOLERANCES (UNLESS SPECIFIED) <table border="1"> <tr> <th></th> <th>mm</th> <th>INCH</th> </tr> <tr> <td>4 PLACES</td> <td>± .005</td> <td>± .0005</td> </tr> <tr> <td>3 PLACES</td> <td>± .005</td> <td>± .0005</td> </tr> <tr> <td>2 PLACES</td> <td>± 0.13</td> <td>± .005</td> </tr> <tr> <td>1 PLACE</td> <td>± 0.25</td> <td>± .010</td> </tr> </table> ANGULAR ±1/2°		mm	INCH	4 PLACES	± .005	± .0005	3 PLACES	± .005	± .0005	2 PLACES	± 0.13	± .005	1 PLACE	± 0.25	± .010	DIMENSION STYLE MM/IN DRAWN BY: HAVERY DATE: 00/04/06 CHECKED BY: KSWEENEY DATE: 00/04/06 APPROVED BY: MBANAKIS DATE: 00/04/06	SCALE 6:1	DESIGN UNITS METRIC	THIRD ANGLE PROJECTION
		mm	INCH																		
	4 PLACES	± .005	± .0005																		
	3 PLACES	± .005	± .0005																		
2 PLACES	± 0.13	± .005																			
1 PLACE	± 0.25	± .010																			
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS	SEE TABLE	MOLEX INCORPORATED 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																					



SCALE 10:1

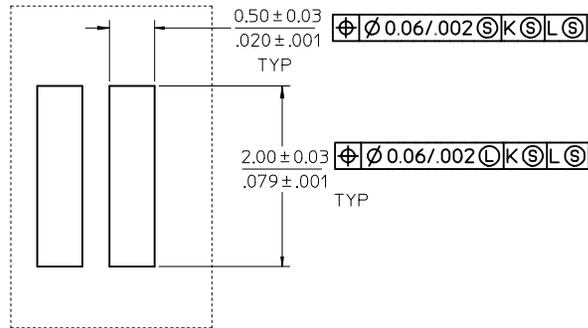
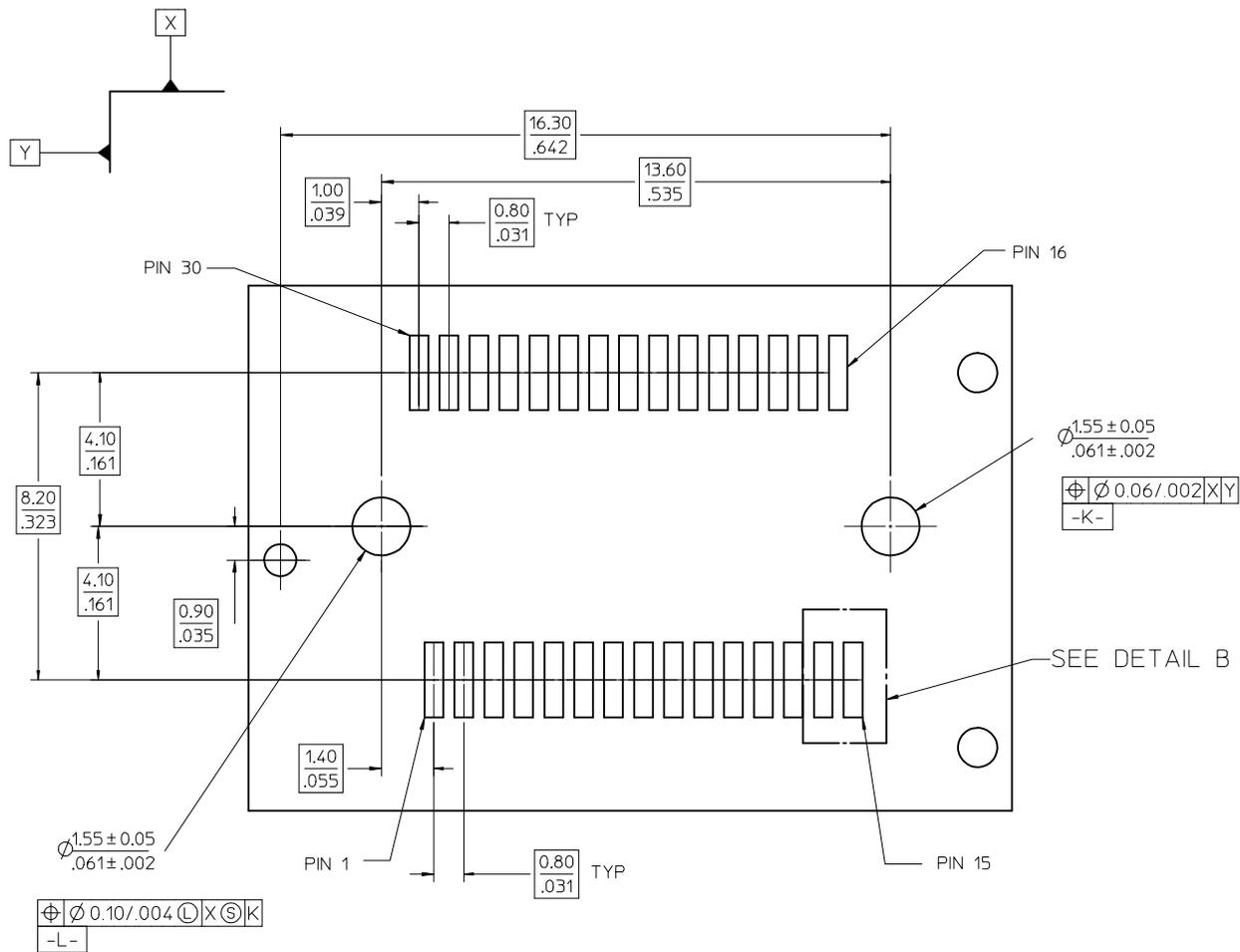
20 CIRCUIT MOTHER BOARD RECOMMENDED PCB LAYOUT

SEE SHEET 1	EC NO: UCP2009-1455	2009/01/15
	DRWN:MSIBARRA	2009/01/15
	CHKD:BSMART	2009/01/15
	APPR:SMILLER	2009/01/16
REV	DESCRIPTION	

QUALITY SYMBOLS	GENERAL TOLERANCES (UNLESS SPECIFIED)
▽=0	
▽=0	
	mm INCH
	4 PLACES ± .005 ± .005
	3 PLACES ± .005 ± .005
	2 PLACES ± .013 ± .005
	1 PLACE ± 0.25 ± .010
	ANGULAR ±1/2°
	DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS

DIMENSION STYLE		SCALE	DESIGN UNITS	THIRD ANGLE PROJECTION
MM/IN		8:1	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	MATERIAL NO.		
MBANAKIS	00/04/06	DOCUMENT NO.		
SIZE		SHEET NO.		
C		3 OF 7		

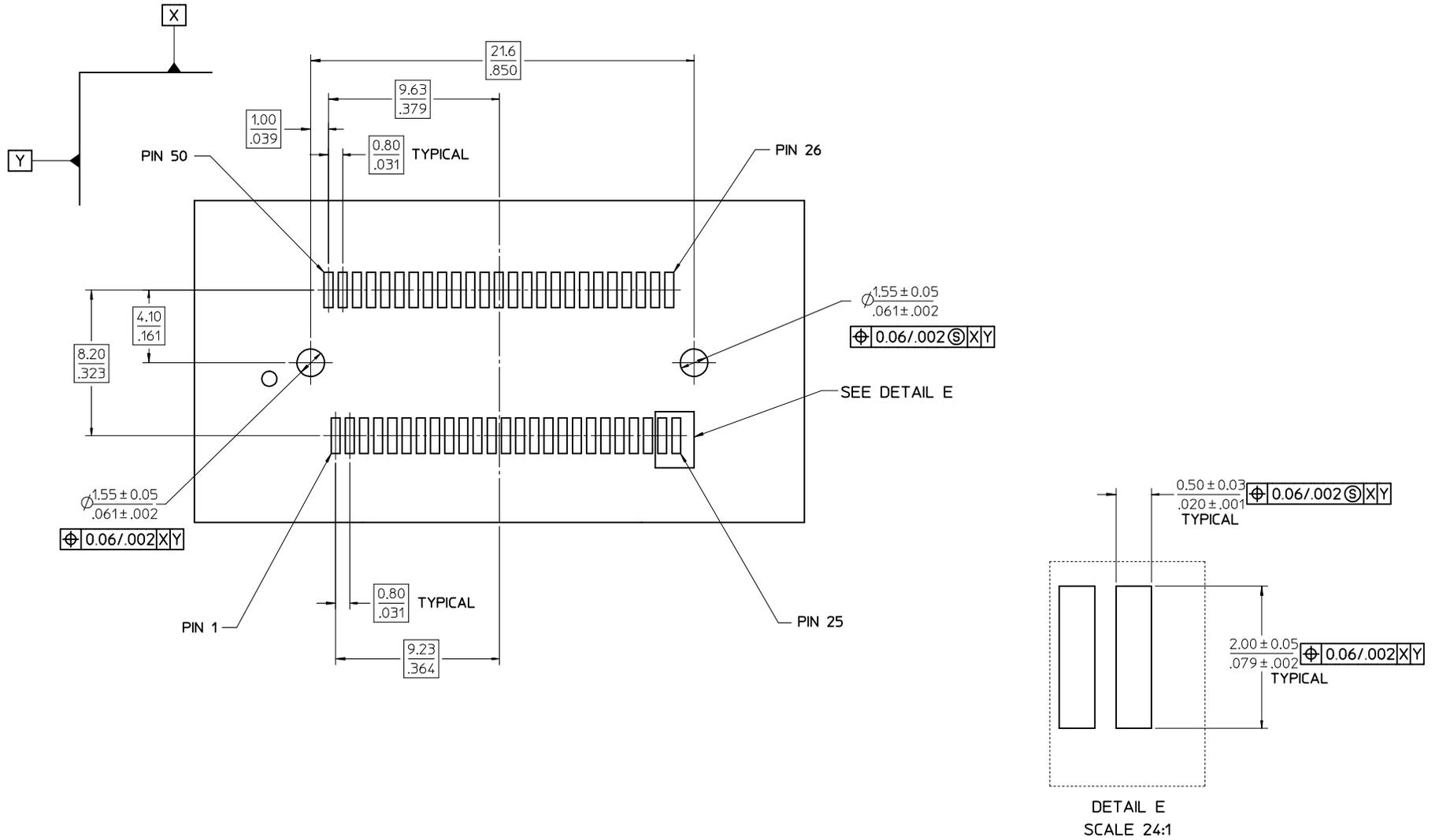
MATERIAL NO.		DOCUMENT NO.	
SEE TABLE		SD-74441-001	
THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION			



DETAIL B
SCALE 24:1

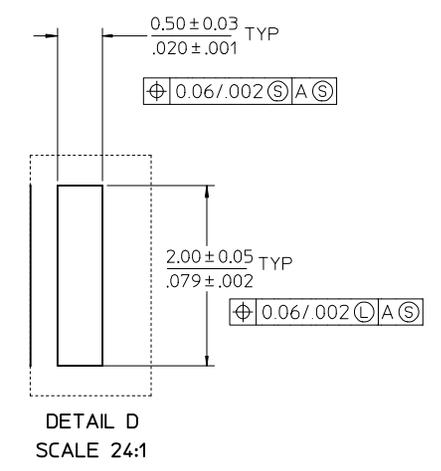
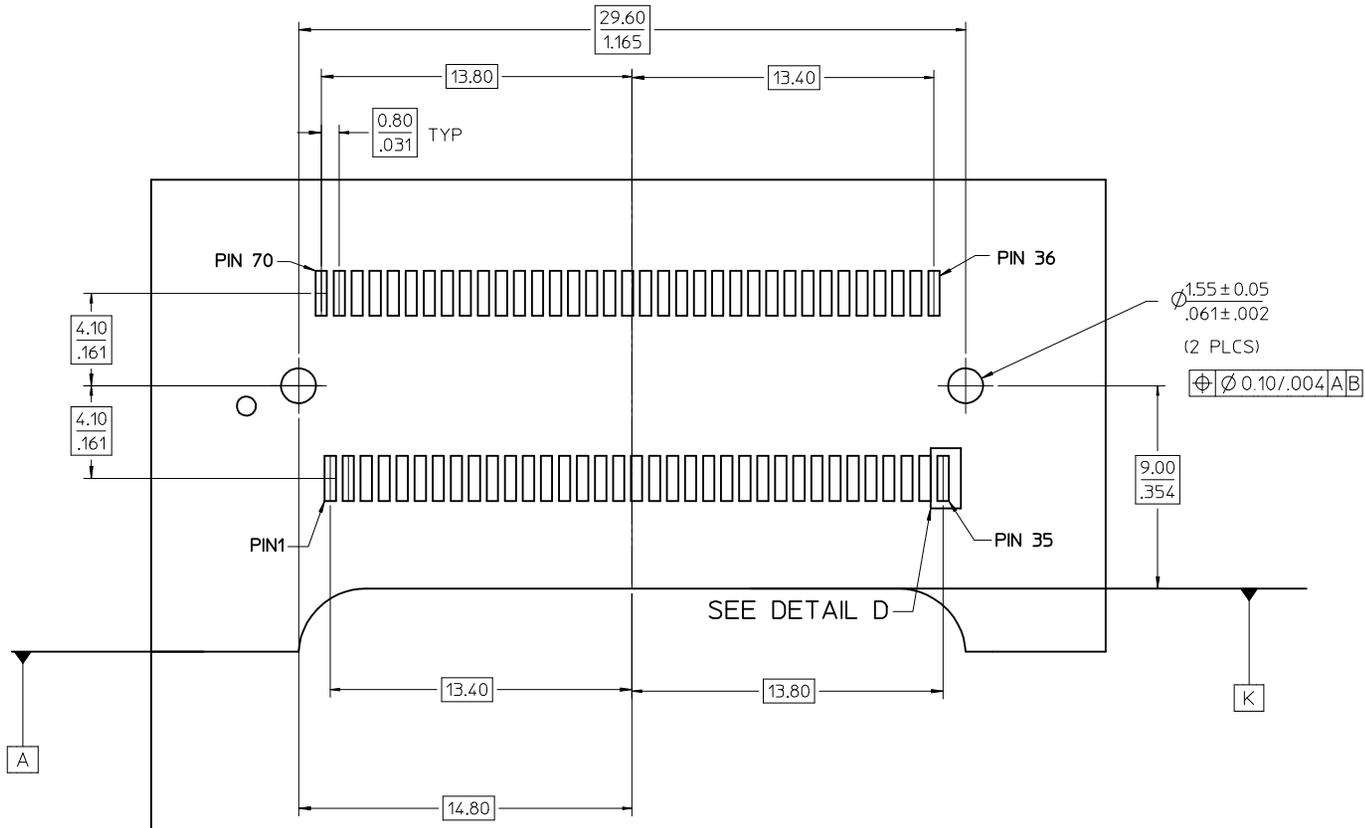
30 CIRCUIT MOTHER BOARD
RECOMMENDED PCB LAYOUT

SEE SHEET 1 EC NO: UCP2009-1455 DRWN:MS BARRA 2009/01/15 CHYK:BSMART 2009/01/15 APPR:SMILLER 2009/01/16	QUALITY SYMBOLS ▽=0 ▽=0	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE MM/IN	SCALE 6:1	DESIGN UNITS METRIC	THIRD ANGLE PROJECTION															
		<table border="1"> <thead> <tr> <th></th> <th>mm</th> <th>INCH</th> </tr> </thead> <tbody> <tr> <td>4 PLACES</td> <td>± .005</td> <td>± .0005</td> </tr> <tr> <td>3 PLACES</td> <td>± .010</td> <td>± .0010</td> </tr> <tr> <td>2 PLACES</td> <td>± .020</td> <td>± .0020</td> </tr> <tr> <td>1 PLACE</td> <td>± .050</td> <td>± .0050</td> </tr> </tbody> </table>		mm	INCH	4 PLACES	± .005	± .0005	3 PLACES	± .010	± .0010	2 PLACES	± .020	± .0020	1 PLACE	± .050	± .0050	DRAWN BY HAVERY	DATE 00/04/06	TITLE SALES ASSEMBLY Z AXIS PLUGGABLE PCB CONNECTOR		
		mm	INCH																			
	4 PLACES	± .005	± .0005																			
3 PLACES	± .010	± .0010																				
2 PLACES	± .020	± .0020																				
1 PLACE	± .050	± .0050																				
	ANGULAR ±1/2°	CHECKED BY KSWEENEY	DATE 00/04/06	MOLEX INCORPORATED																		
	DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS	APPROVED BY MBANAK IS	DATE 00/04/06	MATERIAL NO. SEE TABLE	DOCUMENT NO. SD-74441-001	SHEET NO. 4 OF 7																



50 CIRCUIT MOTHER BOARD
RECOMMENDED PCB LAYOUT

SEE SHEET 1 EC NO: UCP2009-1455 DRAWN BY: IBARRA 2009/01/15 CHECKED BY: SMART 2009/01/15 APPR: MILLER 2009/01/16	QUALITY SYMBOLS ▽=0 ▽=0	GENERAL TOLERANCES (UNLESS SPECIFIED) <table border="1"> <thead> <tr> <th></th> <th>mm</th> <th>INCH</th> </tr> </thead> <tbody> <tr> <td>4 PLACES</td> <td>± .13</td> <td>± .005</td> </tr> <tr> <td>3 PLACES</td> <td>± .13</td> <td>± .005</td> </tr> <tr> <td>2 PLACES</td> <td>± 0.13</td> <td>± .005</td> </tr> <tr> <td>1 PLACE</td> <td>± 0.25</td> <td>± .010</td> </tr> </tbody> </table> ANGULAR ±1/2°		mm	INCH	4 PLACES	± .13	± .005	3 PLACES	± .13	± .005	2 PLACES	± 0.13	± .005	1 PLACE	± 0.25	± .010	DIMENSION STYLE MM/IN DRAWN BY: HAVERY DATE: 00/04/06 CHECKED BY: KSWEENEY DATE: 00/04/06 APPROVED BY: MBANAKIS DATE: 00/04/06	SCALE 6:1	DESIGN UNITS METRIC	THIRD ANGLE PROJECTION
		mm	INCH																		
	4 PLACES	± .13	± .005																		
	3 PLACES	± .13	± .005																		
2 PLACES	± 0.13	± .005																			
1 PLACE	± 0.25	± .010																			
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS	MATERIAL NO. SEE TABLE	TITLE SALES ASSEMBLY Z AXIS PLUGGABLE PCB CONNECTOR	MOLEX INCORPORATED	DOCUMENT NO. SD-74441-001	SHEET NO. 6 OF 7																
	SIZE C	THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION																			



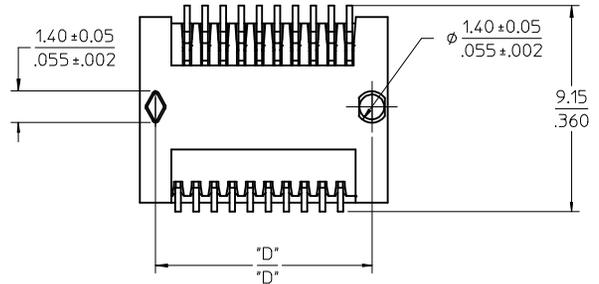
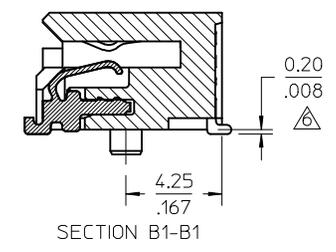
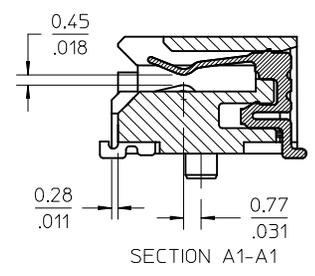
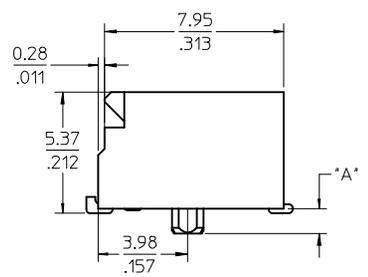
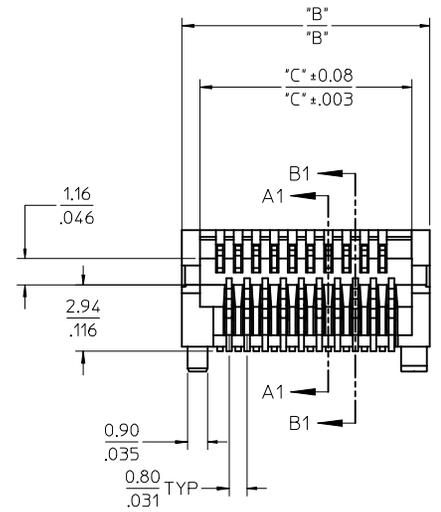
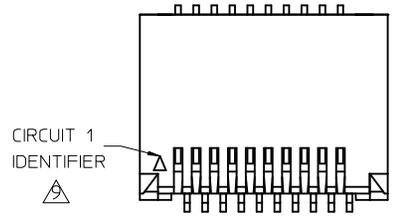
70 CIRCUIT MOTHER BOARD
RECOMMENDED PCB LAYOUT

SEE SHEET 1 EC NO: UCP2009-1455 DRAWN BY: DRWN:MS.BARRA 2009/01/15 CHECKED BY: CHKD:BSMART 2009/01/15 APPR:SMILLER 2009/01/16	DESCRIPTION REVISIONS REV 1	QUALITY SYMBOLS	GENERAL TOLERANCES (UNLESS SPECIFIED)	DIMENSION STYLE	SCALE	DESIGN UNITS	THIRD ANGLE PROJECTION
		▼=0 ▽=0	mm INCH 4 PLACES ± --- ± --- 3 PLACES ± --- ± --- 2 PLACES ± 0.13 ± .005 1 PLACE ± 0.25 ± .010 ANGULAR ±1/2°	MM/IN DRAWN BY: HAVERY DATE: 00/04/06 CHECKED BY: KSWEENEY DATE: 00/04/06 APPROVED BY: MBANAKIS DATE: 00/04/06	6:1	METRIC	M THIRD ANGLE PROJECTION
		DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS	SEE TABLE	MATERIAL NO. MOLEX INCORPORATED	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					

CKT SIZE	PART NUMBER	DESCRIPTION	"A"	"B"	"C"	"D"
20	74441-9001	PLATED PER NOTE 2	1.10/.043	11.00/.433	9.40/.378	9.60/.378
20	74441-9010	PLATED PER NOTE 3	1.10/.043	11.00/.433	9.40/.378	9.60/.378
30	74441-9007	PLATED PER NOTE 2	1.10/.043	15.00/.591	13.40/.528	13.60/.535
40	74441-9005	PLATED PER NOTE 2	1.10/.043	19.00/.748	17.40/.685	17.60/.693
70	74441-9003	PLATED PER NOTE 2	1.10/.043	31.00/1.220	29.40/1.1517	29.60/1.165

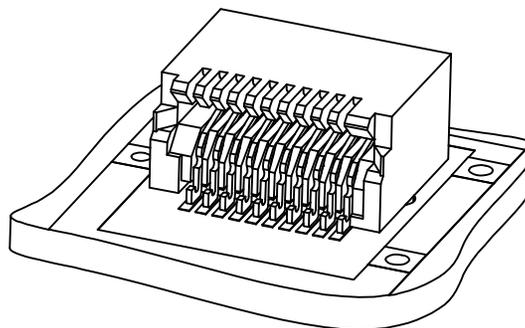
NOTES

- MATERIAL:
HOUSING - HIGH TEMPERATURE THERMOPLASTIC GLASS FILLED, UL 94V-0, BLACK
TERMINALS - COPPER ALLOY
 - PLATING:
CONTACT AREA - 0.38 μm MIN GOLD OVER 2.54 μm MIN NICKEL
SOLDER FOOT AREA - 2.54 - 5.09 μm TIN OVER 2.54 μm MIN NICKEL.
 - PLATING:
CONTACT AREA - 0.76 μm MIN GOLD OVER 2.54 μm NICKEL
SOLDER AREA - 2.54 - 5.09 μm TIN OVER 2.54 μm MIN NICKEL
 - PLATING:
CONTACT AREA - 0.76 μm MIN GOLD OVER 2.54 μm NICKEL, LUBRICATED
SOLDER AREA: GOLD FLASH OVER 2.54 μm MIN NICKEL.
 - PLATING:
CONTACT AREA - 0.76 μm MIN GOLD OVER 2.54 μm NICKEL,
SOLDER AREA: GOLD FLASH OVER 2.54 μm 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
7. * CONTACT PLANT FOR MORE INFORMATION
8. DATE CODE: 4 DIGIT (3 DIGIT DATE, 1 DIGIT YEAR)
- ⚠ CIRCUIT 1 IDENTIFIER LOCATED ON ALL PART NUMBERS



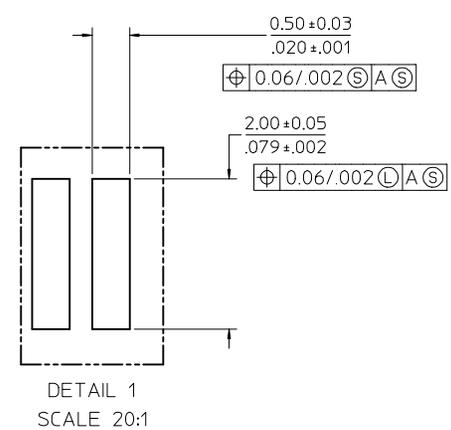
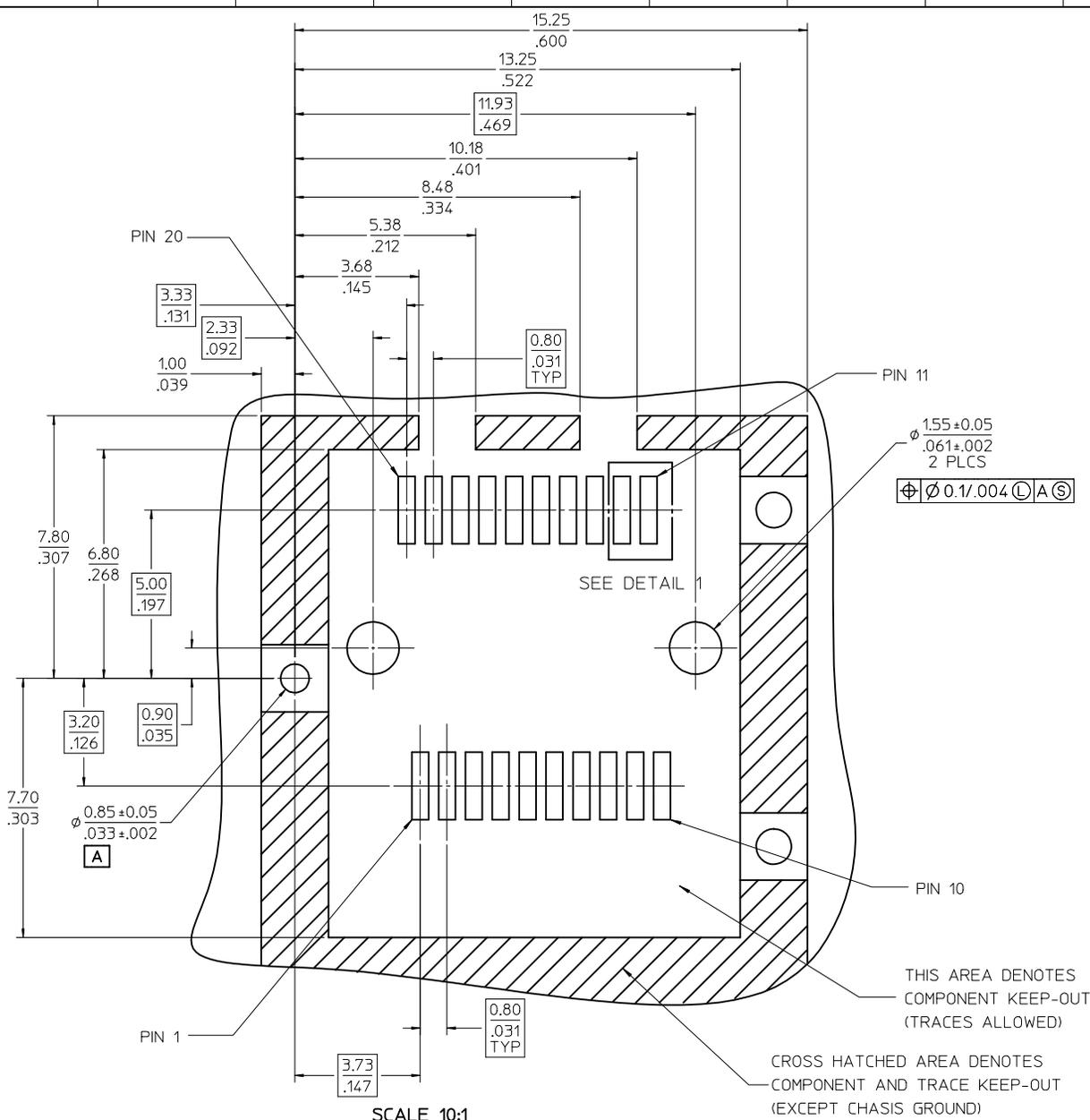
INITIAL RELEASE EC NO: UCP2010-0714 DRW:MS IBARRA 2009/09/16 CHKD:BBARKER 2009/09/24 APPR:SMILLER 2009/09/24	DESCRIPTION	QUALITY SYMBOLS	GENERAL TOLERANCES (UNLESS SPECIFIED)	DIMENSION STYLE	SCALE	DESIGN UNITS	THIRD ANGLE PROJECTION	
		▽=0	mm INCH	MM/IN	6:1	METRIC	☉	
		▽=0	4 PLACES ± --- ± ---	DRAWN BY DATE	TITLE	SALES ASSEMBLY- LEADFREE Z AXIS PLUGGABLE PCB CONNECTOR		
		▽=0	3 PLACES ± --- ± ---	MS IBARRA 2009/09/16	SEE TABLE			
REV	DESCRIPTION	APPROVED BY DATE	ANGULAR ± 1/2°	MATERIAL NO.	DOCUMENT NO.	SHEET NO.		
A		SMILLER 2009/09/16	DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS	SEE TABLE	SD-74441-004	1 OF 6		
THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION								

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



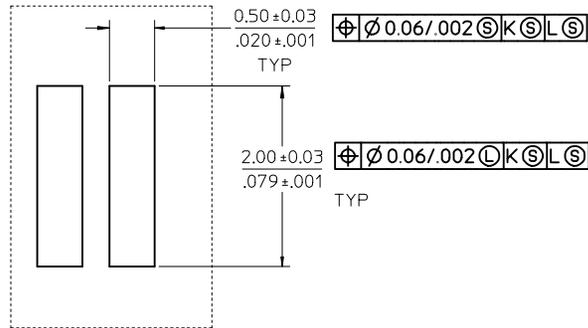
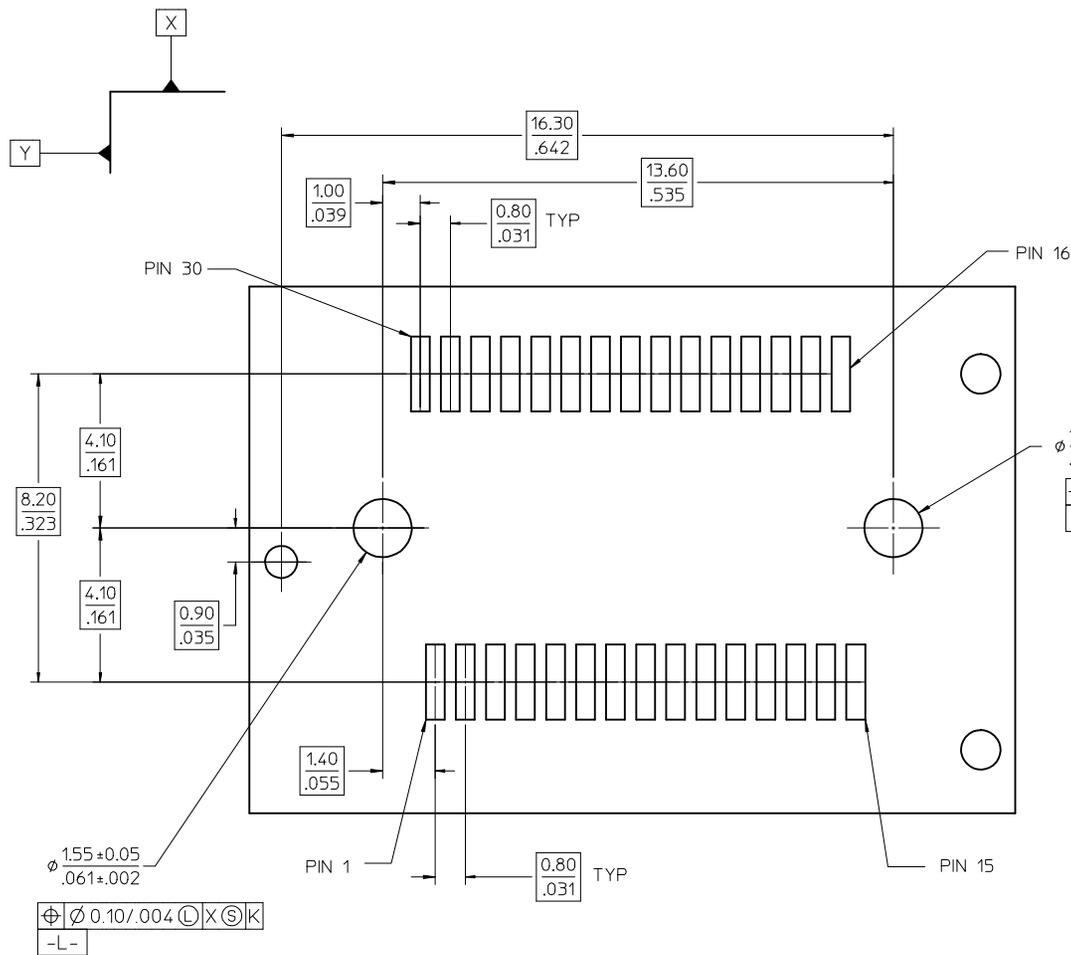
CIRCUIT SIZE	MSA	CONNECTOR DRAWING	CIRCUIT BOARD DRAWING
20	SFP	PAGE 2	PAGE 3
30	XFP	PAGE 2	PAGE 4
40		PAGE 2	PAGE 5
70	XENPAK XPAK X2	PAGE 2	PAGE 6

INITIAL RELEASE EC NO: UCP2010-0714 DRW:MSIBARRA 2009/09/16 CHKD:BBARKER 2009/09/24 APPR:SMILLER 2009/09/24	DESCRIPTION REV: A	QUALITY SYMBOLS	GENERAL TOLERANCES (UNLESS SPECIFIED)	DIMENSION STYLE	SCALE	DESIGN UNITS	THIRD ANGLE PROJECTION	
			mm INCH	MM/IN	1:1	METRIC		
		▽=0	4 PLACES ± --- ± ---	DRAWN BY DATE	TITLE	MOLEX INCORPORATED SD-74441-004 SHEET NO. 2 OF 6		
		▽=0	3 PLACES ± --- ± ---	CHECKED BY DATE	SALES ASSEMBLY- LEADFREE Z AXIS PLUGGABLE PCB CONNECTOR			
▽=0	2 PLACES ± --- ± ---	APPROVED BY DATE						
		ANGULAR ±1/2°	1 PLACE ± --- ± ---	SMILLER 2009/09/16				
			DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS	SEE TABLE				
				SIZE C	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

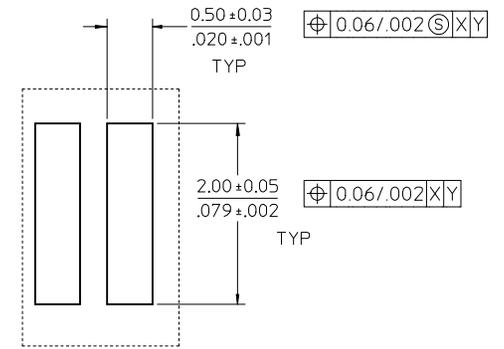
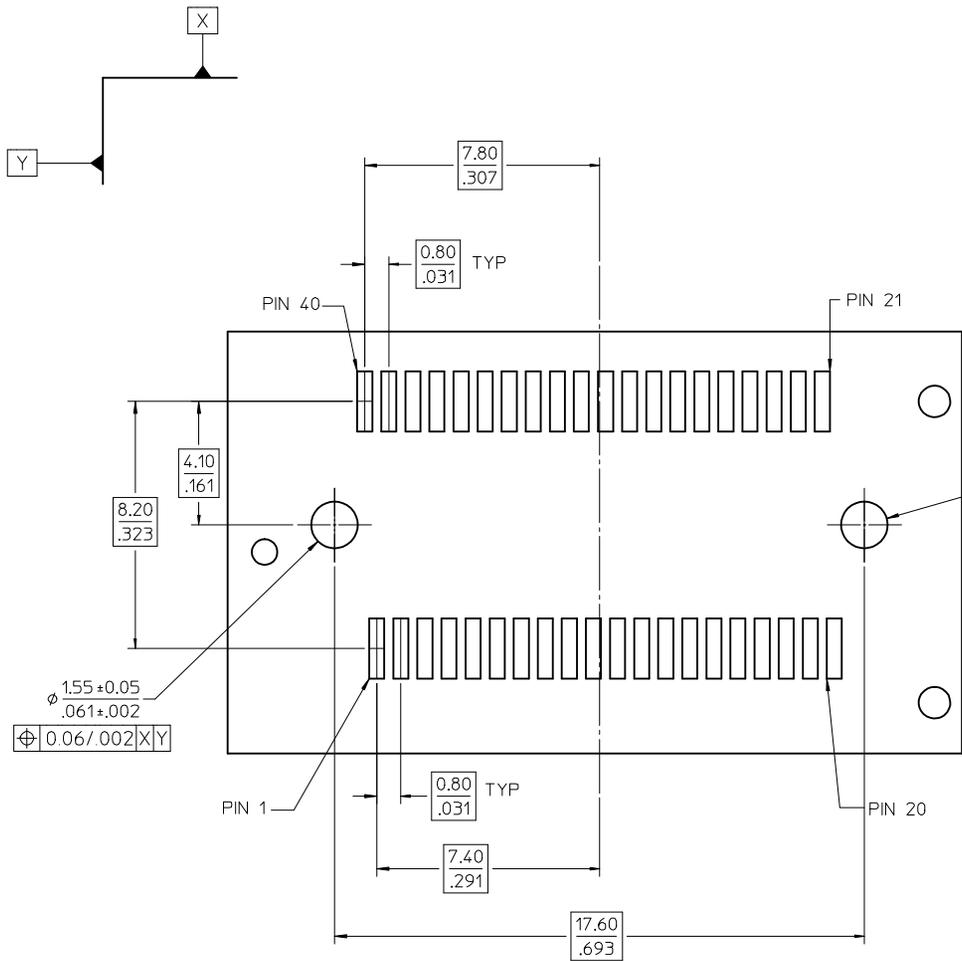
INITIAL RELEASE EC NO: UCP2010-0714 DRW:MSIBARRA 2009/09/16 CHKD:BBARKER 2009/09/16 APPR:SMILLER 2009/09/16	QUALITY SYMBOLS ▽=0 ▽=0 ▽=0	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE MM/IN	SCALE 8:1	DESIGN UNITS METRIC	THIRD ANGLE PROJECTION		
		4 PLACES ± --- ± ---	DRAWN BY MSIBARRA	DATE 2009/09/16	TITLE SALES ASSEMBLY- LEADFREE Z AXIS PLUGGABLE PCB CONNECTOR				
		3 PLACES ± --- ± ---	CHECKED BY BBARKER	DATE 2009/09/16	MOLEX INCORPORATED				
		2 PLACES ± --- ± ---	APPROVED BY SMILLER	DATE 2009/09/16	MATERIAL NO. SEE TABLE	DOCUMENT NO. SD-74441-004	SHEET NO. 3 OF 6		
1 PLACE ± --- ± ---	ANGLAR ±1/2°	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				



DETAIL B
SCALE 24:1

30 CIRCUIT MOTHER BOARD
RECOMMENDED PCB LAYOUT

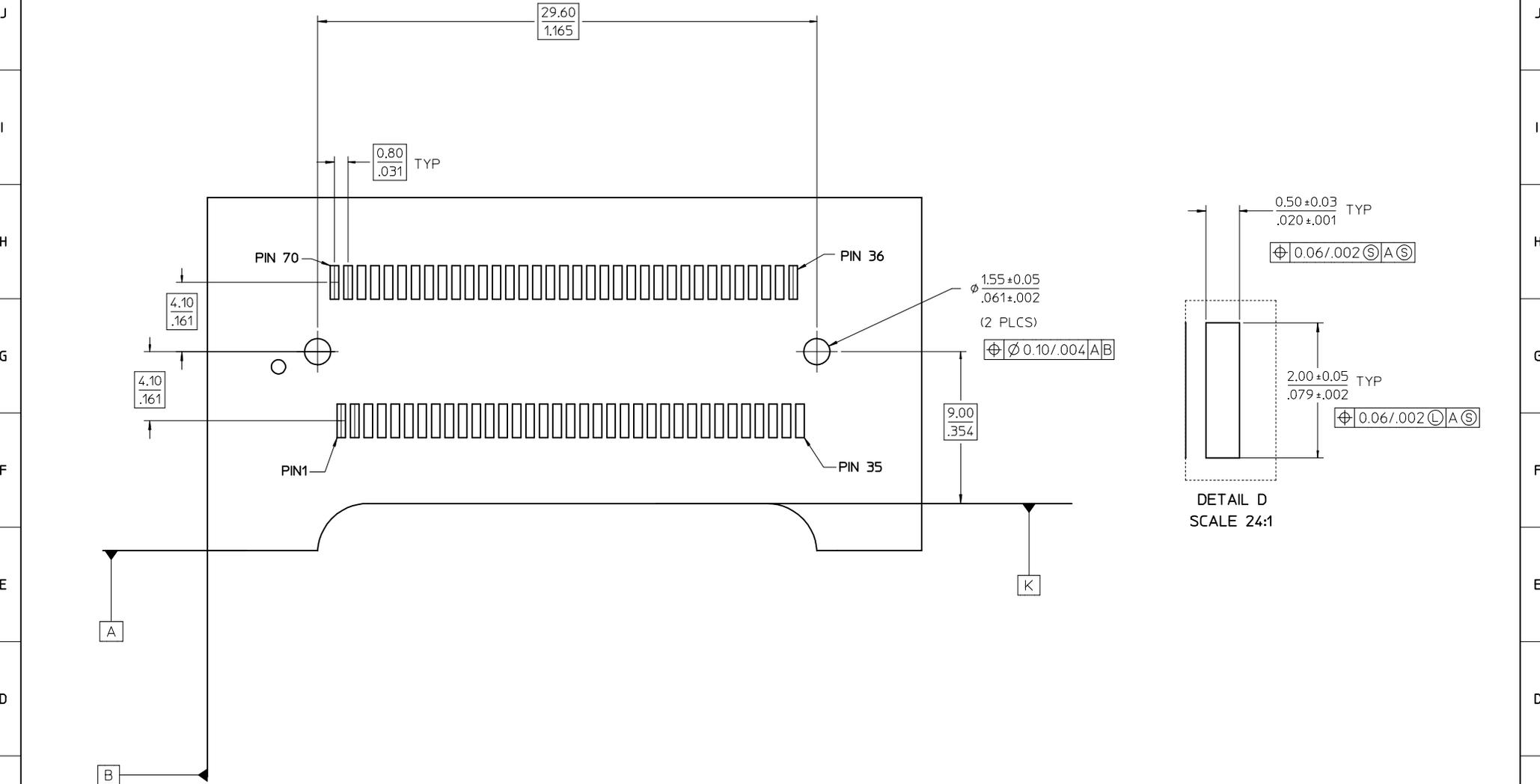
INITIAL RELEASE EC NO: UCP2010-0714 DRW:MS IBARRA 2009/09/16 CHKD:BBARKER 2009/09/24 APPR:SMILLER 2009/09/24	QUALITY SYMBOLS ▽=0 ▽=0 ▽=0	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE MM/IN	SCALE 6:1	DESIGN UNITS METRIC	THIRD ANGLE PROJECTION		
		4 PLACES ± --- ± ---	3 PLACES ± --- ± ---	2 PLACES ± --- ± ---	1 PLACE ± --- ± ---	DRAWN BY MS IBARRA	DATE 2009/09/16	TITLE SALES ASSEMBLY- LEADFREE Z AXIS PLUGGABLE PCB CONNECTOR	
		ANGULAR ±1/2°				CHECKED BY BBARKER	DATE 2009/09/16	APPROVED BY SMILLER	DATE 2009/09/16
		DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		SEE TABLE	MATERIAL NO.	DOCUMENT NO.	SHEET NO.	MOLEX INCORPORATED	SD-74441-004
REV A	DESCRIPTION	THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION		SIZE C	4 OF 6				



DETAIL C
SCALE 24:1

40 CIRCUIT MOTHER BOARD
RECOMMENDED PCB LAYOUT

INITIAL RELEASE EC NO: UCP2010-0714 DRWN:MSIBARRA 2009/09/16 CHKD:BBARKER 2009/09/24 APPR:SMILLER 2009/09/24	QUALITY SYMBOLS ▽=0 ▽=0 ▽=0	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE MM/IN	SCALE 6:1	DESIGN UNITS METRIC	THIRD ANGLE PROJECTION															
		<table border="1"> <tr><th></th><th>mm</th><th>INCH</th></tr> <tr><td>4 PLACES</td><td>± ---</td><td>± ---</td></tr> <tr><td>3 PLACES</td><td>± ---</td><td>± ---</td></tr> <tr><td>2 PLACES</td><td>± ---</td><td>± ---</td></tr> <tr><td>1 PLACE</td><td>± ---</td><td>± ---</td></tr> </table>		mm	INCH	4 PLACES	± ---	± ---	3 PLACES	± ---	± ---	2 PLACES	± ---	± ---	1 PLACE	± ---	± ---	DRAWN BY MSIBARRA	DATE 2009/09/16	TITLE SALES ASSEMBLY- LEADFREE Z AXIS PLUGGABLE PCB CONNECTOR		
			mm	INCH																		
		4 PLACES	± ---	± ---																		
3 PLACES	± ---	± ---																				
2 PLACES	± ---	± ---																				
1 PLACE	± ---	± ---																				
ANGULAR ±1/2°	CHECKED BY BBARKER	DATE 2009/09/16	APPROVED BY SMILLER			DATE 2009/09/16	MOLEX INCORPORATED															
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS	MATERIAL NO. SEE TABLE	DOCUMENT NO. SD-74441-004	SHEET NO. 5 OF 6	THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION																		



70 CIRCUIT MOTHER BOARD
RECOMMENDED PCB LAYOUT

INITIAL RELEASE EC NO: UCP2010-0714 DRW:MSI BARRA 2009/09/16 CHKD:BBARKER 2009/09/24 APPR:SMILLER 2009/09/24	DESCRIPTION A	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	DATE	TITLE SALES ASSEMBLY- LEADFREE Z AXIS PLUGGABLE PCB CONNECTOR				
			4 PLACES ± ---	± ---	MSI BARRA	2009/09/16					
			3 PLACES ± ---	± ---	CHECKED BY	DATE	MOLEX MOLEX INCORPORATED DOCUMENT NO. SD-74441-004 SHEET NO. 6 OF 6				
2 PLACES ± ---	± ---	BBARKER	2009/09/16								
1 PLACE ± ---	± ---	APPROVED BY	DATE	THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION							
ANGULAR ±1/2°		SMILLER	2009/09/16								
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS			SEE TABLE		MATERIAL NO.						

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В нашем ассортименте представлены ведущие мировые производители активных и пассивных электронных компонентов.

Нашей специализацией является поставка электронной компонентной базы двойного назначения, продукции таких производителей как XILINX, Intel (ex.ALTERA), Vicor, Microchip, Texas Instruments, Analog Devices, Mini-Circuits, Amphenol, Glenair.

Сотрудничество с глобальными дистрибьюторами электронных компонентов, предоставляет возможность заказывать и получать с международных складов практически любой перечень компонентов в оптимальные для Вас сроки.

На всех этапах разработки и производства наши партнеры могут получить квалифицированную поддержку опытных инженеров.

Система менеджмента качества компании отвечает требованиям в соответствии с ГОСТ Р ИСО 9001, ГОСТ РВ 0015-002 и ЭС РД 009

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