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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



Series

image - Reference only

EU RoHS

**ELV and RoHS
Compliant**

REACH SVHC

Not Reviewed

Halogen-Free

Status

Halogen-Free

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	74441-0041	YES	PLATED PER NOTE 6	1.10/.043						
	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						
40	74441-0027	YES	PLATED PER NOTE 4	1.10/.043						
	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						
50	74441-0025	YES	PLATED PER NOTE 4	1.10/.043						
	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						
70	74441-0038	YES	PLATED PER NOTE 5	1.10/.043						
	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

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. PLATING:

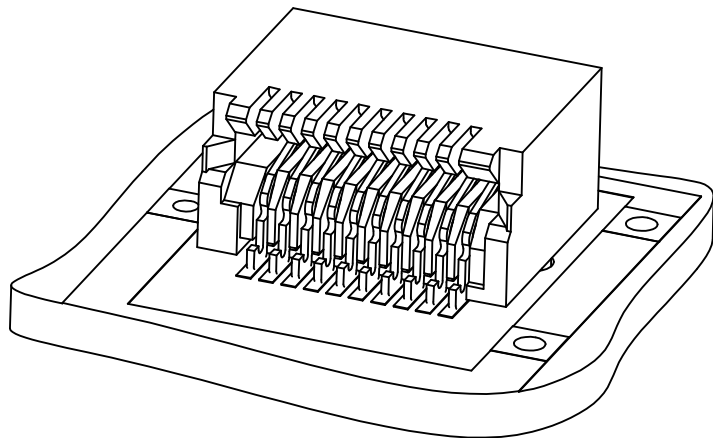
CONTACT AREA - 0.38 μ m MIN GOLD OVER 2.54 μ m NICKEL,
SOLDER AREA: GOLD FLASH OVER 2.54 μ m MIN NICKEL.

7. 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

8. * CONTACT PLANT FOR MORE INFORMATION

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

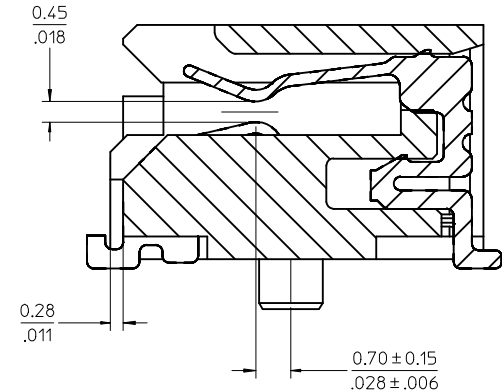
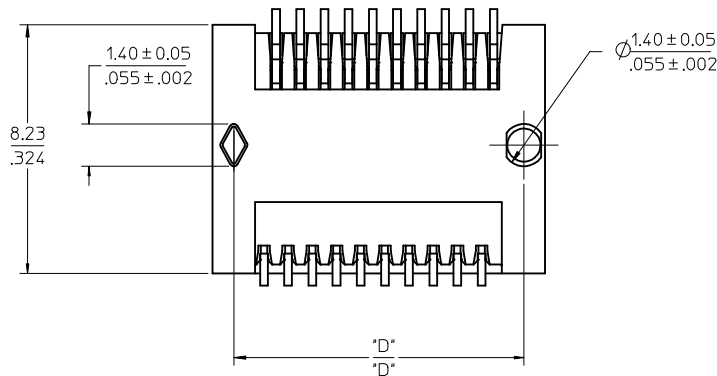
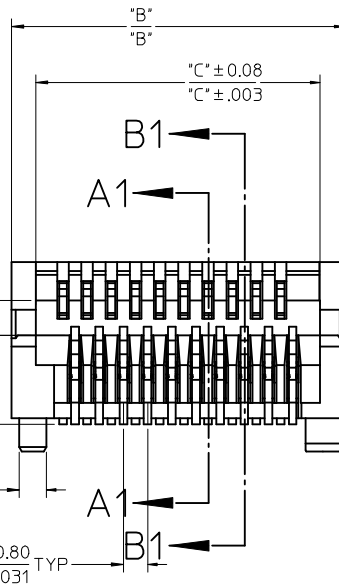
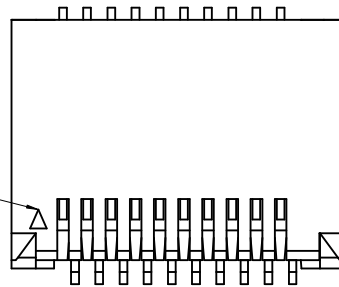
10. CIRCUIT 1 IDENTIFIER LOCATED ON ALL PART NUMBERS



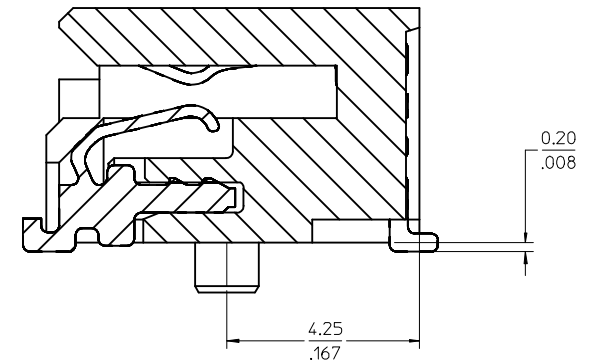
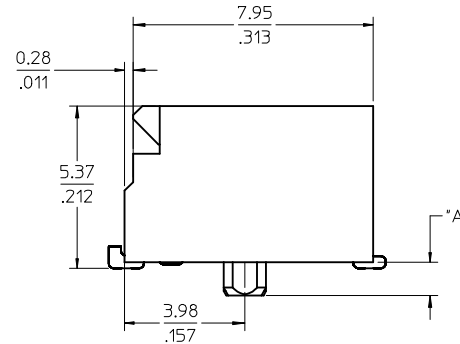
ADD -0041 EC NO: UCP2009-1455 DRAWN BY: DRWN:MS BARRA CHKD:BSMART APPR:SMILLER REV T	QUALITY SYMBOLS ▽=0 ▽=0	GENERAL TOLERANCES (UNLESS SPECIFIED)	DIMENSION STYLE MM/IN		SCALE 1:1	DESIGN UNITS METRIC	THIRD ANGLE PROJECTION			
			mm	INCH	DRAWN BY HAVERY	DATE 00/04/06				
			4 PLACES ± ---	± ---	CHECKED BY KSWEENEY	DATE 00/04/06				
			3 PLACES ± ---	± ---	APPROVED BY MBANAKIS	DATE 00/04/06				
ANGULAR ±1/2°			MATERIAL NO.		DOCUMENT NO.		SALES ASSEMBLY Z AXIS PLUGGABLE PCB CONNECTOR MOLEX INCORPORATED SD-74441-001 1 OF 7			
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS			SEE TABLE		THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION					

13 12 11 10 9 8 7 6 5 4 3 2 1

CIRCUIT 1
IDENTIFIER

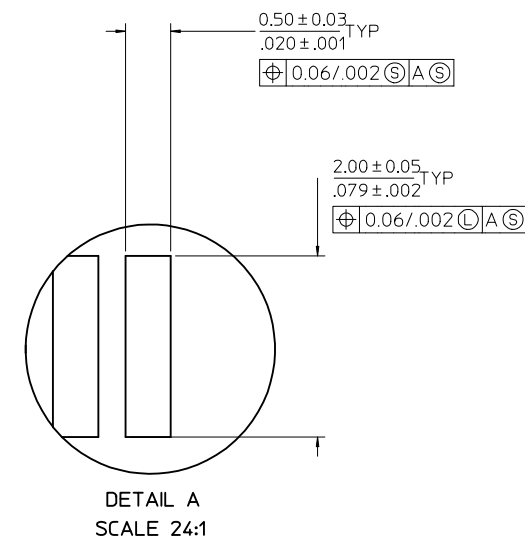
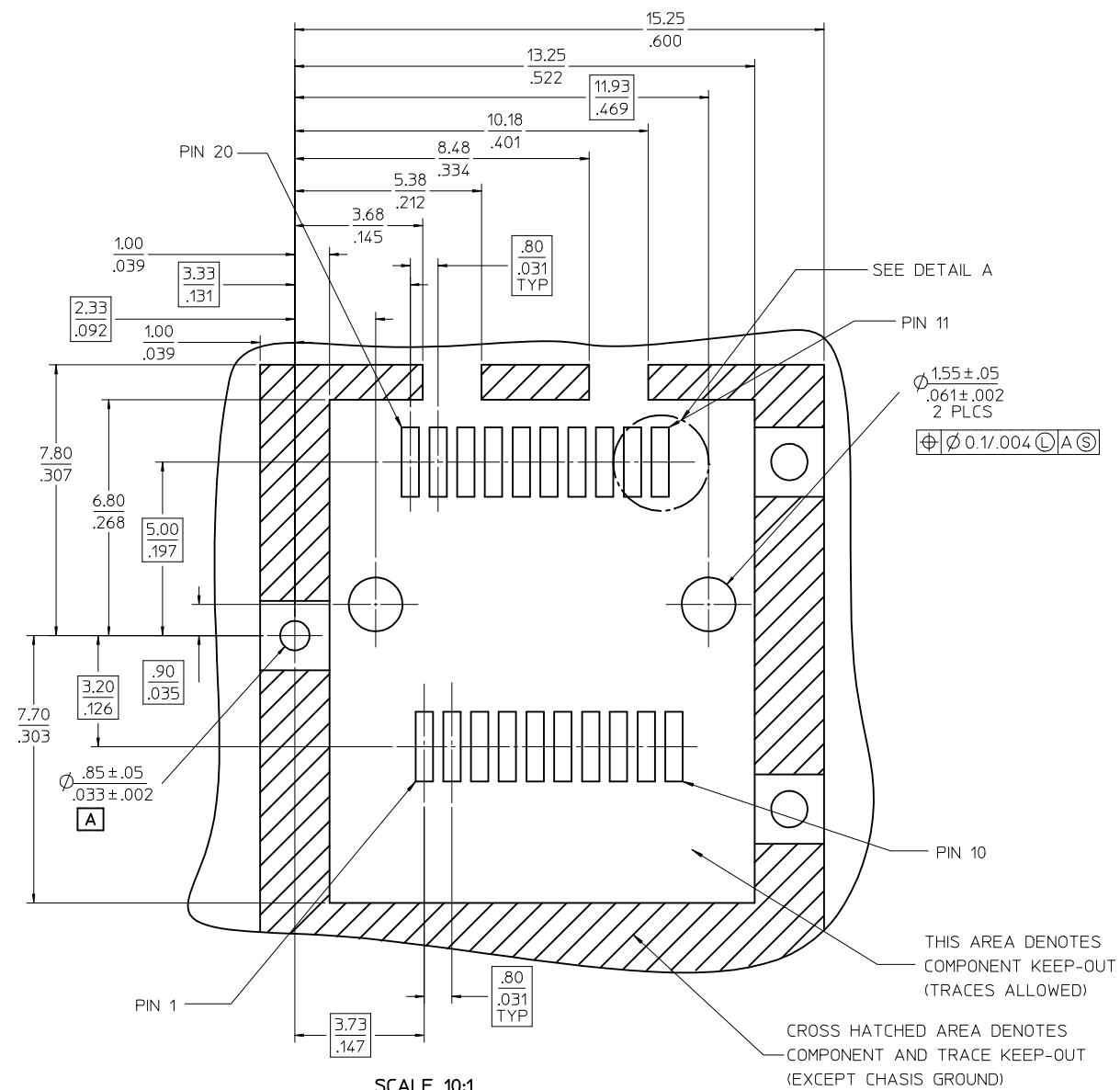


SECTION A1-A1
SCALE 12:1



SECTION B1-B1
SCALE 12:1

SEE SHEET 1 EC NO: UCP2009-1455 DRAWN BY: DRWN:MS BARRA CHKD:BSMART APPR:SMILLER REV: T	DESCRIPTION 2009/01/15 2009/01/15 2009/01/16	QUALITY SYMBOLS ▽=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 KSWEENEY	DATE 00/04/06						
			3 PLACES	± ---	± ---	APPROVED BY MBANAKIS	DATE 00/04/06						
			2 PLACES		± 0.13	± .005	MATERIAL NO.		DOCUMENT NO.				
			1 PLACE		± 0.25	± .010	SIZE C		THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION				
			ANGULAR ±1/2°				SEE TABLE		SD-74441-001				
			DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS						SHEET NO. 2 OF 7				



20 CIRCUIT MOTHER BOARD RECOMMENDED PCB LAYOUT

SEE SHEET 1
EC NO: UCP2009-1455
DRAWN BY: IBARRA
CHKD BY: SMART
APPR: MILLER
REV: 2009/01/15
2009/01/15
2009/01/16

QUALITY SYMBOLS
▽=0
▽=0

GENERAL TOLERANCES (UNLESS SPECIFIED)

	mm	INCH
4 PLACES	± ---	± ---
3 PLACES	± ---	± ---
2 PLACES	± 0.13	± .005
1 PLACE	± 0.25	± .010
ANGULAR ± 1/2°		

DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS

DIMENSION STYLE
MM/IN

DRAWN BY: HAVERY
CHECKED BY: KSWEENEY
APPROVED BY: MBANAKIS

DATE: 00/04/06
DATE: 00/04/06
DATE: 00/04/06

MATERIAL NO.
SIZE: C

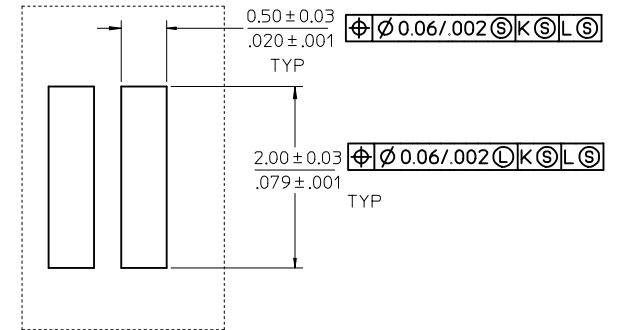
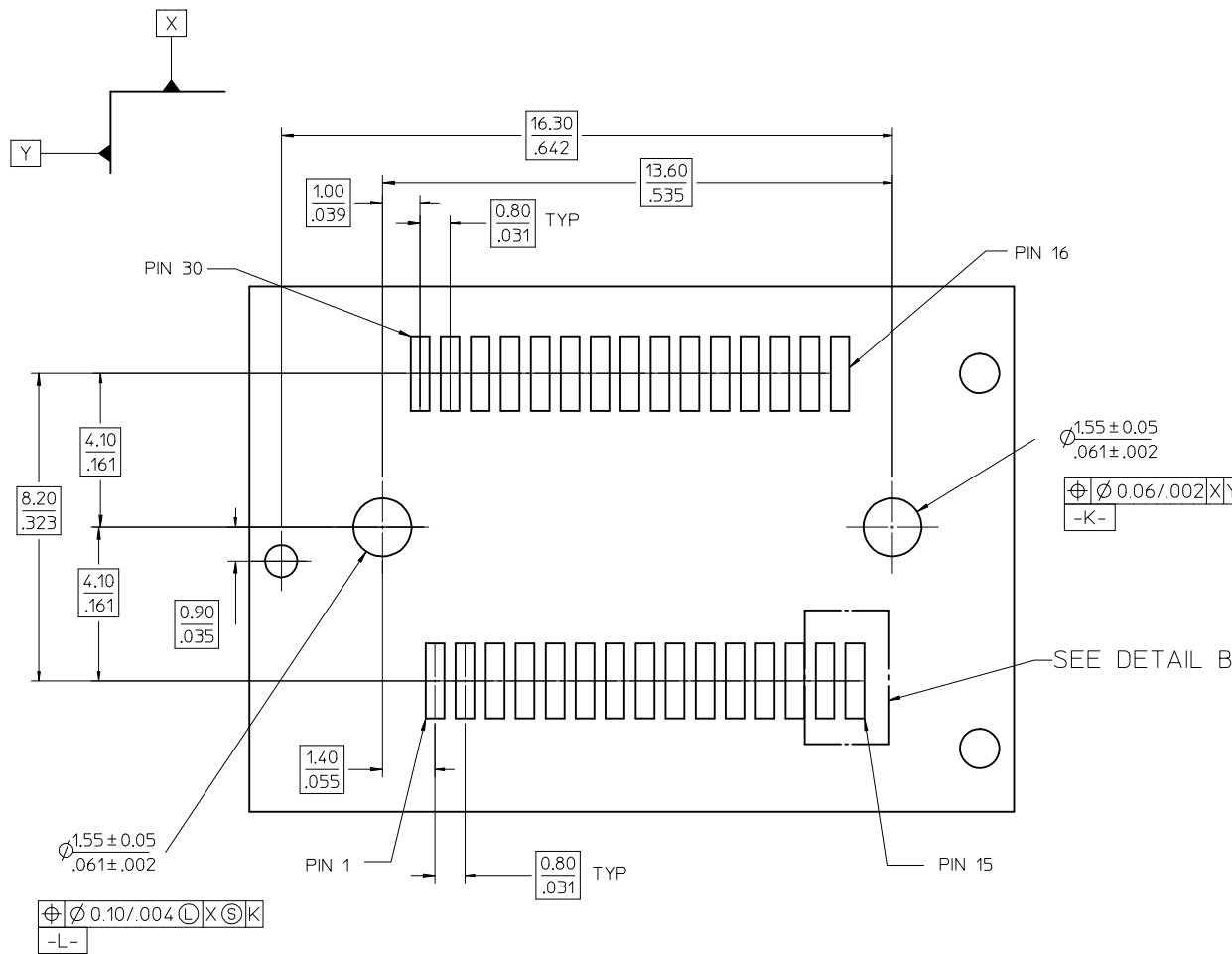
SCALE: 8:1
DESIGN UNITS: METRIC
THIRD ANGLE PROJECTION

TITLE: SALES ASSEMBLY
Z AXIS PLUGGABLE
PCB CONNECTOR

MOLEX INCORPORATED

DOCUMENT NO.: SD-74441-001
SHEET NO.: 3 OF 7

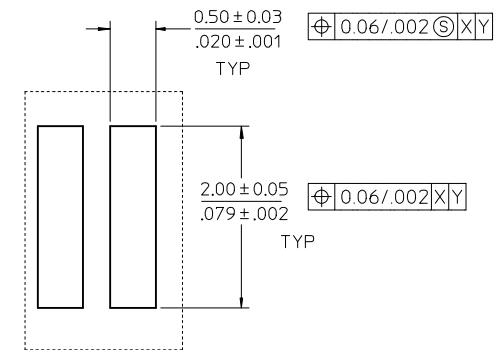
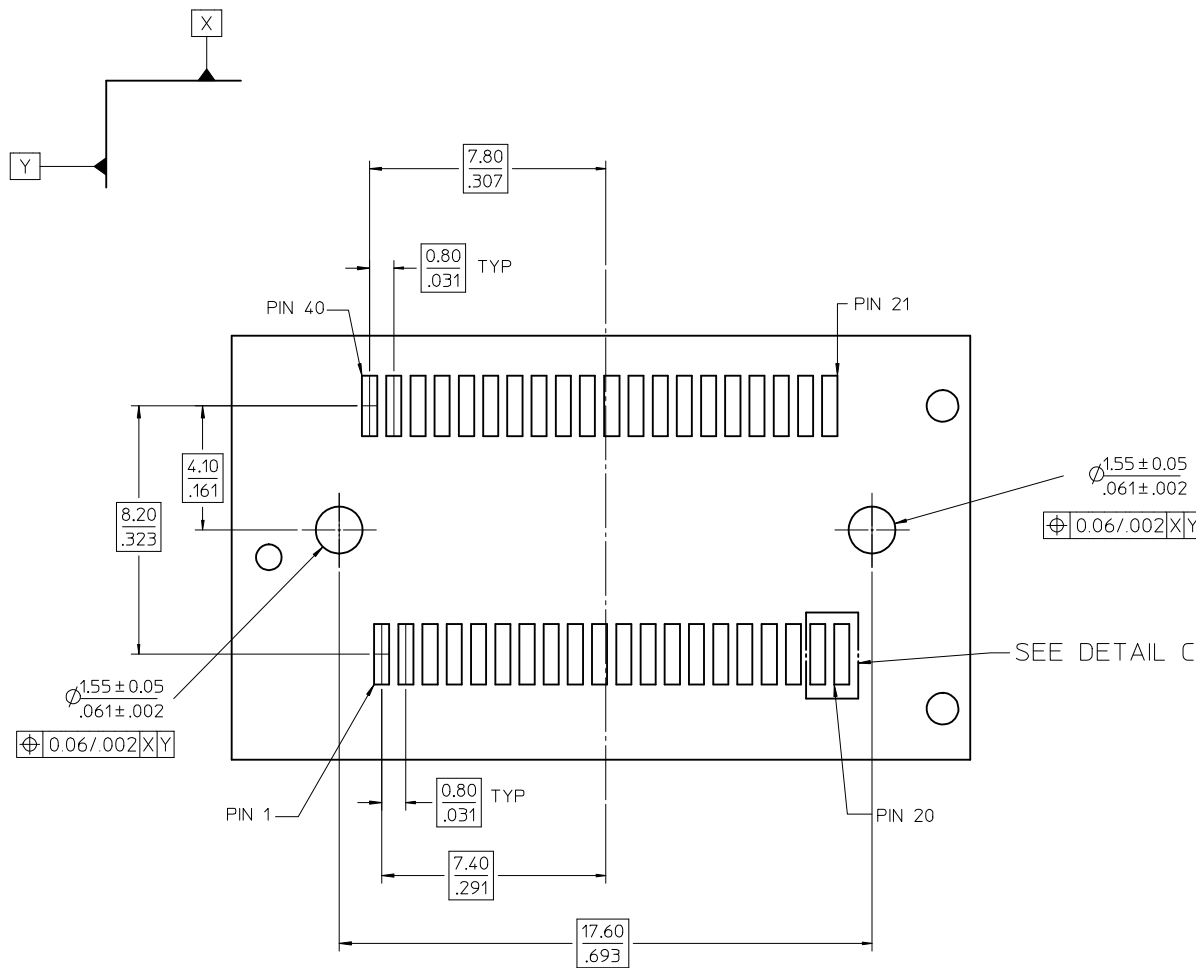
THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION



DETAIL B
SCALE 24:1

30 CIRCUIT MOTHER BOARD RECOMMENDED PCB LAYOUT

SEE SHEET 1 EC NO: UCP2009-1455 DRWN:MSIBARRA 2009/01/15 CHKD:BSMART 2009/01/15 APPR:SMILLER 2009/01/16	DESCRIPTION	QUALITY SYMBOLS ▽=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	DATE			
			3 PLACES	± ---	± ---	KSWEENEY	00/04/06			
			2 PLACES	± 0.13	± .005	APPROVED BY	DATE			
			1 PLACE	± 0.25	± .010	MBANAKIS	00/04/06	 MOLEX INCORPORATED		
			ANGULAR ±1/2°			MATERIAL NO.		DOCUMENT NO.		SHEET NO.
			DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS			SEE TABLE		SD-74441-001		4 OF 7
	REV		SIZE C			THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION				



DETAIL C
SCALE 24:1

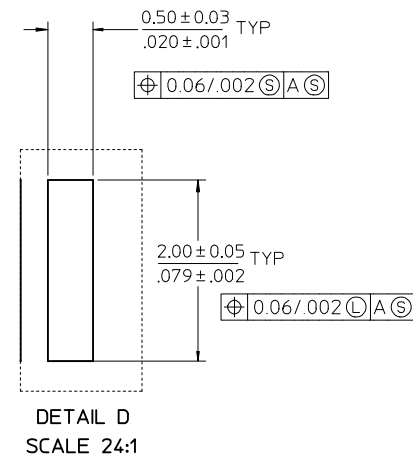
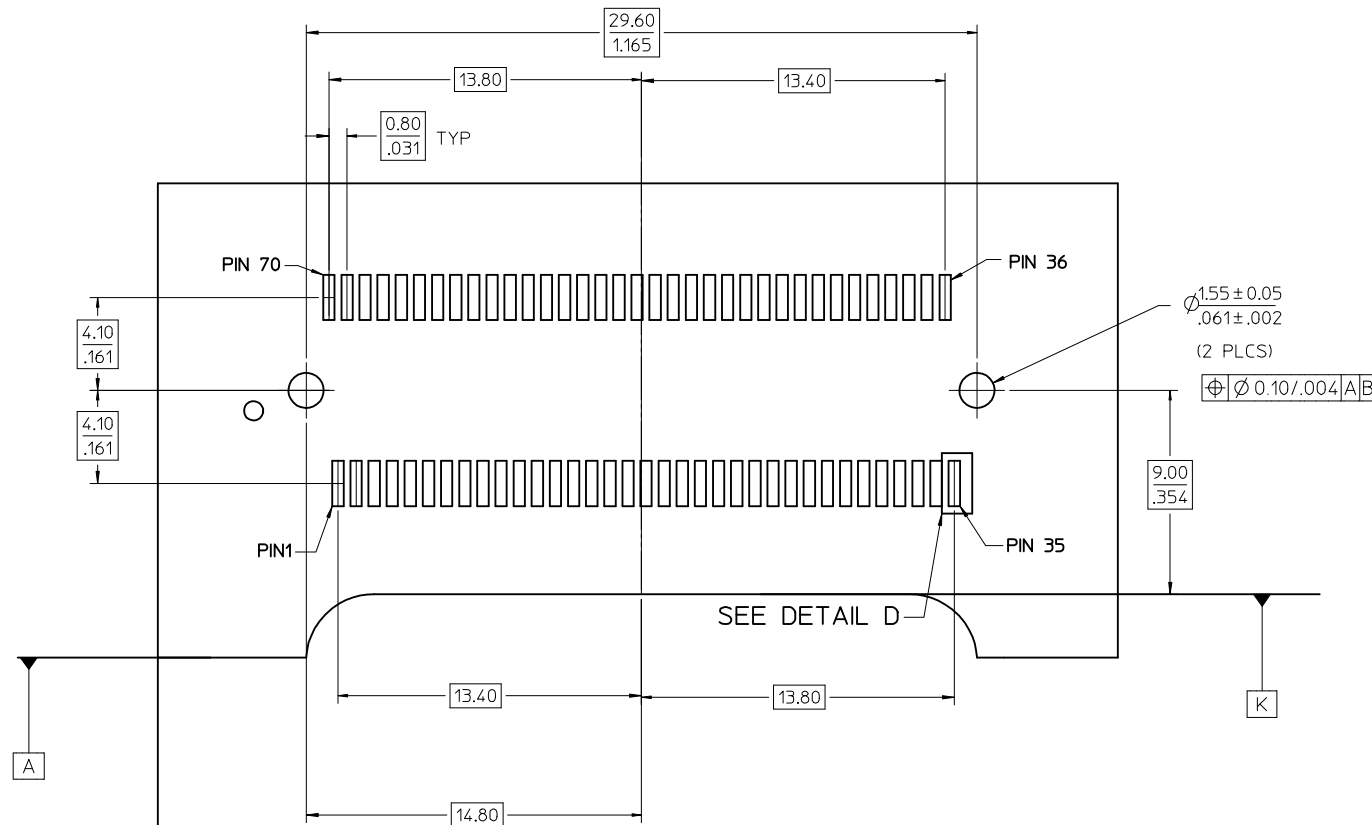
40 CIRCUIT MOTHER BOARD RECOMMENDED PCB LAYOUT

SEE SHEET 1	EC NO: UCP2009-1455 DRWN:MSIBARRA 2009/01/15 CHKD:BSMART 2009/01/15 APPR:SMILLER 2009/01/16	DESCRIPTION REV	QUALITY SYMBOLS ▽=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		
				3 PLACES	± ---	± ---	APPROVED BY MBANAKIS	DATE 00/04/06		
				2 PLACES	± 0.13	± .005				
				1 PLACE	± 0.25	± .010				
				ANGULAR ±1/2°						
				DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		MATERIAL NO. SEE TABLE		DOCUMENT NO. SD-74441-001	SHEET NO. 5 OF 7	
						SIZE C		THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION		



SEE SHEET 1 EC NO: UCP2009-1455 DRWN:MS IBARRA 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	<table border="1"> <thead> <tr> <th></th> <th>mm</th> <th>INCH</th> </tr> </thead> <tbody> <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>± 0.13</td> <td>± .005</td> </tr> <tr> <td>1 PLACE</td> <td>± 0.25</td> <td>± .010</td> </tr> <tr> <td colspan="3">ANGULAR ±1/2°</td> </tr> </tbody> </table>		mm	INCH	4 PLACES	± ---	± ---	3 PLACES	± ---	± ---	2 PLACES	± 0.13	± .005	1 PLACE	± 0.25	± .010	ANGULAR ±1/2°			MM/IN	6:1	METRIC	
		mm	INCH																					
	4 PLACES	± ---	± ---																					
	3 PLACES	± ---	± ---																					
2 PLACES	± 0.13	± .005																						
1 PLACE	± 0.25	± .010																						
ANGULAR ±1/2°																								
			DRAWN BY DATE	TITLE																				
			HAVERY 00/04/06	SALES ASSEMBLY																				
			CHECKED BY DATE	Z AXIS PLUGGABLE																				
			KSWENEY 00/04/06	PCB CONNECTOR																				
			APPROVED BY DATE	MOLEX INCORPORATED																				
			MBANAK IS 00/04/06																					
			MATERIAL NO.	DOCUMENT NO.	SHEET NO.																			
			SEE TABLE	SD-74441-001	6 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																					

70 CIRCUIT MOTHER BOARD RECOMMENDED PCB LAYOUT



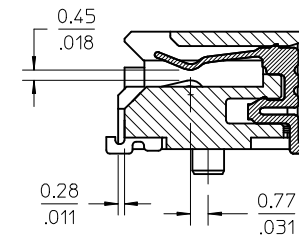
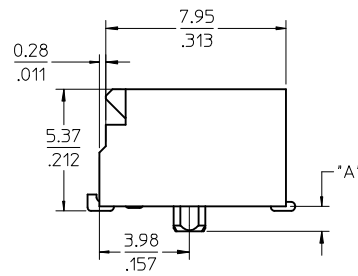
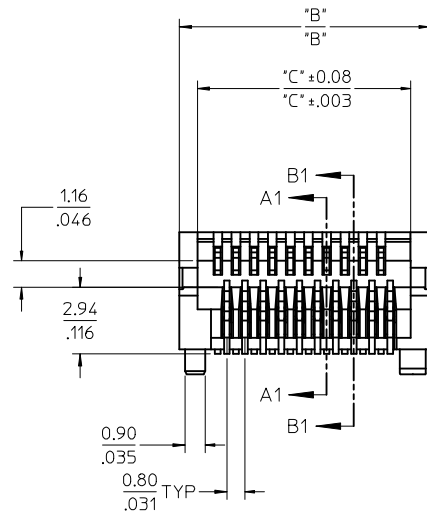
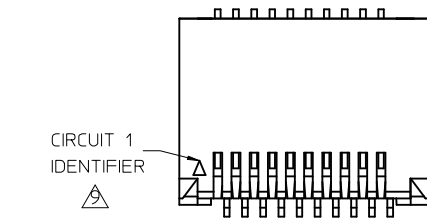
SEE SHEET 1 EC NO: UCP2009-1455 DRAWN BY: DRWNMS/BARRA 2009/01/15 CHKDB/SMART 2009/01/15 APPR: SMILLER 2009/01/16	DESCRIPTION	QUALITY SYMBOLS ▽=0 ▽=0	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE MM/IN		SCALE 6:1	DESIGN UNITS METRIC	THIRD ANGLE PROJECTION				
				mm	INCH	DRAWN BY HAVERY	DATE 00/04/06	TITLE SALES ASSEMBLY Z AXIS PLUGGABLE PCB CONNECTOR					
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			3 PLACES	± ---	± ---	APPROVED BY	DATE	MOLEX MOLEX INCORPORATED					
			2 PLACES	± 0.13	± .005	MBANAKIS	00/04/06						
			1 PLACE	± 0.25	± .010	MATERIAL NO.		DOCUMENT NO.		SHEET NO.			
			ANGULAR ±1/2°		SEE TABLE		SD-74441-001		7 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								
			REV										

13	12	11	10	9	8	7	6	5	4	3	2	1
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	29.40/1.517	29.60/1.165				

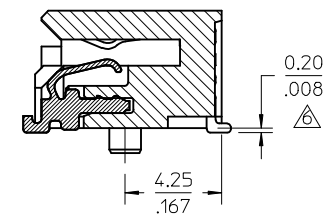
NOTES

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

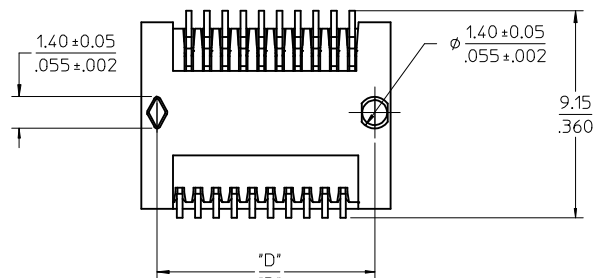
CIRCUIT 1
IDENTIFIER



SECTION A1-A1

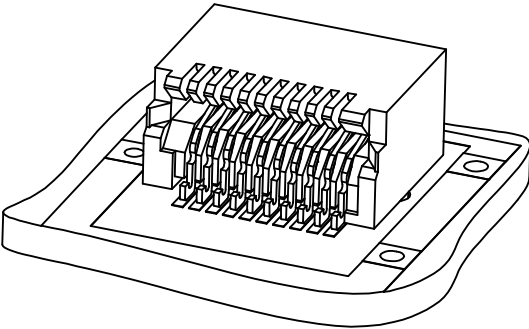


SECTION B1-B1



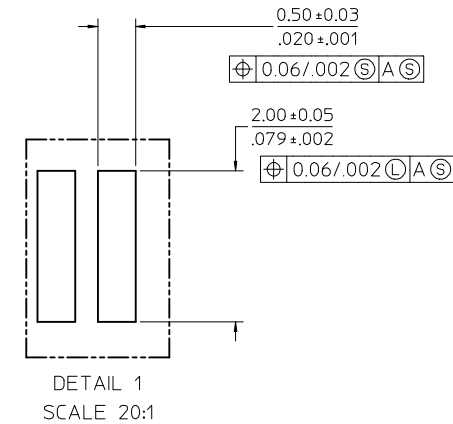
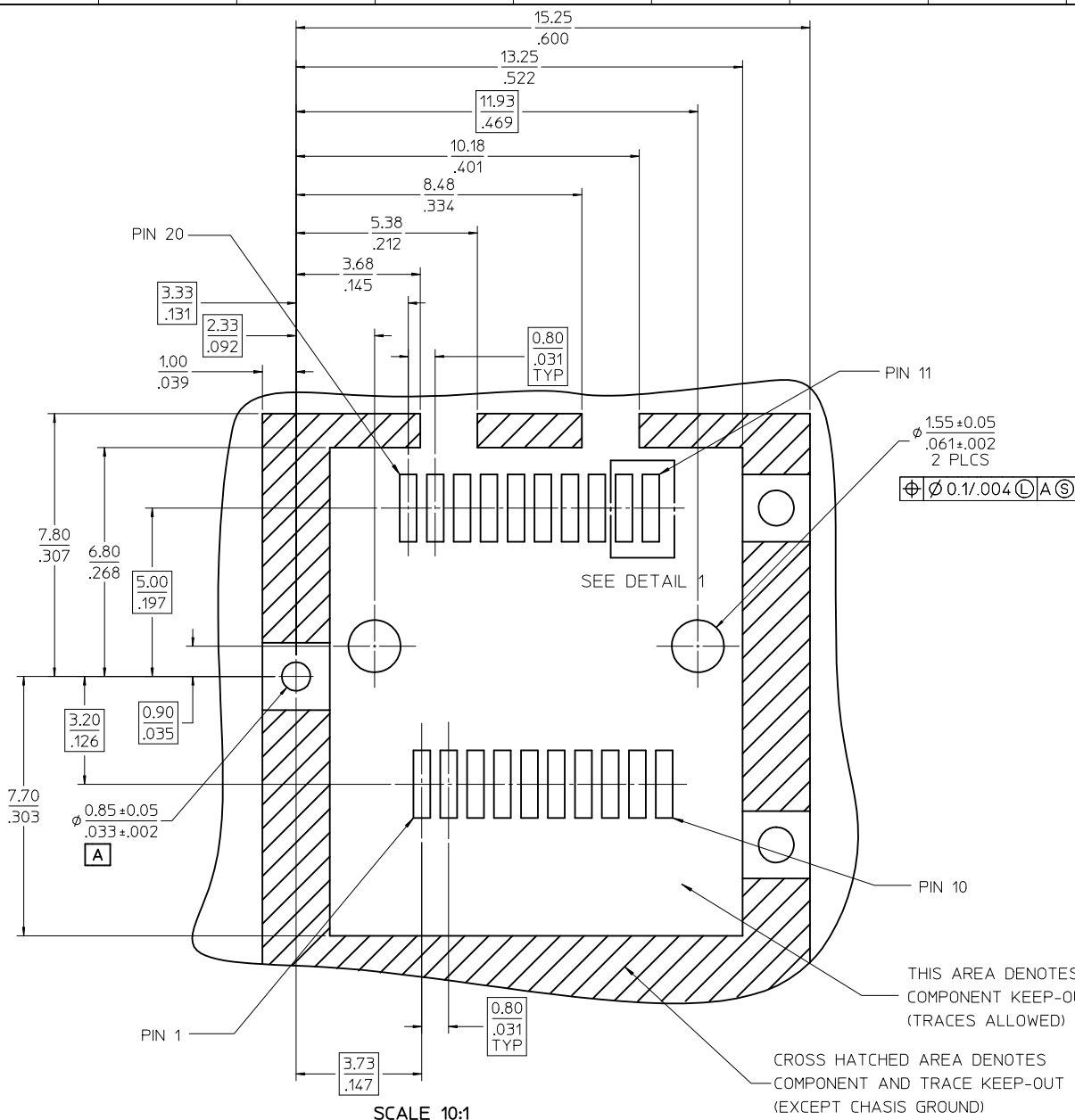
INITIAL RELEASE EC NO: UCP2010-0714 2009/09/16 DRWN:MSIBARRA CHKD:BBARKER 2009/09/24 APPR:SMILLER 2009/09/24 A	REV	DESCRIPTION	QUALITY SYMBOLS	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE		SCALE	DESIGN UNITS	 THIRD ANGLE PROJECTION	TITLE
						MM/IN		6:1	METRIC		
						DRAWN BY DATE		SALES ASSEMBLY- LEADFREE			
						CHECKED BY DATE		Z AXIS PLUGGABLE			
						APPROVED BY DATE		PCB CONNECTOR			
						MATERIAL NO.		DOCUMENT NO.			
						SEE TABLE		SD-74441-004			
						SIZE C		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



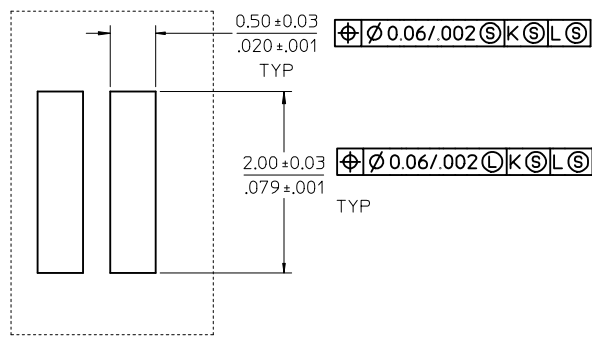
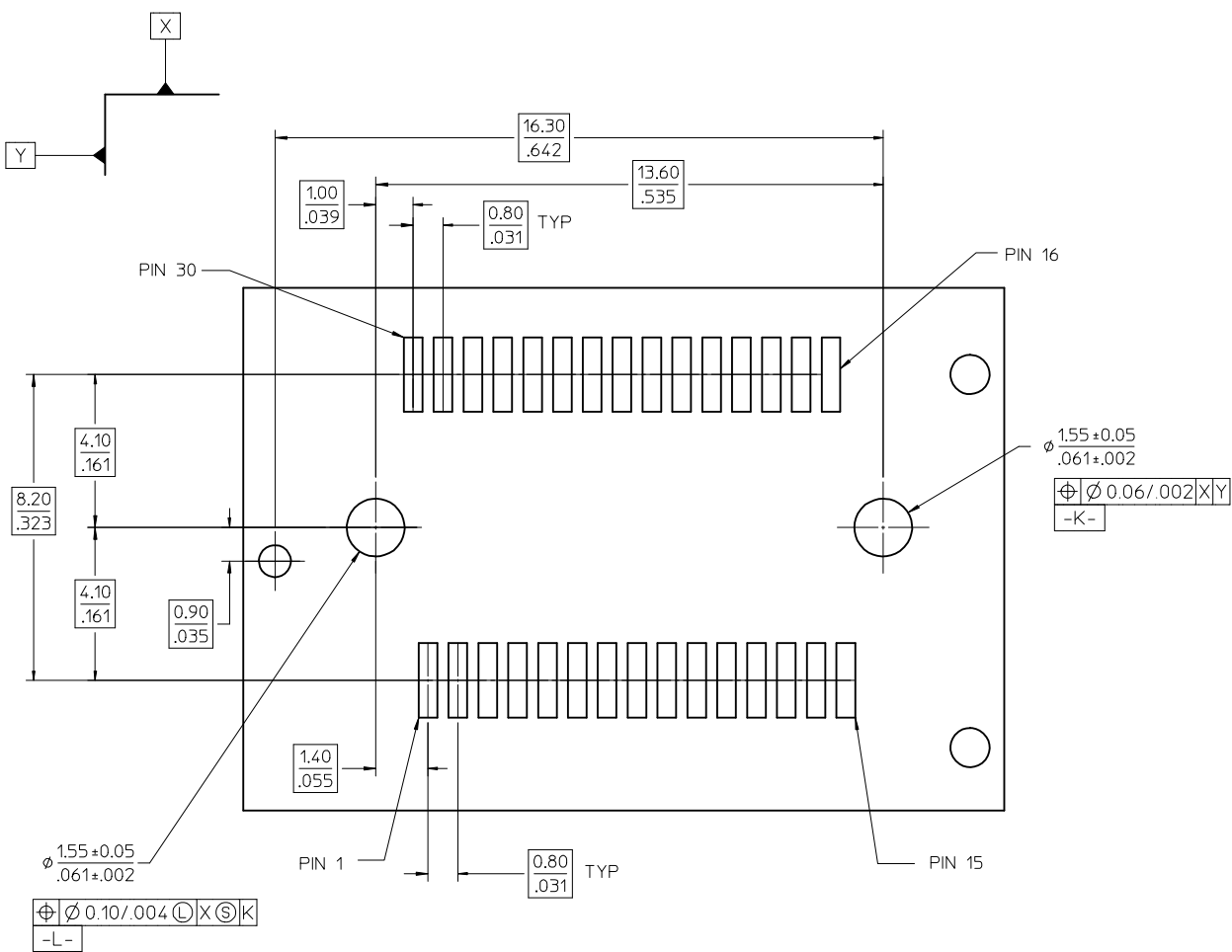
CIRCUIT SIZE	MSA	CONNECTOR DRAWING	CIRCUIT BOARD DRAWING
20	SFP	PAGE 2	PAGE 3
30	XFP	PAGE 2	PAGE 4
40		PAGE 2	PAGE 5
70	XENPAK XPAK X2	PAGE 2	PAGE 6

INITIAL RELEASE EC NO: UCP2010-0714 2009/09/16 DRWN:MSIBARRA 2009/09/16 CHKD:BBARKER 2009/09/16 APPR:SMILLER 2009/09/16 A	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 MSIBARRA DATE 2009/09/16		TITLE SALES ASSEMBLY- LEADFREE Z AXIS PLUGGABLE PCB CONNECTOR MOLEX INCORPORATED				
			4 PLACES ± --- ± ---		CHECKED BY BBARKER DATE 2009/09/16								
			3 PLACES ± --- ± ---		APPROVED BY SMILLER DATE 2009/09/16								
			2 PLACES ± --- ± ---		MATERIAL NO. SEE TABLE		DOCUMENT NO. SD-74441-004					SHEET NO. 2 OF 6	
			1 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										



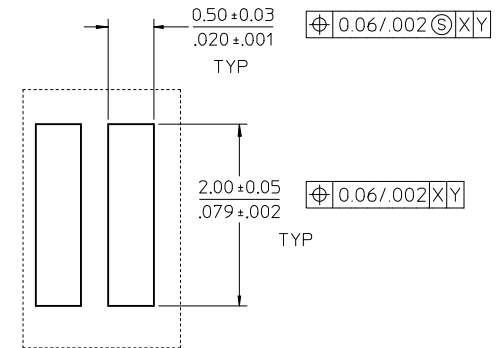
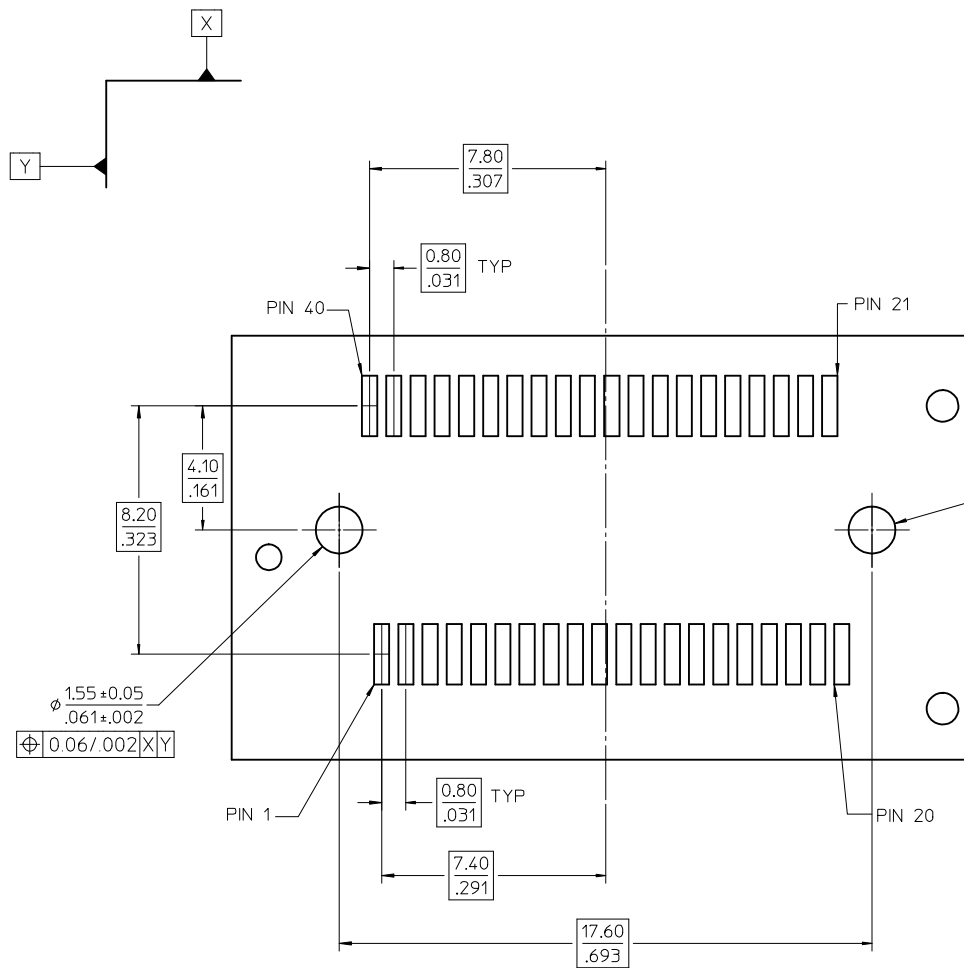
20 CIRCUIT MOTHER BOARD RECOMMENDED PCB LAYOUT

INITIAL RELEASE EC NO: UCP2010-0714 DRAWN: MSIBARRA 2009/09/16 CHKD: BBARKER 2009/09/16 APPR: SMILLER 2009/09/16 A	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 MSIBARRA	DATE 2009/09/16	TITLE SALES ASSEMBLY- LEADFREE Z AXIS PLUGGABLE PCB CONNECTOR			
			4 PLACES	±---	±---	CHECKED BY BBARKER	DATE 2009/09/16				
			3 PLACES	±---	±---	APPROVED BY SMILLER		DATE 2009/09/16		molex MOLEX INCORPORATED	
			2 PLACES	±---	±---						
			1 PLACE	±---	±---	ANGULAR ±1/2°		MATERIAL NO. SEE TABLE		DOCUMENT NO. SD-74441-004	SHEET NO. 3 OF 6
REV			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					



30 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 A	DESCRIPTION REV	QUALITY SYMBOLS ▽=0 ▽=0 ▽=0	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE MM/IN		SCALE 6:1	DESIGN UNITS METRIC	THIRD ANGLE PROJECTION		
					DRAWN BY MSIBARRA	DATE 2009/09/16	TITLE SALES ASSEMBLY- LEADFREE Z AXIS PLUGGABLE PCB CONNECTOR				
					CHECKED BY BBARKER	DATE 2009/09/16					
					APPROVED BY SMILLER	DATE 2009/09/16	MOLEX MOLEX INCORPORATED				
			ANGULAR ±1/2°		MATERIAL NO. SEE TABLE						
			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

INITIAL RELEASE EC NO: UCP2010-0714 DRWN:MSIBARRA 2009/09/16 CHKD:BBARKER 2009/09/24 APPR:SMILLER 2009/09/24 A	DESCRIPTION REV	QUALITY SYMBOLS <
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Компания «Океан Электроники» предлагает заключение долгосрочных отношений при поставках импортных электронных компонентов на взаимовыгодных условиях!

Наши преимущества:

- Поставка оригинальных импортных электронных компонентов напрямую с производств Америки, Европы и Азии, а так же с крупнейших складов мира;
- Широкая линейка поставок активных и пассивных импортных электронных компонентов (более 30 млн. наименований);
- Поставка сложных, дефицитных, либо снятых с производства позиций;
- Оперативные сроки поставки под заказ (от 5 рабочих дней);
- Экспресс доставка в любую точку России;
- Помощь Конструкторского Отдела и консультации квалифицированных инженеров;
- Техническая поддержка проекта, помощь в подборе аналогов, поставка прототипов;
- Поставка электронных компонентов под контролем ВП;
- Система менеджмента качества сертифицирована по Международному стандарту ISO 9001;
- При необходимости вся продукция военного и аэрокосмического назначения проходит испытания и сертификацию в лаборатории (по согласованию с заказчиком);
- Поставка специализированных компонентов военного и аэрокосмического уровня качества (Xilinx, Altera, Analog Devices, Intersil, Interpoint, Microsemi, Actel, Aeroflex, Peregrine, VPT, Syfer, Eurofarad, Texas Instruments, MS Kennedy, Miteq, Cobham, E2V, MA-COM, Hittite, Mini-Circuits, General Dynamics и др.);

Компания «Океан Электроники» является официальным дистрибьютором и эксклюзивным представителем в России одного из крупнейших производителей разъемов военного и аэрокосмического назначения «JONHON», а так же официальным дистрибьютором и эксклюзивным представителем в России производителя высокотехнологичных и надежных решений для передачи СВЧ сигналов «FORSTAR».



JONHON

«JONHON» (основан в 1970 г.)

Разъемы специального, военного и аэрокосмического назначения:

(Применяются в военной, авиационной, аэрокосмической, морской, железнодорожной, горно- и нефтедобывающей отраслях промышленности)

«FORSTAR» (основан в 1998 г.)

ВЧ соединители, коаксиальные кабели,
кабельные сборки и микроволновые компоненты:

(Применяются в телекоммуникациях гражданского и специального назначения, в средствах связи, РЛС, а так же военной, авиационной и аэрокосмической отраслях промышленности).



Телефон: 8 (812) 309-75-97 (многоканальный)

Факс: 8 (812) 320-03-32

Электронная почта: ocean@oceanchips.ru

Web: <http://oceanchips.ru/>

Адрес: 198099, г. Санкт-Петербург, ул. Калинина, д. 2, корп. 4, лит. А