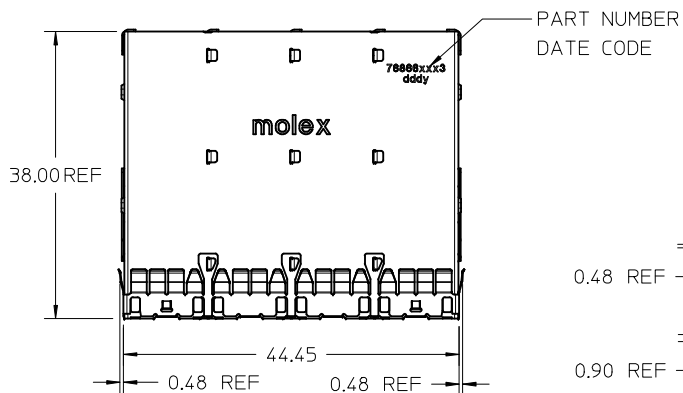
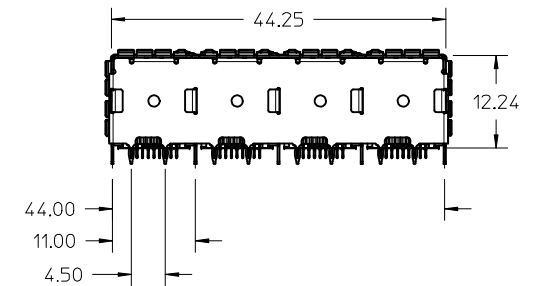
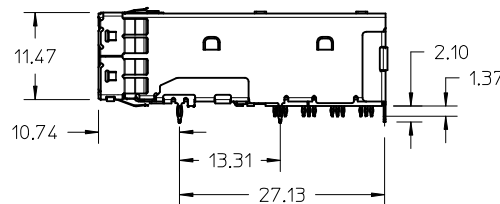
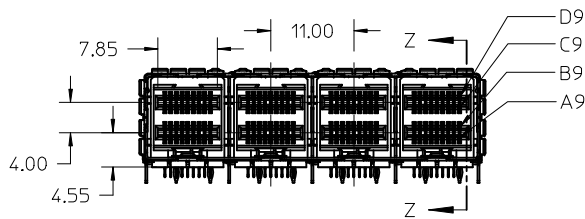


SECTION Z-Z



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

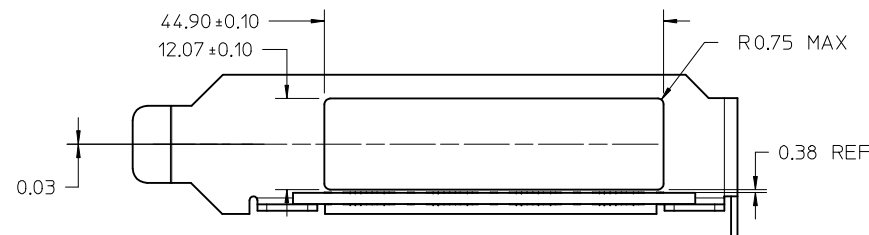
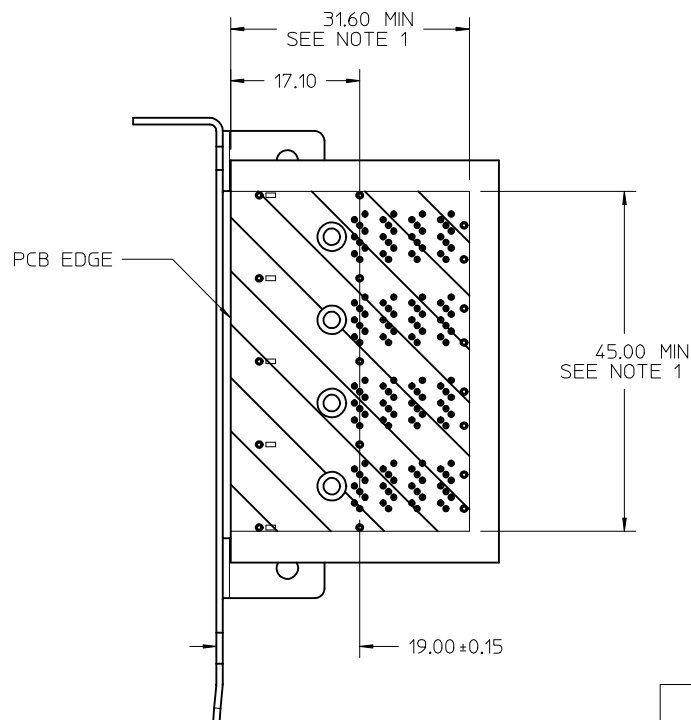
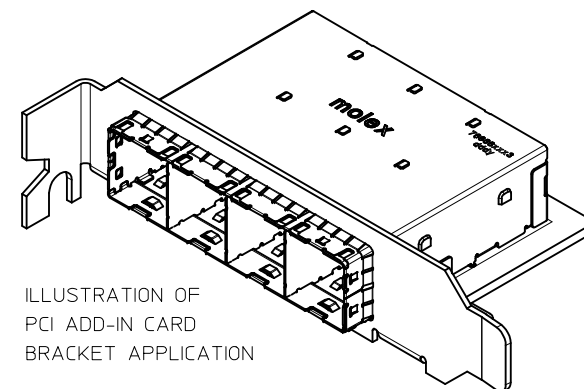
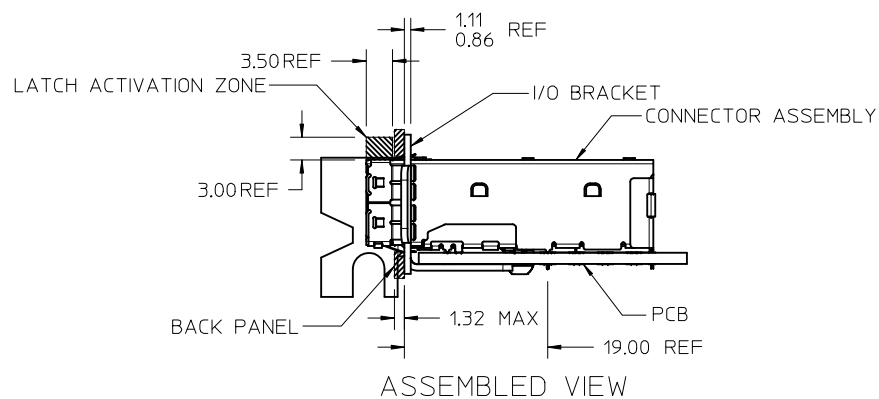
5. MATES WITH: MOLEX CABLE SERIES 111068 & 111073

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: 2012/10/25 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	DATE	TITLE IPASS PLUS HD 1X4 ASSY			
			4 PLACES	± ---	± ---	KLANG	2009/03/4				
			3 PLACES	± ---	± ---	CHECKED BY	DATE	APPROVED BY DATE MOLEX MOLEX INCORPORATED			
			2 PLACES	± 0.13	± ---	MBANAKIS	2010/01/14				
			1 PLACE	± 0.25	± ---	MATERIAL NO.	DOCUMENT NO.	SHEET NO. 1 OF 7			
			ANGULAR ±1/2°		SEE CHART		SD-76866-003				
			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				

PCI ADD-IN CARD APPLICATION



NOTES:
1. CONNECTOR KEEPOUT AREA

SEE SHEET 1 EC NO: UCP2013-1619 DRAWN: BINGHAM 2012/10/25 CHKD: 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		
						DRAWN BY KLANG	DATE 2009/03/4	TITLE IPASS PLUS HD 1X4 ASSY				
						CHECKED BY	DATE					
			4 PLACES ± --- ± ---			APPROVED BY MBANAKIS		DATE 2010/01/14		MOLEX INCORPORATED		
			3 PLACES ± --- ± ---									
			2 PLACES ± 0.13 ± ---									
			1 PLACE ± 0.25 ± ---			MATERIAL NO.		DOCUMENT NO.			SHEET NO.	
ANGULAR ± 1/2°			SEE CHART			SD-76866-003			2 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									

ALL OTHER (M/B) APPLICATIONS

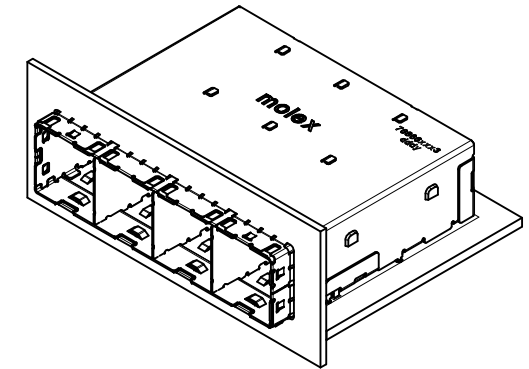
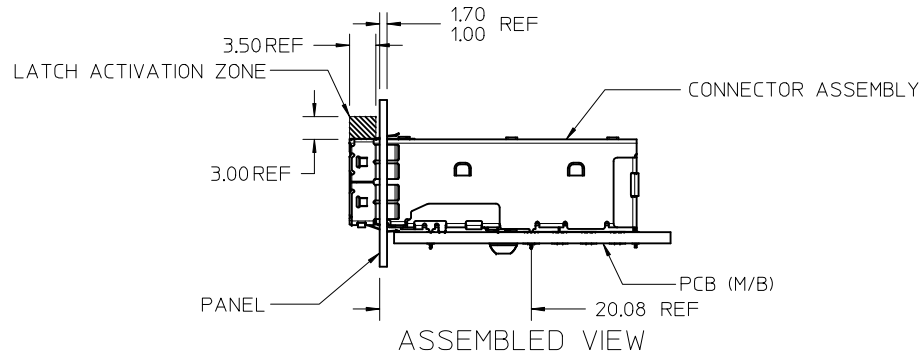
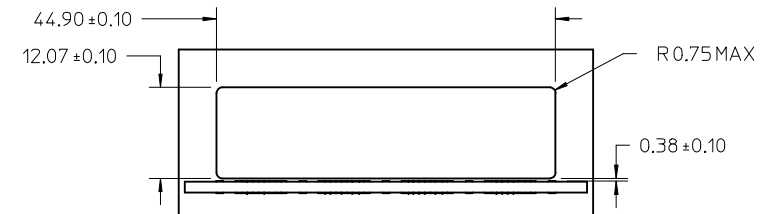
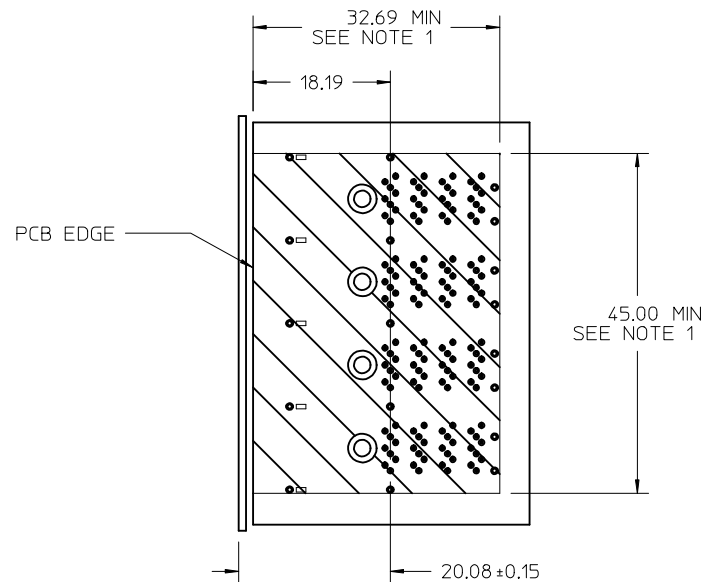


ILLUSTRATION OF
ALL OTHER M/B
BRACKET APPLICATION



NOTES:
1. CONNECTOR KEEPOUT AREA

SEE SHEET 1 EC NO: UCP2013-1619 DRAWN BY: BINGHAM 2012/10/25 CHKD: APPR: TMCLELL 2012/10/29 D5	DESCRIPTION REV	QUALITY SYMBOLS ▽=0 ▽=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		

SEE NOTE 5

44.00

11.00

SEE DETAIL Y

0.87

13.31

3.70

13.81

0.57 ± 0.05 PTH

Ø 0.05 [C] [B] [A]

4.50

2.50

6.00

11.00

0.60

0.30

1.30

Ø 2.20 ± 0.10 PTH

Ø 0.10 [C] [B] [A]

SEE DETAIL X

DETAIL Y

SCALE 4:1

11.40

7.60

3.80

DETAIL X

SCALE 10:1

0.70

1.40

0.75

1.50

2.25

Ø 0.37 ± 0.05 PTH

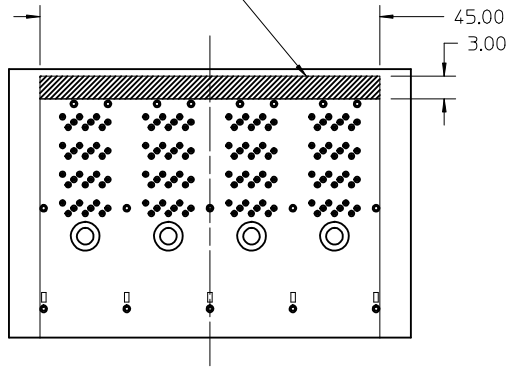
Ø 0.05 [C] [B] [A]

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

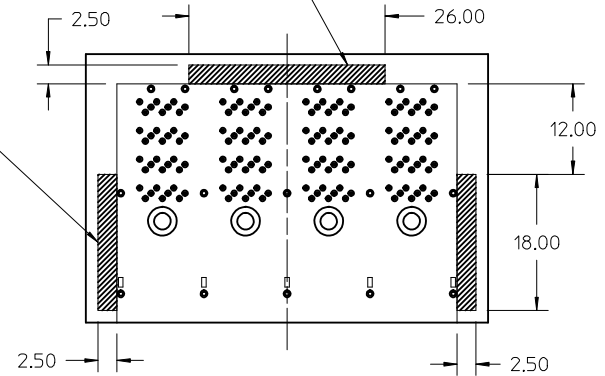
SEE SHEET 1 EC NO: UCP2013-1419 DRAWN BY: INGHAM CHKD: CHW APPR: TMC/LELL 2012/10/25 2012/10/29	DESCRIPTION	QUALITY SYMBOLS		GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE MM ONLY		SCALE 2:1	DESIGN UNITS METRIC	THIRD ANGLE PROJECTION	IPASS PLUS HD 1X4 ASSY	
	REV	=0	4 PLACES	± ---	± ---	DRAWN BY	DATE	TITLE				
		=0	3 PLACES	± ---	± ---	KLANG	2009/03/4					
		2 PLACES	± 0.13	± ---	CHECKED BY	DATE						
		1 PLACE	± 0.25	± ---	APPROVED BY	DATE						
			ANGULAR ±1/2°		MBANAKIS	2010/01/14	MOLEX INCORPORATED					
			DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		SEE CHART		DOCUMENT NO. SD-76866-003		SHEET NO. 4 OF 7			
					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

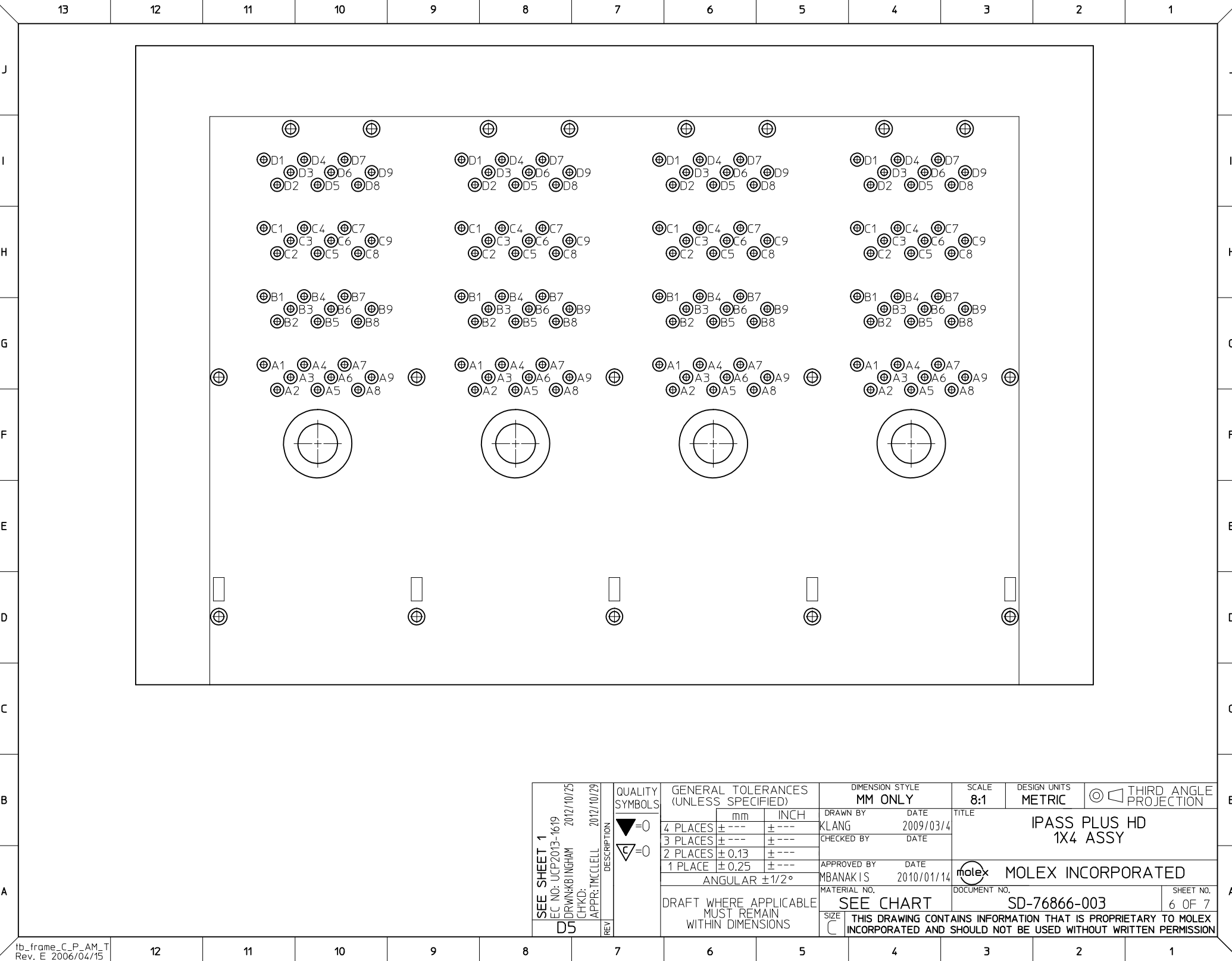
RECOMMENDED INSERTION TOOL
KEEP OUT AREA
NO COMPONENTS IN THIS AREA
MORE THAN 7.50 mm TALL



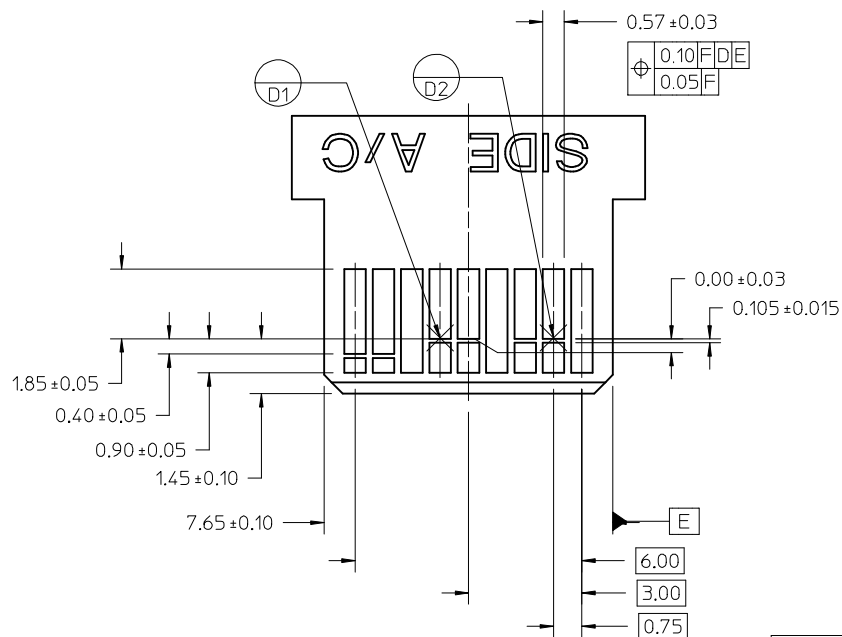
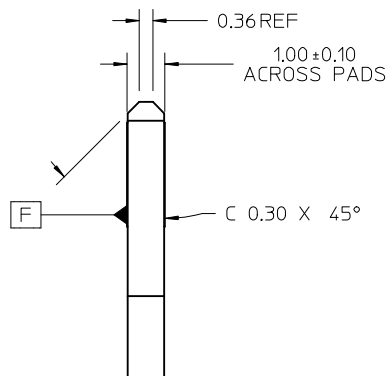
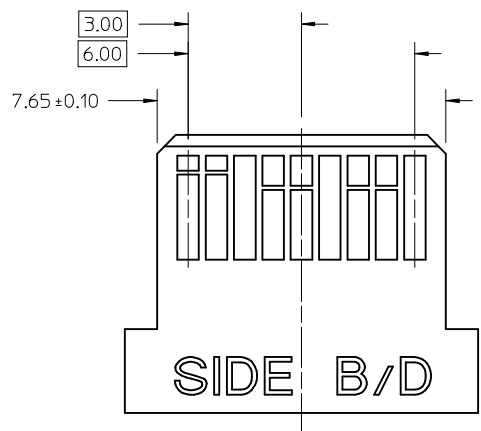
RECOMMENDED EXTRACTION TOOL
KEEP OUT AREA
NO COMPONENTS IN THESE AREAS



SEE SHEET 1 EC NO: UCP2013-1619 DRAWN BY: DRWNBINGHAM CHKD: 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 MOLEX INCORPORATED				
			2 PLACES	± 0.13	± ---								
			1 PLACE	± 0.25	± ---	SEE CHART		SD-76866-003					
			ANGULAR ±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					



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 DATE KLANG 2009/03/4		TITLE IPASS PLUS HD 1X4 ASSY		
			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.
ANGULAR ±1/2°										
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS			SIZE C		SEE CHART		SD-76866-003			
THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION										



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: DRWNBINGHAM 2012/10/25
CHKD: APPR: TMCLELL 2012/10/29
REV D5

QUALITY SYMBOLS
▽=0
▽=0

GENERAL TOLERANCES (UNLESS SPECIFIED)

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

DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS

DIMENSION STYLE
MM ONLY

DRAWN BY	DATE
KLANG	2009/03/4
CHECKED BY	DATE
APPROVED BY	DATE
MBANAKIS	2010/01/14

MATERIAL NO. SEE CHART

SCALE	DESIGN UNITS	THIRD ANGLE PROJECTION
10:1	METRIC	

TITLE
IPASS PLUS HD 1X4 ASSY

MOLEX INCORPORATED

DOCUMENT NO. SD-76866-003

SHEET NO. 7 OF 7

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