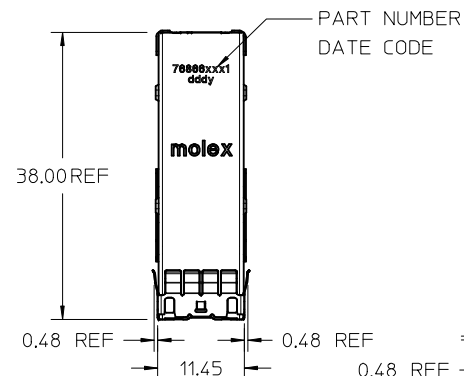


NOTES:

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

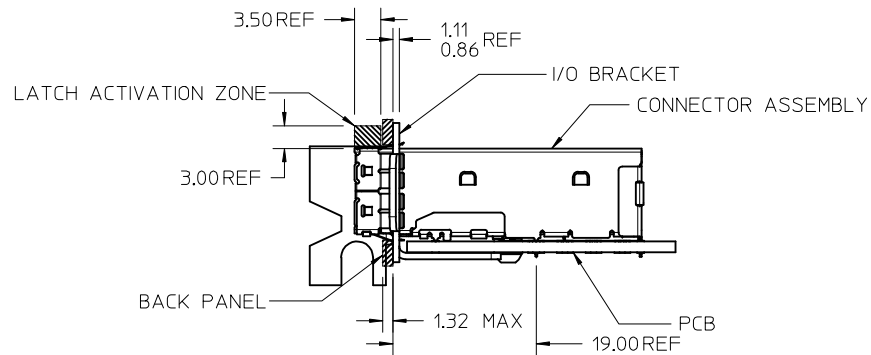
6. RECOMMENDED MOUNTING HARDWARE: M2X0.4 BUTTON HEAD SCREW

MOUNTING SCREW LENGTH: BOARD THICKNESS + 1.4MM MAX (0.9MM MIN)
MOUNTING HARDWARE NOT SUPPLIED

PLATING OPT.	MATERIAL NO.
OPTION 1	76866-0001
OPTION 2	76866-0011

REV NOTE REF SHT4 EC NO: UCP2013-1619 DRAWN BY: INGHAM 2012/10/25 CHKD: INGHAM APPR: TMCLELL 2012/10/29	DESCRIPTION	QUALITY SYMBOLS ▽=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 2009/03/04	TITLE IPASS PLUS HD 1X1 ASSEMBLY					
						CHECKED BY	DATE						
			4 PLACES	± ---	± ---	APPROVED BY MBANAKIS		DATE 2010/01/14	molex MOLEX INCORPORATED				
			3 PLACES	± ---	± ---								
			2 PLACES	± 0.13	± ---	MATERIAL NO.		DOCUMENT NO.	SD-76866-001				
			1 PLACE	± 0.25	± ---								
			ANGULAR ±1/2°			SEE CHART		SHEET NO. 1 OF 7					
			DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS										
			D3	REV	THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION								

PCI ADD-IN CARD APPLICATION



ASSEMBLED VIEW

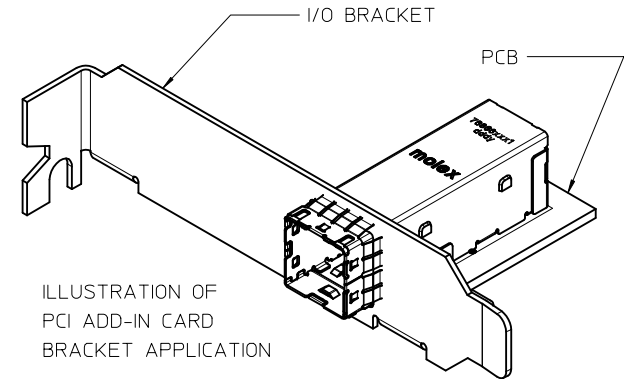
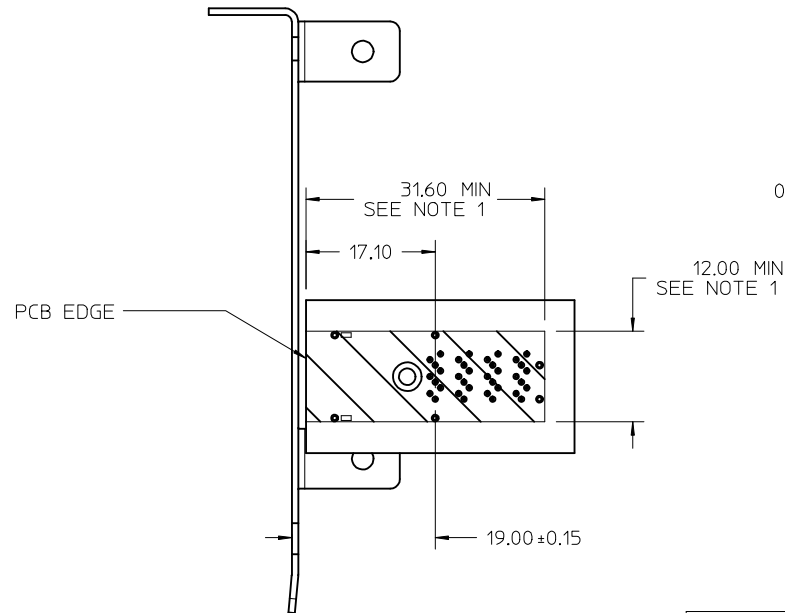
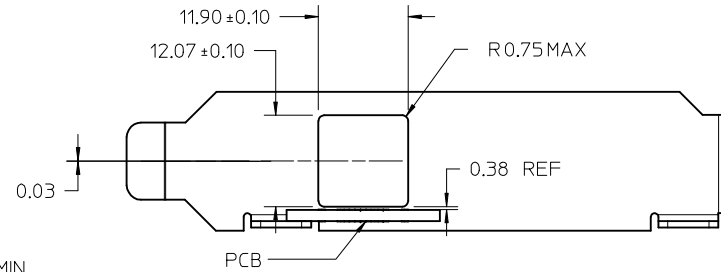


ILLUSTRATION OF
PCI ADD-IN CARD
BRACKET APPLICATION



PCB TO BRACKET VIEW



I/O BRACKET CUT OUT
(BRACKET NOT SUPPLIED)

NOTES:
1. CONNECTOR KEEP OUT AREA

SEE SHEET 1 EC NO: UCP2013-1619 DRAWN BY: DRWNBKINGHAM CHKD: TMCLELL APPR: TMCLELL DATE: 2012/10/25 DATE: 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					
				mm	INCH	DRAWN BY KLANG		DATE 2009/03/04		TITLE IPASS PLUS HD 1X1 ASSEMBLY					
			4 PLACES	± ---	± ---	CHECKED BY		DATE							
			3 PLACES	± ---	± ---	APPROVED BY MBANAKIS						DATE 2010/01/14		MOLEX INCORPORATED	
			2 PLACES	± 0.13	± ---										
			1 PLACE	± 0.25	± ---										
			ANGULAR ±1/2°			MATERIAL NO.		DOCUMENT NO.		SHEET NO.					
			DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS			SEE CHART		SD-76866-001		2 OF 7					
						THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION									

ALL OTHER M/B APPLICATIONS

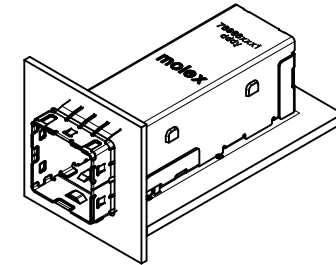
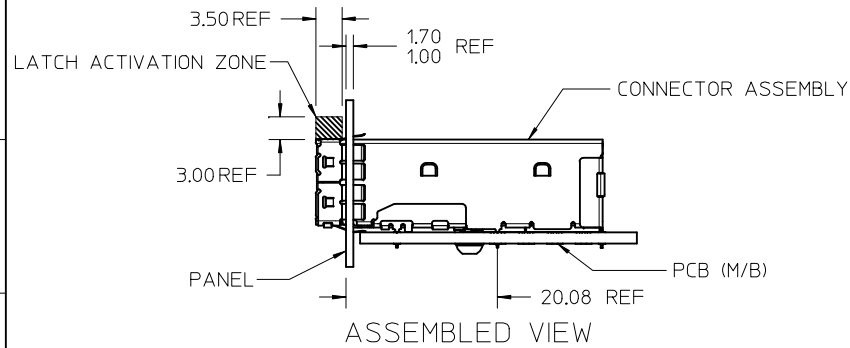
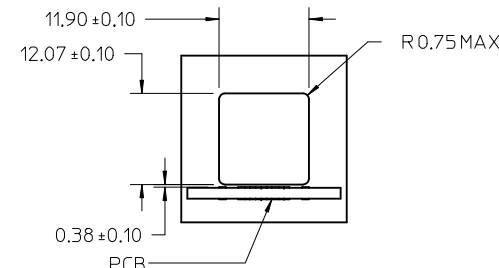
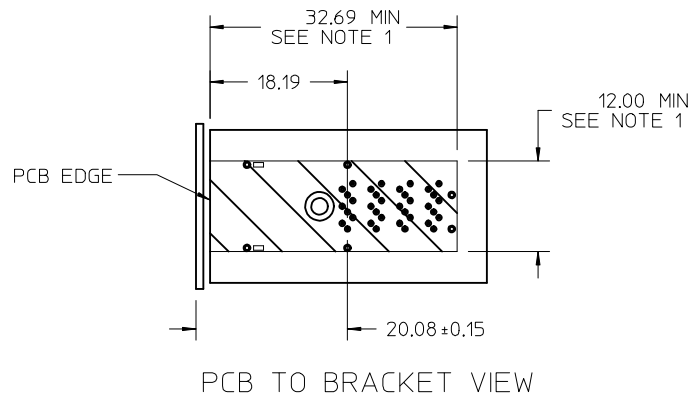


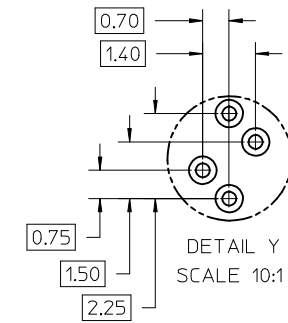
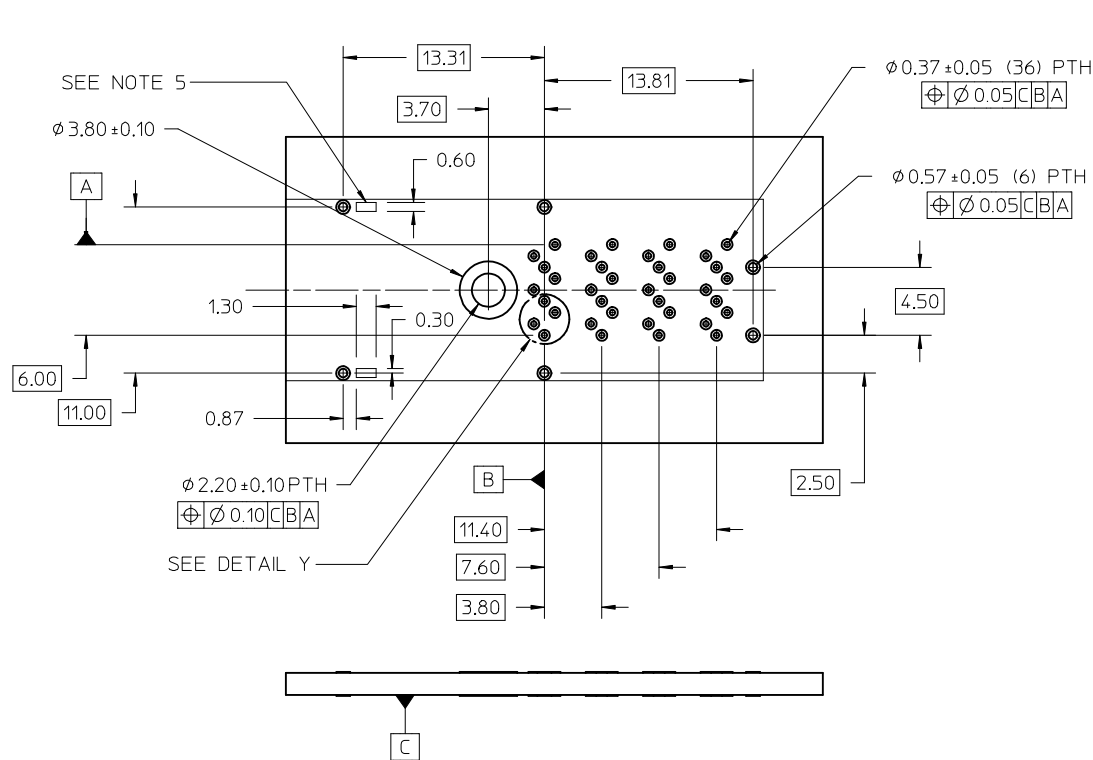
ILLUSTRATION OF
ALL OTHER M/B
BRACKET APPLICATION



NOTES:
1. CONNECTOR KEEP OUT AREA

SEE SHEET 1 EC NO: UCP2013-1619 DRAWN BY: BINGHAM CHKD: APPR: TMCLELL 2012/10/25 2012/10/29	DESCRIPTION REV	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 2009/03/04		TITLE IPASS PLUS HD 1X1 ASSEMBLY			
			4 PLACES ± ---		± ---		CHECKED BY		DATE					
			3 PLACES ± ---		± ---		APPROVED BY MBANAKIS				DATE 2010/01/14			
			2 PLACES ± 0.13		± ---									
			1 PLACE ± 0.25		± ---		MATERIAL NO.				DOCUMENT NO.			
			ANGULAR ± 1/2°											
			DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS				SEE CHART				SD-76866-001			
							SIZE C				THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION			
											SHEET NO. 3 OF 7			

RECOMMENDED FOOTPRINT



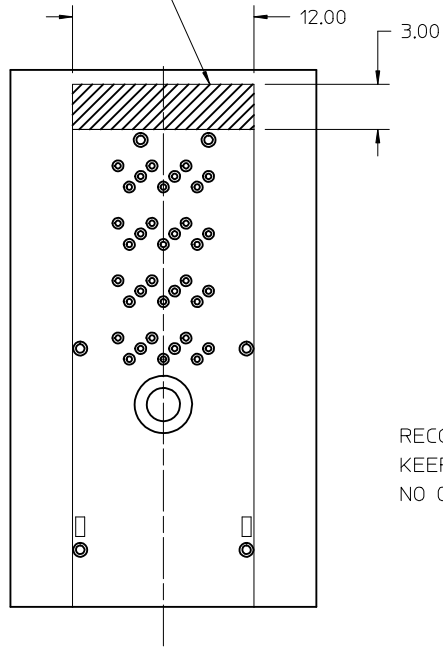
NOTES:

1. RECOMMENDED DRILL SIZE AND ANNULAR RING FOR A 0.37 ϕ FINISHED PTH - REFER TO APPLICATION SPECIFICATION AS-76866-001
2. MINIMUM RECOMMENDED SPACING: 14.00MM
3. MINIMUM PCB THICKNESS: 1.57MM
4. RECOMMENDED DRILL SIZE AND ANNULAR RING FOR A 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

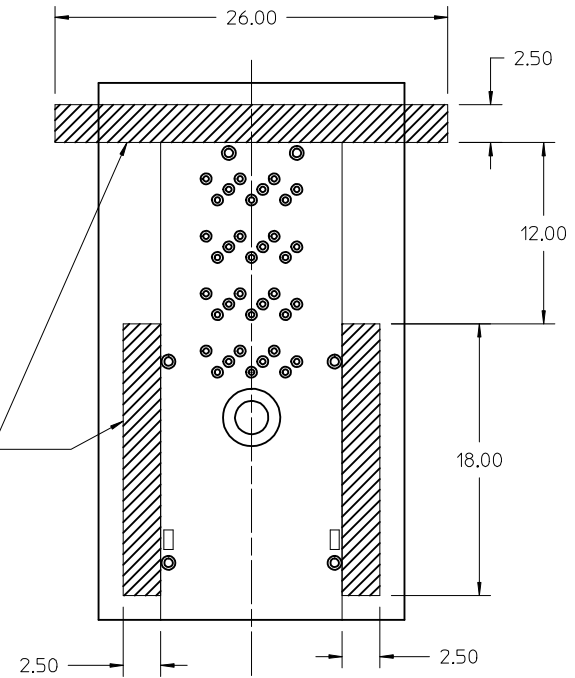
SEE SHEET 1 EC NO: UCP2013-1619 DRAWN BY: DRWNBK INGHAM CHKD: APPR: TMC/LELL REV: D3	DESCRIPTION 2012/10/25 2012/10/29	QUALITY SYMBOLS ▽=0 ▽=0	GENERAL TOLERANCES (UNLESS SPECIFIED)			DIMENSION STYLE MM ONLY		SCALE 4:1	DESIGN UNITS METRIC	 THIRD ANGLE PROJECTION		
			4 PLACES 3 PLACES 2 PLACES 1 PLACE	mm	INCH	DRAWN BY KLANG	DATE 2009/03/04	TITLE IPASS PLUS HD 1X1 ASSEMBLY				
				± ---	± ---	CHECKED BY	DATE					
				± ---	± ---							
				± 0.13	± ---							
				± 0.25	± ---							
			ANGULAR ±1/2°			APPROVED BY MBANAKIS	DATE 2010/01/14	 MOLEX INCORPORATED				
			DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS			MATERIAL NO.	DOCUMENT NO.				SHEET NO. 4 OF 7	
						SEE CHART					SD-76866-001	
						SIZE C	THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION					

RECOMMENDED TOOLING KEEP OUT AREAS

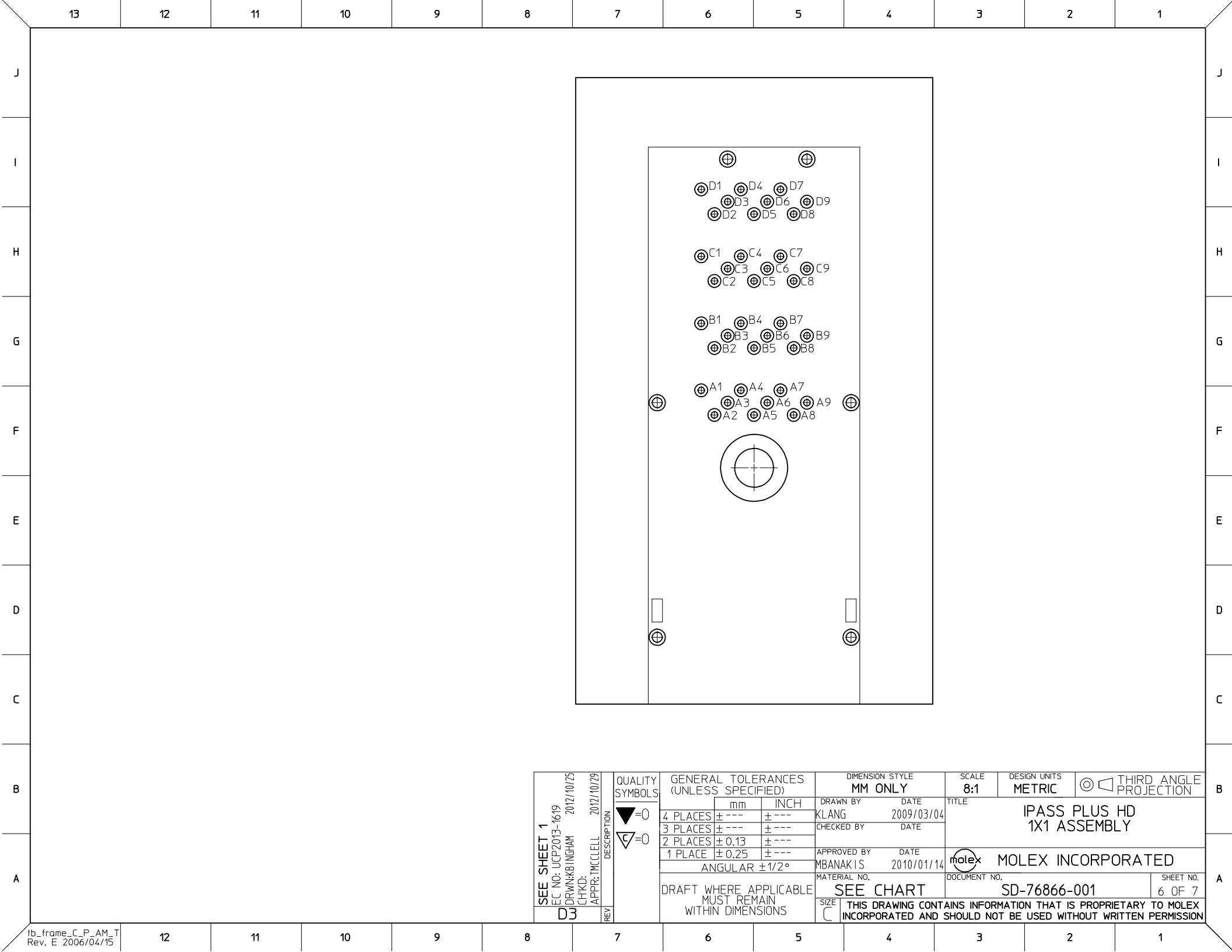
RECOMMENDED INSERTION TOOL
KEEP OUT AREA
NO COMPONENTS IN THIS AREA
MORE THAN 7.50 mm TALL



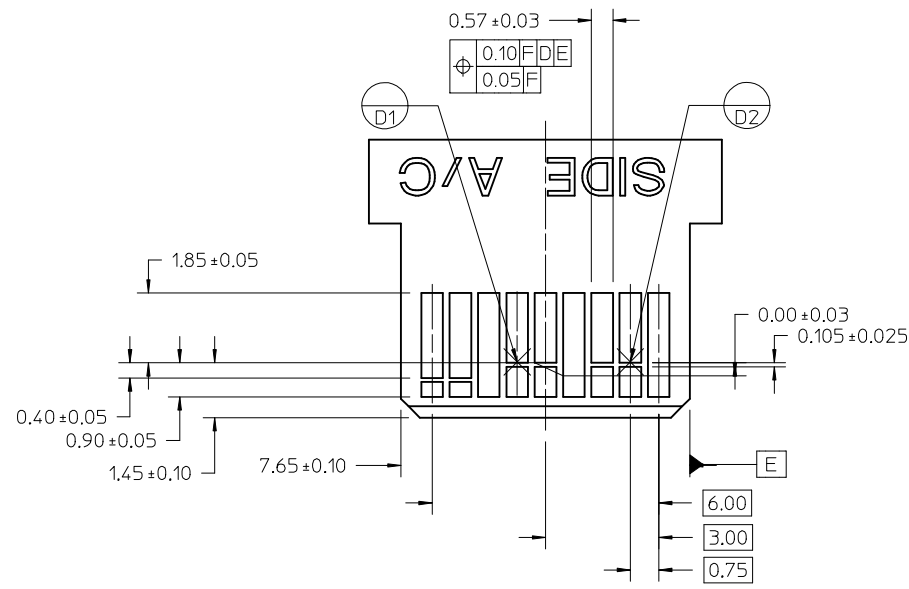
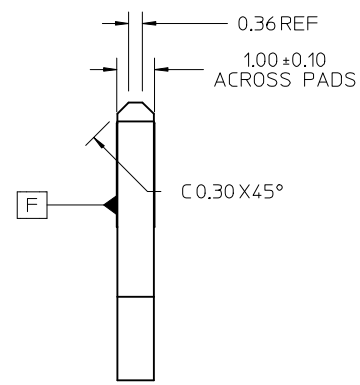
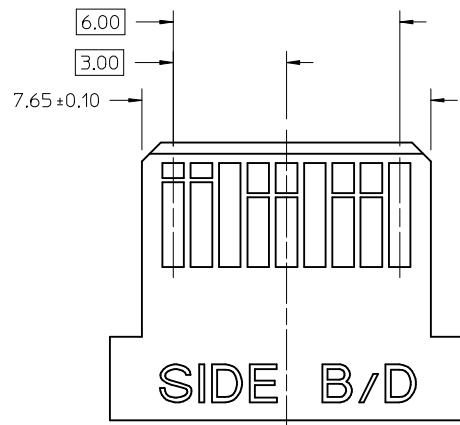
RECOMMENDED EXTRACTION TOOL
KEEP OUT AREA
NO COMPONENTS IN THESE AREAS



SEE SHEET 1 EC NO: UCP2013-1619 DRAWN BY: DRWNBINGHAM CHKD: 2012/10/25 APPR: TMCLELL 2012/10/29	DESCRIPTION REV	QUALITY SYMBOLS ▽=0 ▽=0 ▽=0	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE MM ONLY		SCALE 4:1	DESIGN UNITS METRIC	THIRD ANGLE PROJECTION
				mm	INCH	DRAWN BY KLANG	DATE 2009/03/04	TITLE IPASS PLUS HD 1X1 ASSEMBLY	
			4 PLACES	± ---	± ---	CHECKED BY	DATE		
			3 PLACES	± ---	± ---	APPROVED BY MBANAKIS		DATE 2010/01/14	MOLEX MOLEX INCORPORATED
			2 PLACES	± 0.13	± ---	MATERIAL NO.		DOCUMENT NO.	
			1 PLACE	± 0.25	± ---	SEE CHART		SD-76866-001	5 OF 7
			ANGULAR ±1/2°		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		



SEE SHEET 1 EC NO: UCP2013-1619 DRAWN: BINGHAM 2012/10/25 CHKD: APPR: TMCLELL 2012/10/29	DESCRIPTION REV	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 DATE KLANG 2009/03/04		TITLE IPASS PLUS HD 1X1 ASSEMBLY			
			4 PLACES	± ---	± ---	CHECKED BY DATE					
			3 PLACES	± ---	± ---	APPROVED BY DATE MBANAKIS 2010/01/14		MOLEX INCORPORATED			
			2 PLACES	± 0.13	± ---						
			1 PLACE	± 0.25	± ---	MATERIAL NO.		DOCUMENT NO.		SHEET NO. 6 OF 7	
			ANGULAR ±1/2°			SEE CHART		SD-76866-001			
			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			



NOTES:
1. 0.05 MINIMUM KEEP OUT FOR SOLDER MASK AROUND ALL PADS
2. 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 DRWN:K8INGHAM 2012/10/25 CHKD: APPR:TMCCLELL 2012/10/29 REV D3	DESCRIPTION	QUALITY SYMBOLS ▽=0 ▽=0	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE MM ONLY		SCALE 4:1	DESIGN UNITS METRIC	THIRD ANGLE PROJECTION	IPASS PLUS HD 1X1 ASSEMBLY			
				mm	INCH	DRAWN BY KLANG		DATE 2009/03/04					
			4 PLACES	± ---	± ---	CHECKED BY		DATE					
			3 PLACES	± ---	± ---								
			2 PLACES	± 0.13	± ---								
			1 PLACE	± 0.25	± ---	APPROVED BY MBANAKIS		DATE 2010/01/14		MOLEX MOLEX INCORPORATED	SHEET NO. 7 OF 7		
			ANGULAR ±1/2°		MATERIAL NO.		DOCUMENT NO.						
			DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		SEE CHART		SD-76866-001						
				SIZE C	THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION								