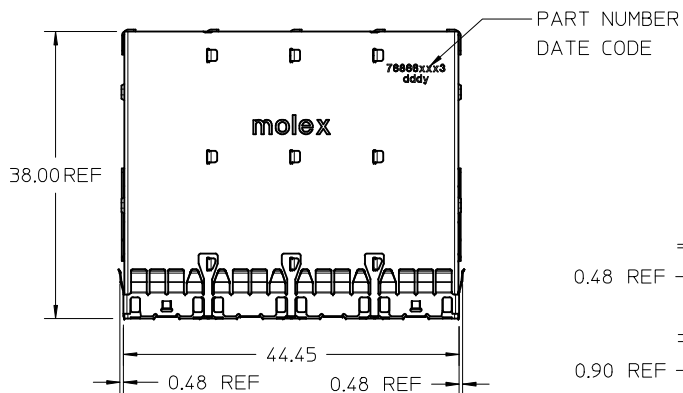
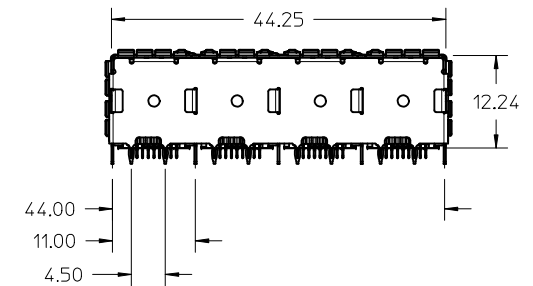
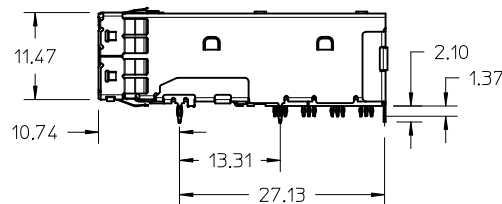
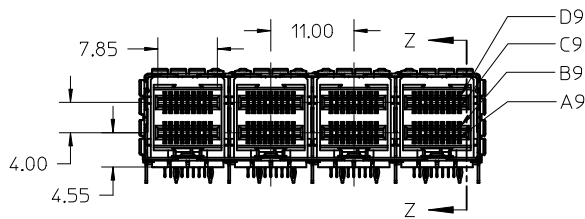


SECTION Z-Z



NOTES:

1. MATERIALS:

CONNECTOR HOUSING: HIGH TEMPERATURE THERMOPLASTIC
GLASS FILLED, UL 94V-0
EMI CAGE: NICKEL SILVER ALLOY
EMI FINGERS: COPPER ALLOY
TERMINALS: COPPER ALLOY

2. FINISHES:

EMI FINGERS: 0.50μM MIN NICKEL
CONTACT AREA: 0.76μM MIN GOLD OVER 2.54μM MIN NICKEL
TAIL AREA:

OPTION 1: 0.76μM-1.52μM TIN/LEAD (90/10) OVER 2.54μM MIN NICKEL
OPTION 2: 0.76μM-1.52μM TIN (LEAD FREE) OVER 2.54μM MIN NICKEL

3. PRODUCT SPECIFICATION: PS-76866-001

4. PACKAGING SPECIFICATION: PK-76866-001

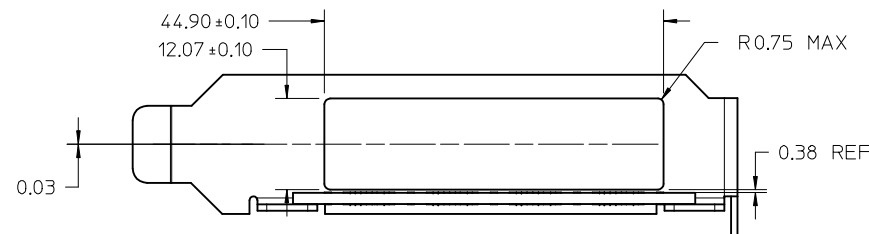
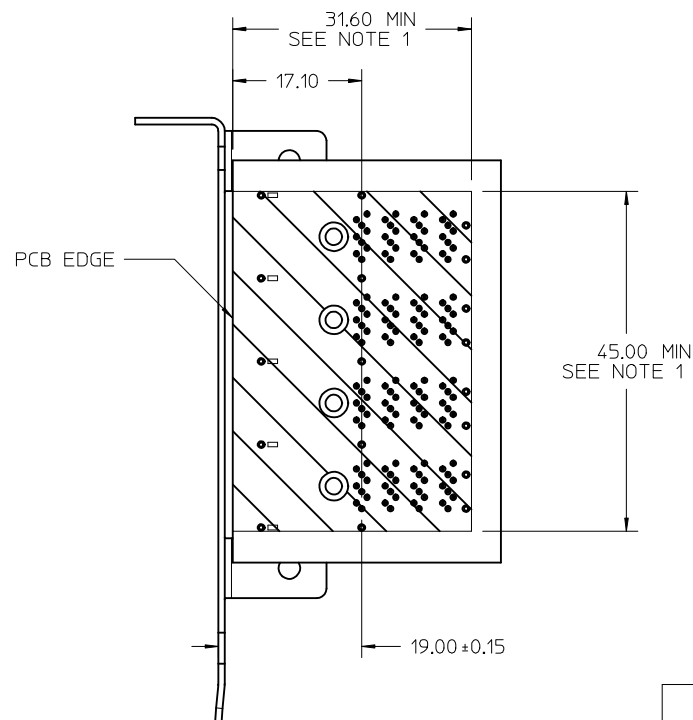
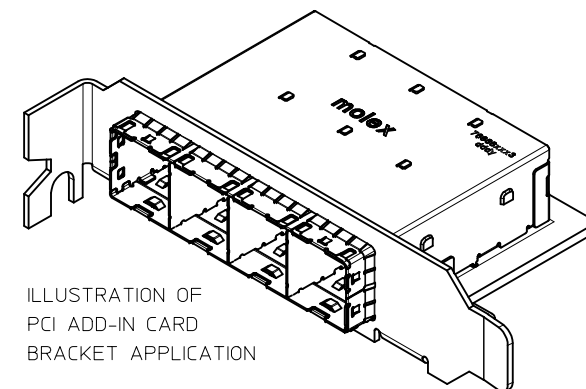
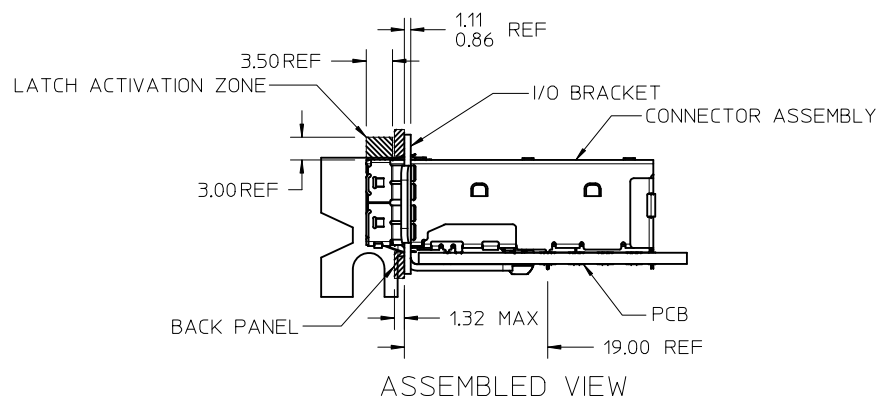
5. MATES WITH: MOLEX CABLE SERIES 111068 & 111073

6. RECOMMENDED MOUNTING HARDWARE: M2X0.4 BUTTON HEAD SCREW
MOUNTING SCREW LENGTH: PCB THICKNESS + 1.4MM MAX (0.9MM MIN)
MOUNTING HARDWARE NOT SUPPLIED

PLATING OPT.	MATERIAL NO.
OPTION 1	76866-0003
OPTION 2	76866-0013

REV NOTE REF SHT4 EC NO: UCP2013-1619 DRAWN BY: DRWNBK8 INGHAM CHKD: APPR: TMCLELL D5	DESCRIPTION REV	QUALITY SYMBOLS ▽=0 ▽=0	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE MM ONLY		SCALE 2:1	DESIGN UNITS METRIC	THIRD ANGLE PROJECTION	TITLE IPASS PLUS HD 1X4 ASSY MOLEX MOLEX INCORPORATED SD-76866-003 1 OF 7	
				mm	INCH	DRAWN BY KLANG	DATE 2009/03/4	CHECKED BY DATE			
			4 PLACES	± ---	± ---	APPROVED BY MBANAKIS					DATE 2010/01/14
			3 PLACES	± ---	± ---			DOCUMENT NO.			
			2 PLACES	± 0.13	± ---	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
			1 PLACE	± 0.25	± ---			SIZE C			
			ANGULAR ±1/2°			SEE CHART					SD-76866-003

PCI ADD-IN CARD APPLICATION



NOTES:
1. CONNECTOR KEEPOUT AREA

SEE SHEET 1 EC NO: UCP2013-1619 DRWN: K. BINGHAM 2012/10/25 CHKD: TMC/LELL APPR: TMC/LELL 2012/10/29 REV: D5	DESCRIPTION	QUALITY SYMBOLS ▽=0 ▽=0	GENERAL TOLERANCES (UNLESS SPECIFIED)			DIMENSION STYLE MM ONLY		SCALE 2:1	DESIGN UNITS METRIC	 THIRD ANGLE PROJECTION
						DRAWN BY DATE KLANG 2009/03/4		TITLE IPASS PLUS HD 1X4 ASSY		
						CHECKED BY DATE				
						APPROVED BY DATE MBANAKIS 2010/01/14		MOLEX MOLEX INCORPORATED		
						MATERIAL NO. SEE CHART		DOCUMENT NO. SD-76866-003		
			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		
								SHEET NO. 2 OF 7		

ALL OTHER (M/B) APPLICATIONS

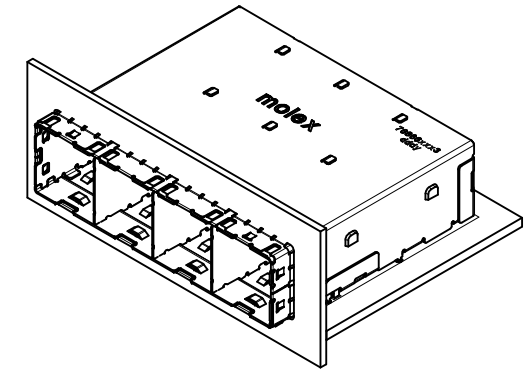
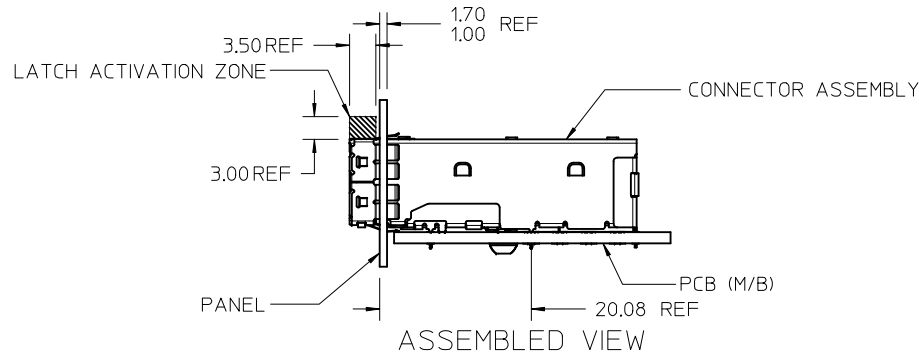
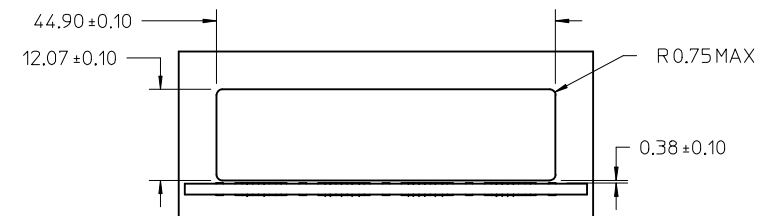
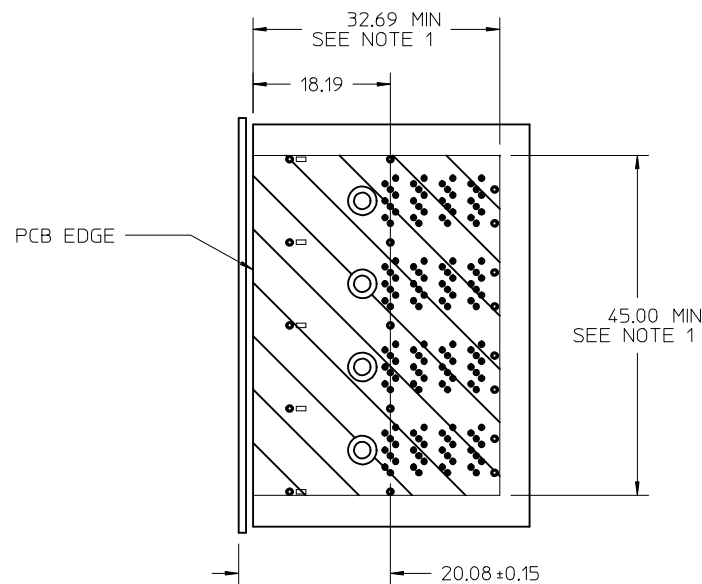


ILLUSTRATION OF
ALL OTHER M/B
BRACKET APPLICATION

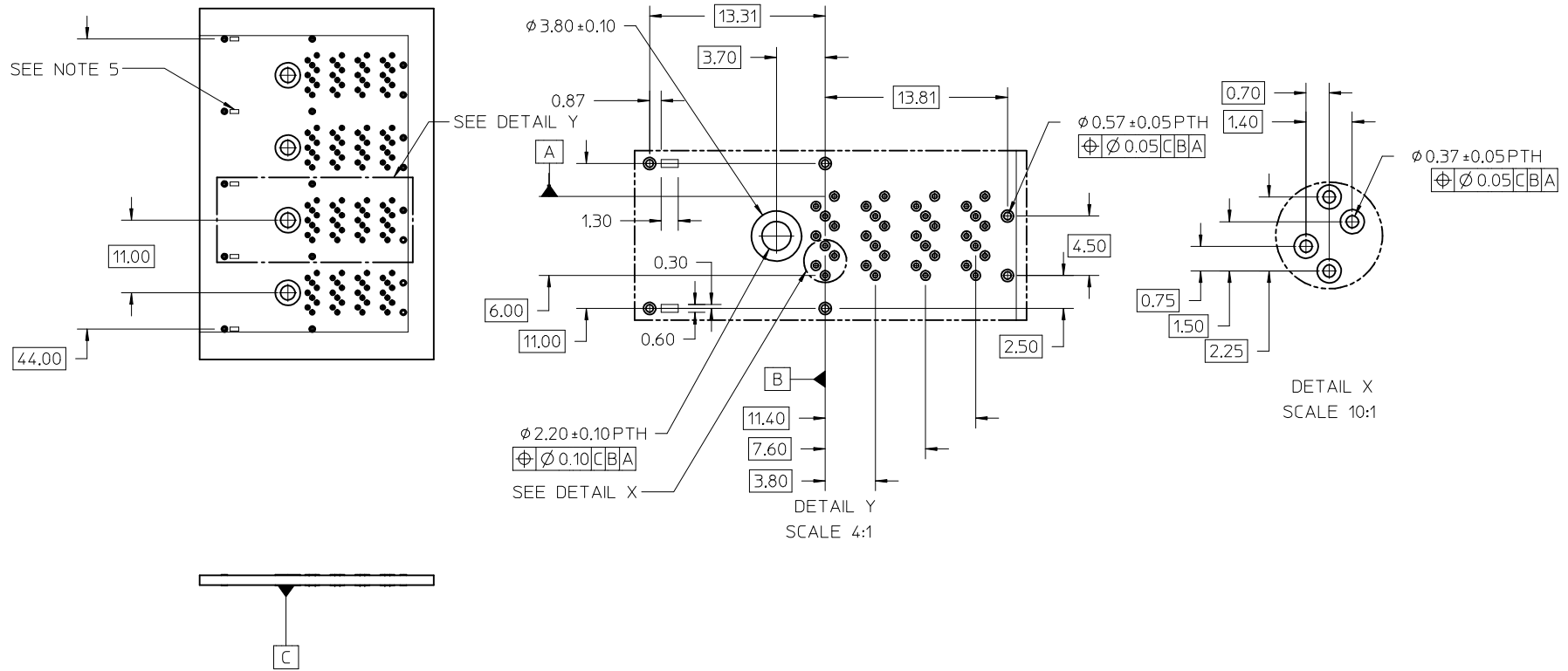


I/O BRACKET CUT OUT
(BRACKET NOT SUPPLIED)

NOTES:
1. CONNECTOR KEEPOUT AREA

SEE SHEET 1 EC NO: UCP2013-1619 DRAWN BY: BINGHAM CHKD: TMCLELL APPR: TMCLELL REV: D5	DESCRIPTION 2012/10/25 2012/10/29	QUALITY SYMBOLS ▽=0 ▽=0 ▽=0	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE MM ONLY		SCALE 2:1	DESIGN UNITS METRIC	THIRD ANGLE PROJECTION				
				mm	INCH	DRAWN BY KLANG	DATE 2009/03/4	TITLE IPASS PLUS HD 1X4 ASSY					
			4 PLACES	± ---	± ---	CHECKED BY	DATE						
			3 PLACES	± ---	± ---	APPROVED BY MBANAKIS		DATE 2010/01/14		MOLEX INCORPORATED			
			2 PLACES	± 0.13	± ---								
			1 PLACE	± 0.25	± ---	MATERIAL NO.		DOCUMENT NO.				SHEET NO.	
			ANGULAR ±1/2°		SEE CHART		SD-76866-003					3 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							

RECOMMENDED FOOTPRINT



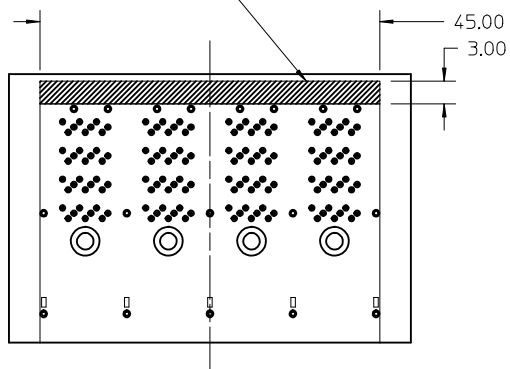
NOTES:

1. RECOMMENDED DRILL SIZE AND ANNULAR RING FOR 0.37 ϕ FINISHED PTH - REFER TO APPLICATION SPECIFICATION AS-76866-001
2. MINIMUM RECOMMENDED SPACING: 47.00MM
3. MINIMUM PCB THICKNESS: 1.57MM
4. RECOMMENDED DRILL SIZE AND ANNULAR RING FOR 0.57 ϕ FINISHED PTH - REFER TO APPLICATION SPECIFICATION AS-76866-001
5. CAGE STAND OFF AREA, NO TRACES ON SURFACE OF PCB IN THESE AREAS

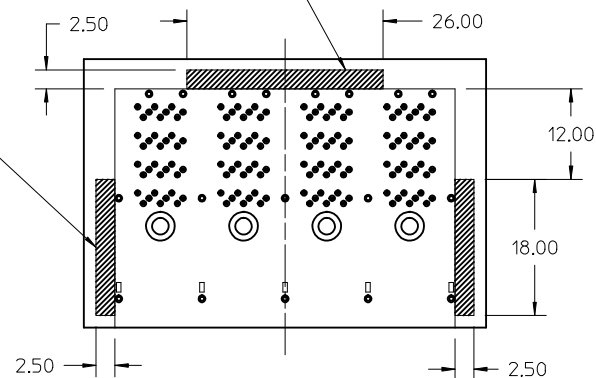
SEE SHEET 1 EC NO: UCP2013-1619 D5 DRAWN BY: DRWNBINGHAM CHKD: CHKD: APPR: TMCLELL 2012/10/25 2012/10/29	DESCRIPTION REV	QUALITY SYMBOLS ▽=0 ▽=0	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE MM ONLY		SCALE 2:1	DESIGN UNITS METRIC	THIRD ANGLE PROJECTION		
			4 PLACES 3 PLACES 2 PLACES 1 PLACE ANGULAR ±1/2° DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS	mm	INCH	DRAWN BY KLANG		DATE 2009/03/4	TITLE IPASS PLUS HD 1X4 ASSY		
				± ---	± ---	CHECKED BY		DATE			
				± ---	± ---	APPROVED BY MBANAKIS		DATE 2010/01/14	MOLEX MOLEX INCORPORATED		
				± 0.13	± ---	MATERIAL NO.		DOCUMENT NO.			
				± 0.25	± ---	SEE CHART		SD-76866-003	4 OF 7		
THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION											

RECOMMENDED TOOLING KEEP OUT AREAS

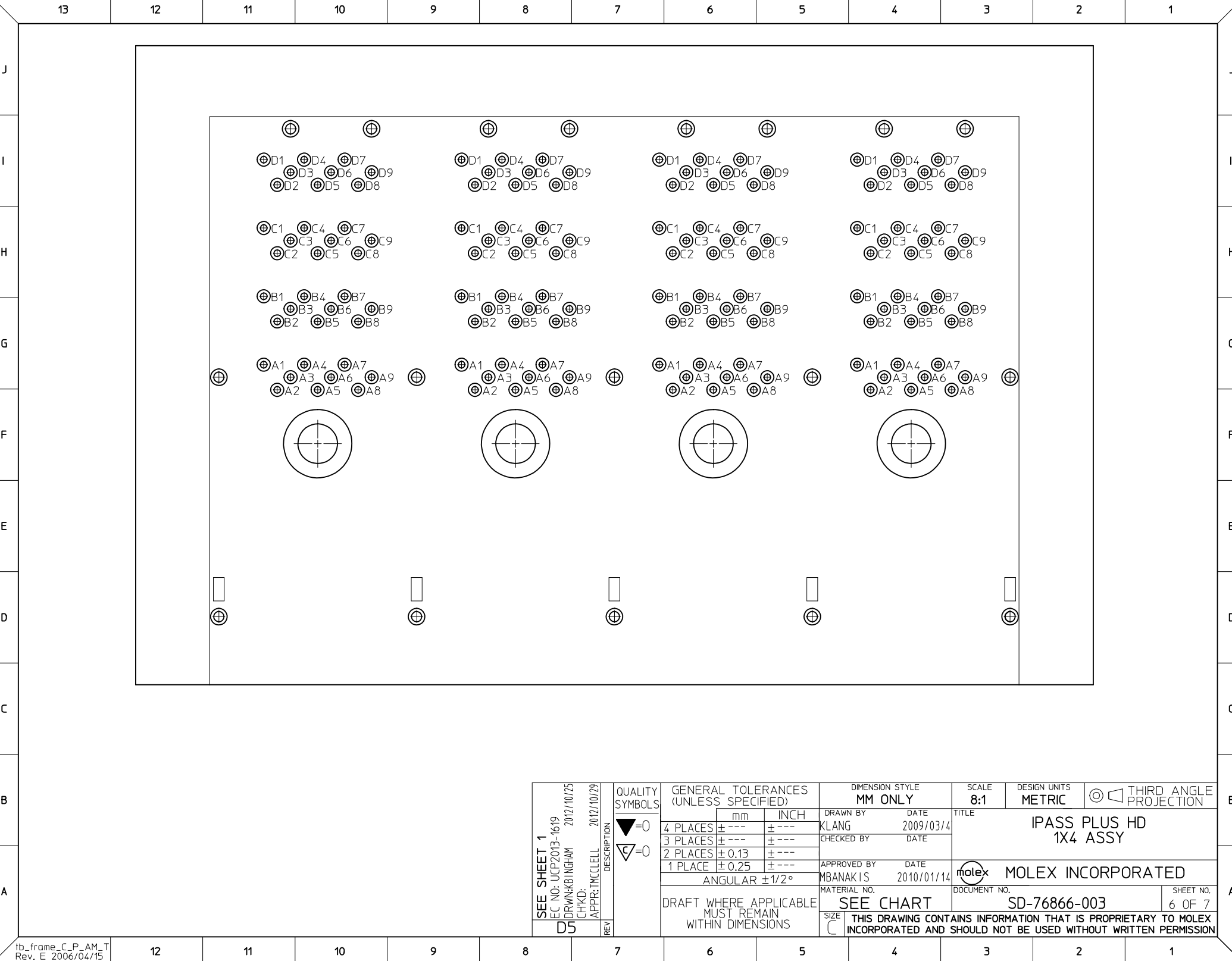
RECOMMENDED INSERTION TOOL
KEEP OUT AREA
NO COMPONENTS IN THIS AREA
MORE THAN 7.50 mm TALL



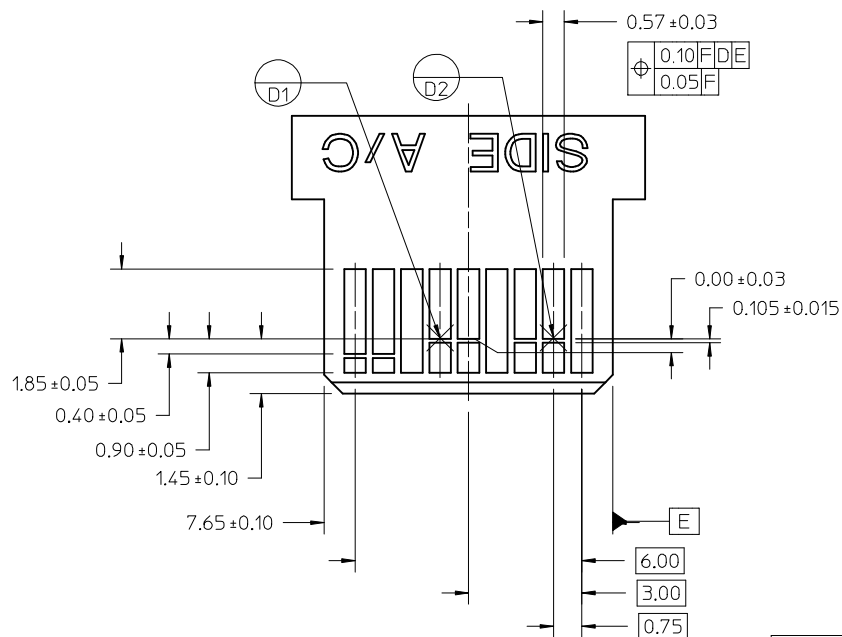
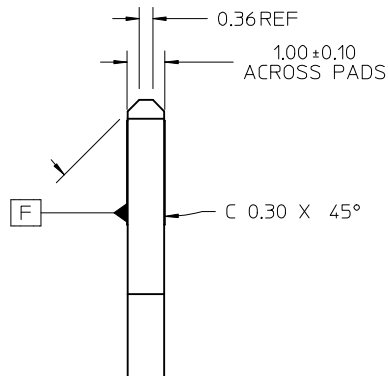
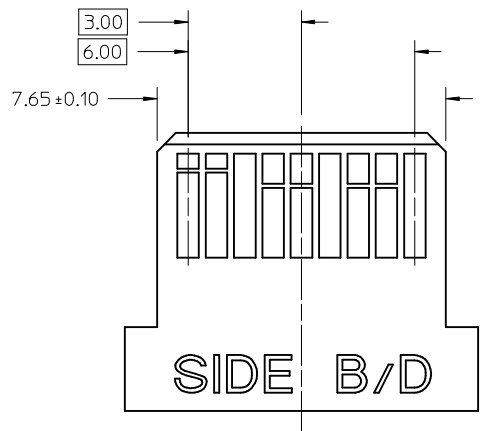
RECOMMENDED EXTRACTION TOOL
KEEP OUT AREA
NO COMPONENTS IN THESE AREAS



SEE SHEET 1 EC NO: UCP2013-1619 DRAWN BY: DRWNBINGHAM CHKD: TMCLELL APPR: TMCLELL REV: D5	DESCRIPTION 2012/10/25 2012/10/29	QUALITY SYMBOLS ▽=0 ▽=0 ▽=0	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE MM ONLY		SCALE 2:1	DESIGN UNITS METRIC	 THIRD ANGLE PROJECTION
				mm	INCH	DRAWN BY KLANG	DATE 2009/03/4	TITLE IPASS PLUS HD 1X4 ASSY	
			4 PLACES	±---	±---	CHECKED BY	DATE		
			3 PLACES	±---	±---				
			2 PLACES	±0.13	±---	APPROVED BY MBANAKIS	DATE 2010/01/14	 MOLEX INCORPORATED	
			1 PLACE	±0.25	±---	MATERIAL NO.	DOCUMENT NO.		
			ANGULAR ±1/2°		SEE CHART		SD-76866-003		
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				
					SHEET NO. 5 OF 7				



SEE SHEET 1 EC NO: UCP2013-1619 2012/10/25 DRAWN: BINGHAM CHKD: APPR: TMCLELL 2012/10/29	DESCRIPTION	QUALITY SYMBOLS ▽=0 ▽=0	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE MM ONLY		SCALE 8:1	DESIGN UNITS METRIC	 THIRD ANGLE PROJECTION		
				mm	INCH	DRAWN BY KLANG		DATE 2009/03/4		TITLE IPASS PLUS HD 1X4 ASSY	
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			3 PLACES	± ---	± ---	APPROVED BY MBANAKIS		DATE 2010/01/14	 MOLEX INCORPORATED	DOCUMENT NO. SD-76866-003	SHEET NO. 6 OF 7
			2 PLACES	± 0.13	± ---						
			1 PLACE	± 0.25	± ---	DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		SIZE C			
			ANGULAR ±1/2°								



NOTES:

- 0.05 MINIMUM KEEP OUT FOR SOLDER MASK AROUND ALL PADS
- DATUM D TARGETS ARE DEFINED BY THE RESPECTIVE PAD CENTER LINES AND THE LEADING EDGE OF THE TARGET PADS

SEE SHEET 1 EC NO: UCP2013-1619 DRAWN BY: BINGHAM CHKD: APPR: TMC/LELL 2012/10/25 2012/10/29	QUALITY SYMBOLS ▽=0 ▽=0	DESCRIPTION	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE MM ONLY		SCALE 10:1	DESIGN UNITS METRIC	 THIRD ANGLE PROJECTION		
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			APPROVED BY MBANAKIS		DATE 2010/01/14	 MOLEX INCORPORATED					
			MATERIAL NO.		DOCUMENT NO.		SHEET NO. 7 OF 7				
			DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		SEE CHART		SD-76866-003				
			SIZE C	THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION							