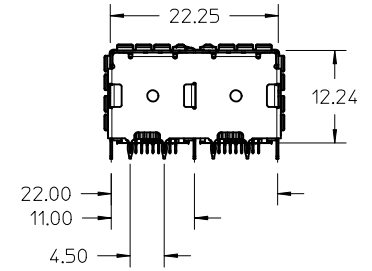
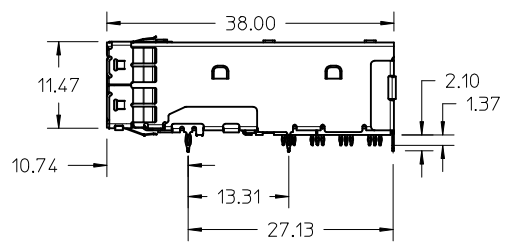
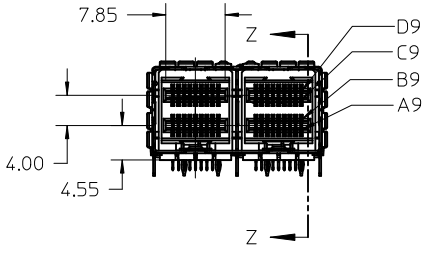


SECTION Z-Z

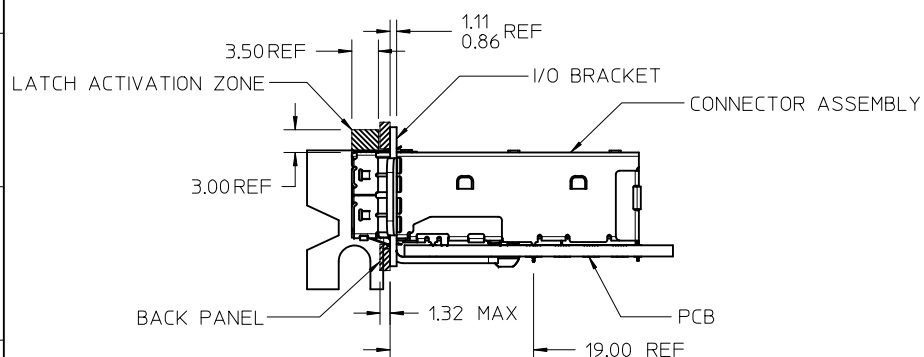


- NOTES:
- MATERIALS:  
CONNECTOR HOUSING: HIGH TEMPERATURE THERMOPLASTIC  
GLASS FILLED, UL 94V-0  
EMI CAGE: NICKEL SILVER ALLOY  
EMI FINGERS: COPPER ALLOY  
TERMINALS: COPPER ALLOY
  - FINISHES:  
EMI FINGERS: 0.50µM MIN NICKEL  
CONTACT AREA: 0.76µM MIN GOLD OVER 2.54µM MIN NIKEL  
TAIL AREA:  
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
  - PRODUCT SPECIFICATION: PS-76866-001
  - PACKAGING SPECIFICATION: PK-76866-001
  - MATES WITH: MOLEX CABLE SERIES 111068 & 111073
  - RECOMMENDED MOUNTING HARDWARE: M2X0.4 BUTTON HEAD SCREW  
MOUNTING SCREW LENGTH: PCB THICKNESS + 1.4MM MAX (0.9MM MIN)  
MOUNTING HARDWARE NOT SUPPLIED

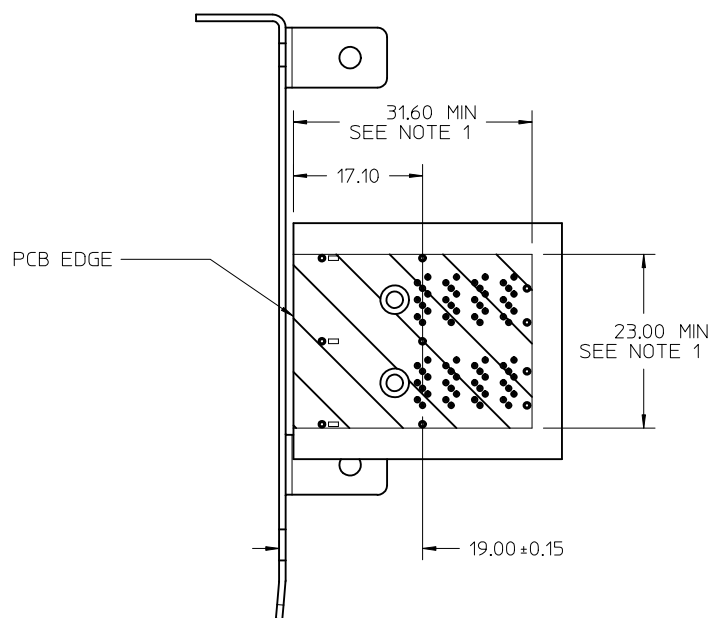
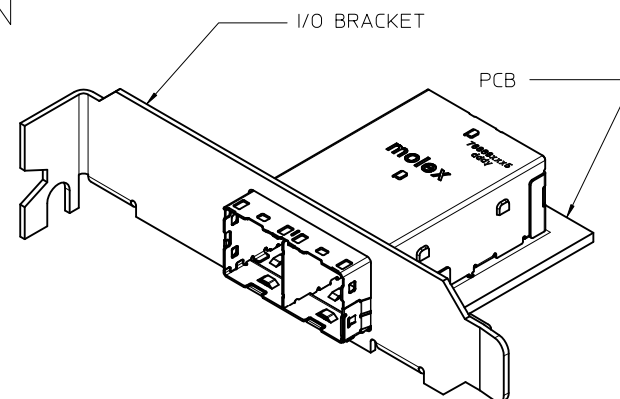
PLATING OPT.	MATERIAL NO.
OPTION 1	76866-0005
OPTION 2	76866-0015

REVISE CABLE SERIES EC NO: UCP2012-2232 DRW:KLANG 2012/01/17 CHKD: MBANAKIS APPR: MBANAKIS 2012/02/01	QUALITY SYMBOLS	GENERAL TOLERANCES (UNLESS SPECIFIED)	DIMENSION STYLE	SCALE	DESIGN UNITS	THIRD ANGLE PROJECTION															
	$\nabla=0$ $\nabla=0$	<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>± 0.13</td> <td>± ---</td> </tr> <tr> <td>1 PLACE</td> <td>± 0.25</td> <td>± ---</td> </tr> </table>		mm	INCH	4 PLACES	± ---	± ---	3 PLACES	± ---	± ---	2 PLACES	± 0.13	± ---	1 PLACE	± 0.25	± ---	MM ONLY	2:1	METRIC	
		mm	INCH																		
	4 PLACES	± ---	± ---																		
3 PLACES	± ---	± ---																			
2 PLACES	± 0.13	± ---																			
1 PLACE	± 0.25	± ---																			
		DRAWN BY: KLANG DATE: 2009/04/21 CHECKED BY: _____ DATE: _____ APPROVED BY: MBANAKIS DATE: 2010/01/14	TITLE: IPASS PLUS HD 1X2 ASSY MOLEX MOLEX INCORPORATED DOCUMENT NO. SD-76866-005																		
D2		DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS	SEE CHART SIZE: C	SHEET NO. 1 OF 7																	

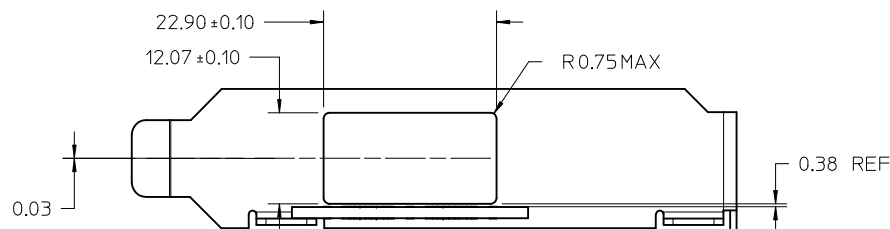
# PCI ADD-IN CARD APPLICATION



ASSEMBLED VIEW  
PCI ADD-IN CARD APPLICATION



PCI ADD-IN CARD APPLICATIONS



I/O BRACKET CUT OUT  
(BRACKET NOT INCLUDED)

NOTES:  
1. RECONNECTOR KEEPOUT AREA

SEE SHEET 1 EC NO: UCP2012-2232 DRW: KLKLANG 2012/01/17 CHKD: APPR: MBANAKIS 2012/02/01 REV:	QUALITY SYMBOLS	GENERAL TOLERANCES (UNLESS SPECIFIED)	DIMENSION STYLE <b>MM ONLY</b>	SCALE <b>2:1</b>	DESIGN UNITS <b>METRIC</b>	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>± ---</td> </tr> <tr> <td>1 PLACE</td> <td>± 0.25</td> <td>± ---</td> </tr> </tbody> </table> ANGULAR ±1/2°		mm	INCH	4 PLACES	± ---	± ---	3 PLACES	± ---	± ---	2 PLACES	± 0.13	± ---	1 PLACE	± 0.25	± ---	DRAWN BY: KLANG DATE: 2009/04/21 CHECKED BY:	TITLE: IPASS PLUS HD 1X2 ASSY		
		mm	INCH																		
	4 PLACES	± ---	± ---																		
3 PLACES	± ---	± ---																			
2 PLACES	± 0.13	± ---																			
1 PLACE	± 0.25	± ---																			
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS	APPROVED BY: MBANAKIS DATE: 2010/01/14 MATERIAL NO.:	MOLEX INCORPORATED DOCUMENT NO.: SD-76866-005			SHEET NO.: 2 OF 7																
D2	SIZE: C THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION																				

# ALL OTHER (M/B) APPLICATIONS

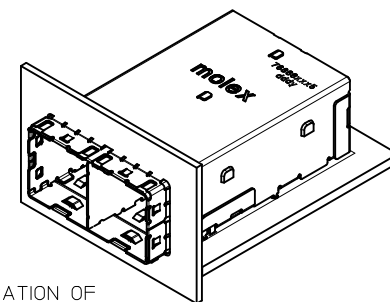
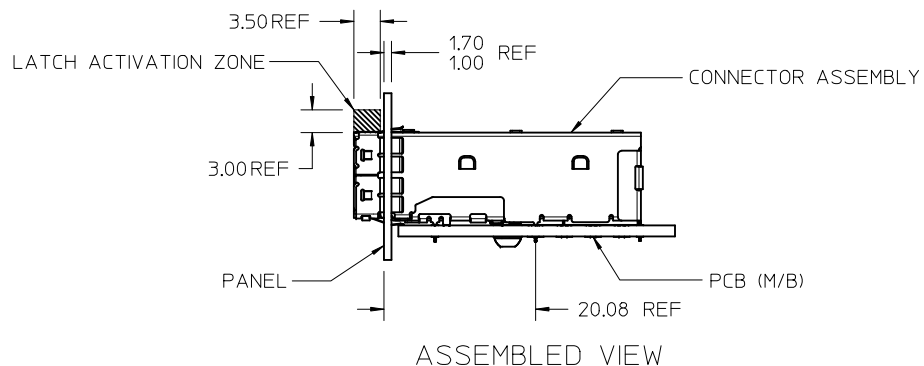
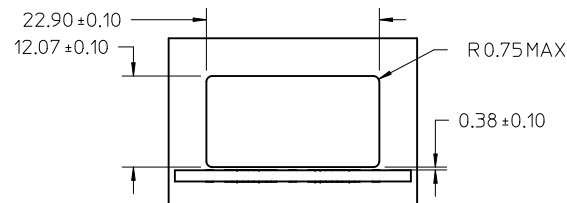
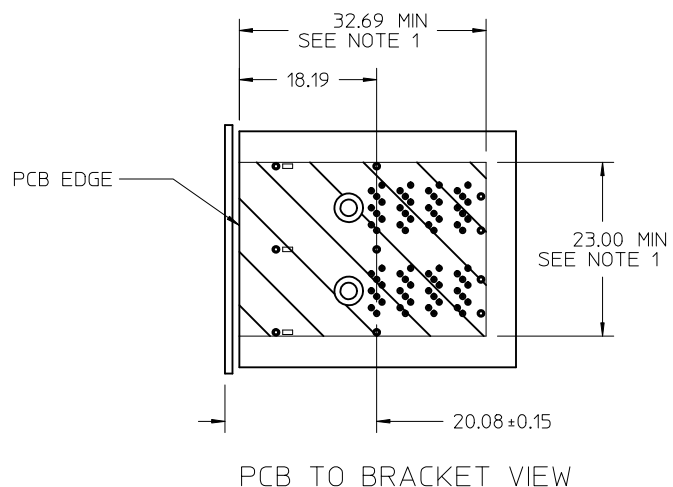


ILLUSTRATION OF ALL OTHER M/B BRACKET APPLICATION

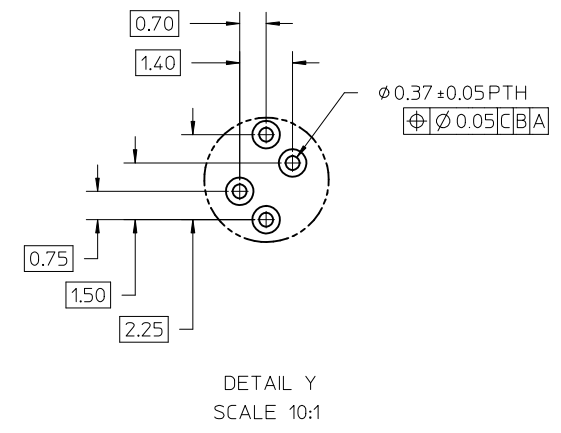
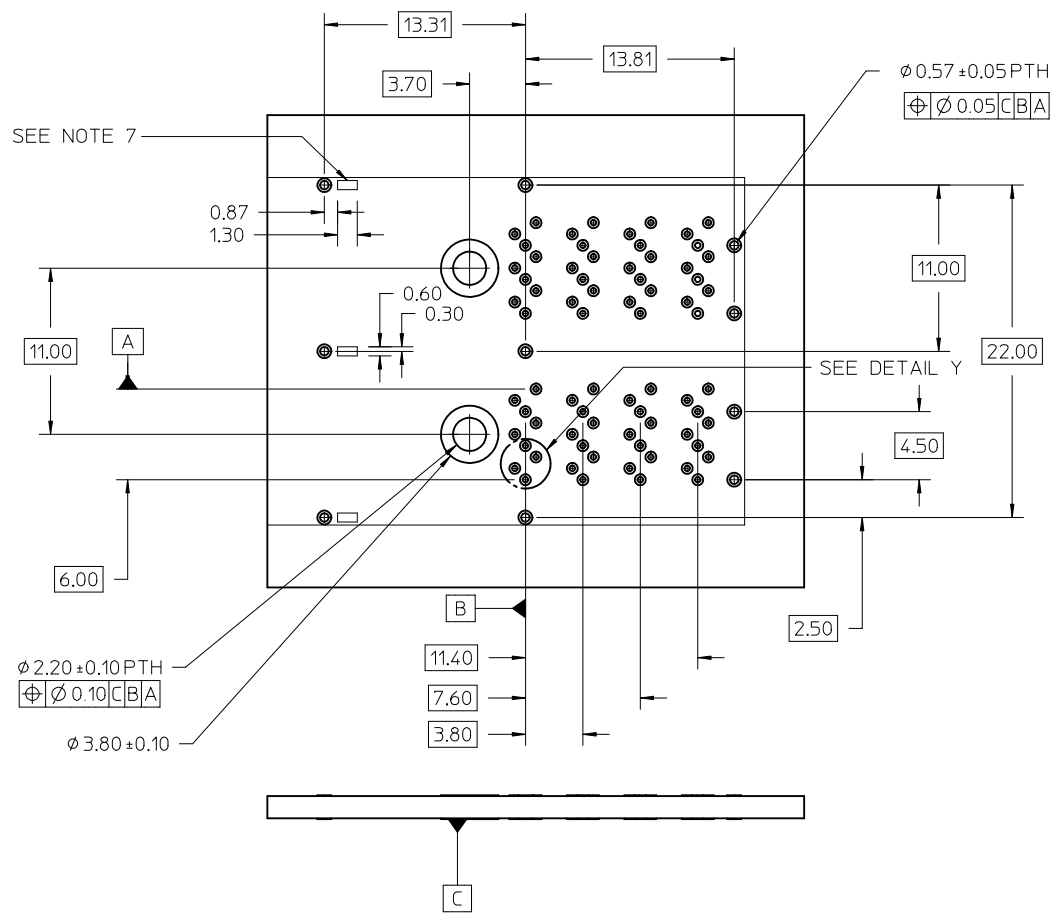


I/O BRACKET CUT OUT (BRACKET NOT SUPPLIED)

NOTES:  
1. CONNECTOR KEEPOUT AREA

SEE SHEET 1 EC NO: UCP2012-2232 DRW: KLANG 2012/01/17 CHKD: APPR: MBANAKIS 2012/02/01 REV:	QUALITY SYMBOLS	GENERAL TOLERANCES (UNLESS SPECIFIED)	DIMENSION STYLE <b>MM ONLY</b>	SCALE <b>2:1</b>	DESIGN UNITS <b>METRIC</b>	THIRD ANGLE PROJECTION
	▽=0	mm INCH	DRAWN BY DATE KLANG 2009/04/21	TITLE <b>IPASS PLUS HD 1X2 ASSY</b>		
	▽=0	4 PLACES ± --- ± ---	CHECKED BY DATE	APPROVED BY DATE MBANAKIS 2010/01/14		
	▽=0	3 PLACES ± --- ± ---	MATERIAL NO.		DOCUMENT NO.	
		2 PLACES ±0.13 ± ---	APPROVED BY DATE		MOLEX INCORPORATED	
		1 PLACE ±0.25 ± ---	MATERIAL NO.		SD-76866-005	
		ANGULAR ±1/2°	SIZE		SHEET NO.	
		DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS	SEE CHART		3 OF 7	
			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 FOR A 0.37 $\phi$  FINISHED PTH - REFER TO APPLICATION SPECIFICATION AS-76866-001
2. RECOMMENDED ANNULAR RING AROUND 0.37 $\phi$  FINISHED PTH IS 0.73 $\phi$
3. MINIMUM RECOMMENDED SPACING: 25.00MM
4. MINIMUM PCB THICKNESS: 1.57MM
5. RECOMMENDED DRILL SIZE FOR A 0.57 $\phi$  FINISHED PTH - REFER TO APPLICATION SPECIFICATION AS-76866-001
6. RECOMMENDED ANNULAR RING AROUND 0.57 $\phi$  FINISHED PTH IS 0.93 $\phi$
7. CAGE STAND OFF AREA, NO TRACES ON SURFACE OF PCB IN THESE AREAS

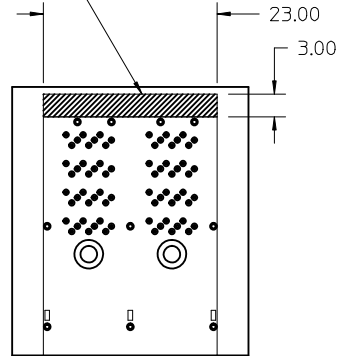
<b>SEE SHEET 1</b> EC NO: UCP2012-2232 DRW:KLANG 2012/01/17 CHKD: APPR:MBANAKIS 2012/02/01	QUALITY SYMBOLS $\nabla=0$ $\nabla=0$	GENERAL TOLERANCES (UNLESS SPECIFIED) <table border="1"> <tr> <th></th> <th>mm</th> <th>INCH</th> </tr> <tr> <td>4 PLACES</td> <td><math>\pm 0.13</math></td> <td><math>\pm 0.005</math></td> </tr> <tr> <td>3 PLACES</td> <td><math>\pm 0.25</math></td> <td><math>\pm 0.010</math></td> </tr> <tr> <td>2 PLACES</td> <td><math>\pm 0.50</math></td> <td><math>\pm 0.020</math></td> </tr> <tr> <td>1 PLACE</td> <td><math>\pm 1.27</math></td> <td><math>\pm 0.050</math></td> </tr> </table>		mm	INCH	4 PLACES	$\pm 0.13$	$\pm 0.005$	3 PLACES	$\pm 0.25$	$\pm 0.010$	2 PLACES	$\pm 0.50$	$\pm 0.020$	1 PLACE	$\pm 1.27$	$\pm 0.050$	DIMENSION STYLE <b>MM ONLY</b>	SCALE <b>4:1</b>	DESIGN UNITS <b>METRIC</b>	THIRD ANGLE PROJECTION
		mm	INCH																		
	4 PLACES	$\pm 0.13$	$\pm 0.005$																		
	3 PLACES	$\pm 0.25$	$\pm 0.010$																		
2 PLACES	$\pm 0.50$	$\pm 0.020$																			
1 PLACE	$\pm 1.27$	$\pm 0.050$																			
DESCRIPTION <b>D2</b>	DRAWN BY KLANG	DATE 2009/04/21	TITLE <b>IPASS PLUS HD 1X2 ASSY</b>																		
	CHECKED BY	DATE	APPROVED BY MBANAKIS	DATE 2010/01/14	MOLEX INCORPORATED																
			MATERIAL NO. <b>SEE CHART</b>	DOCUMENT NO. <b>SD-76866-005</b>	SHEET NO. <b>4 OF 7</b>																

DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS

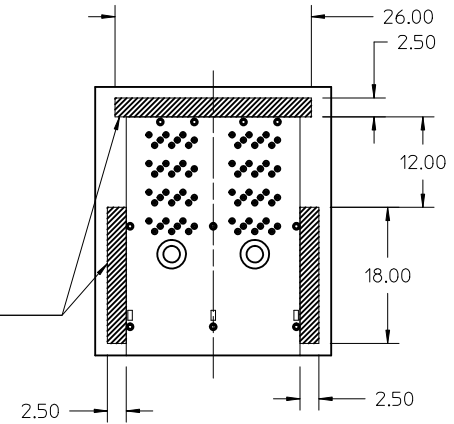
THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION

# RECOMMENDED TOOLING KEEP OUT AREAS

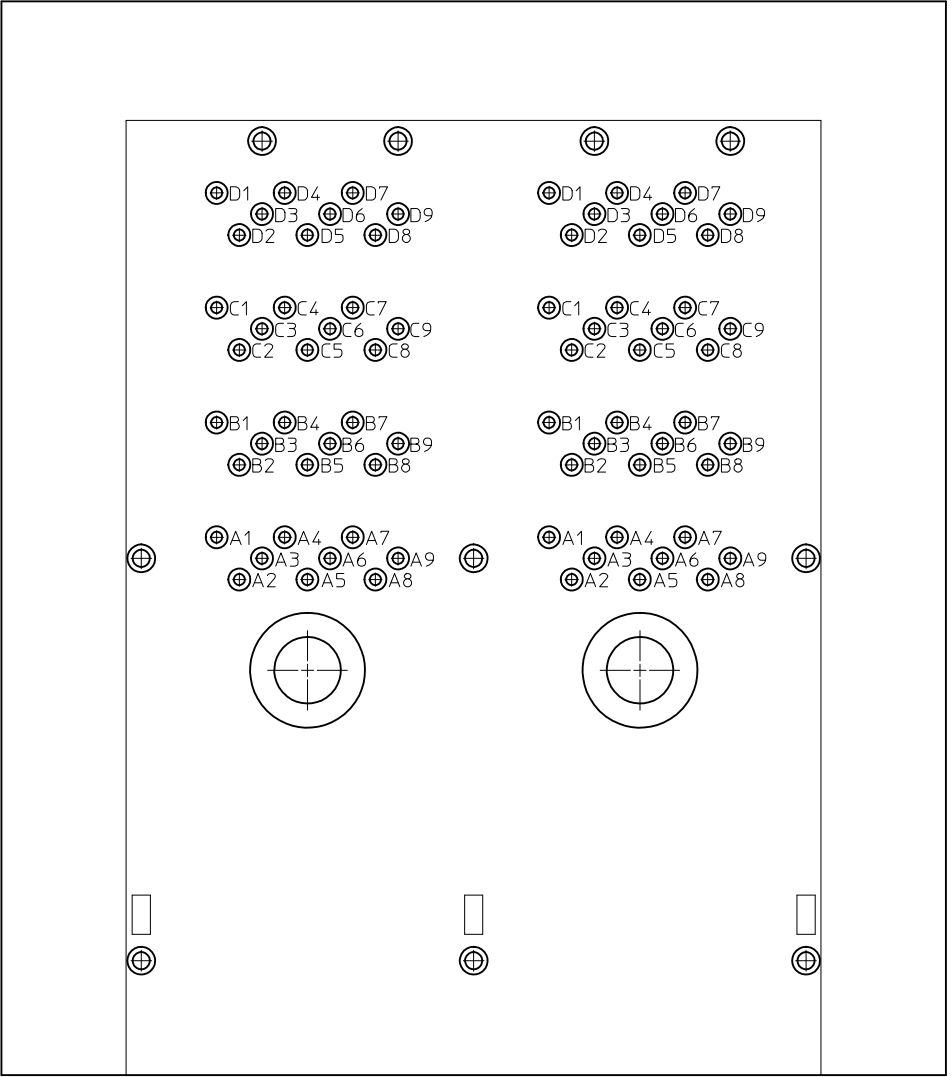
RECOMMENDED INSERTION TOOL  
KEEP OUT AREA  
NO COMPONENTS IN THIS AREA  
MORE THAN 7.50 mm TALL



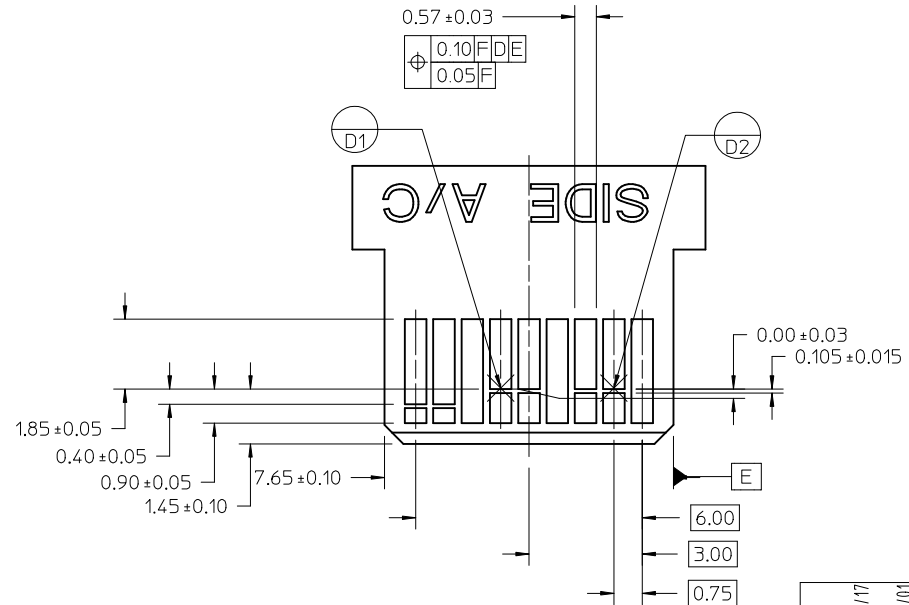
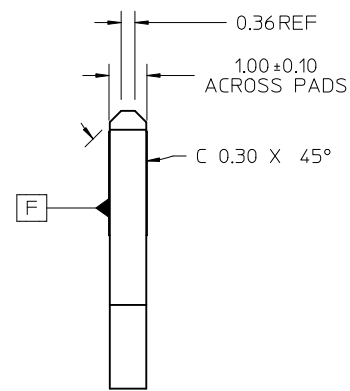
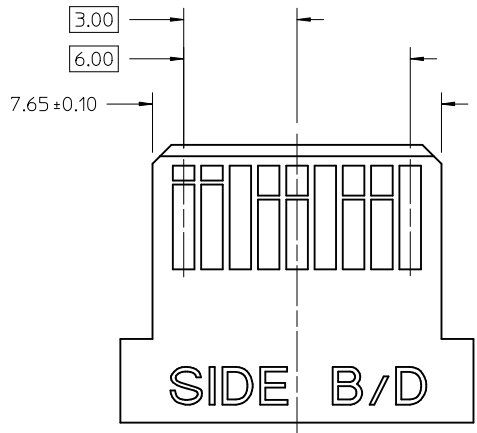
RECOMMENDED EXTRACTION TOOL  
KEEP OUT AREA  
NO COMPONENTS IN THESE AREAS



SEE SHEET 1 EC NO: UCP2012-2232 DRAWN BY: DRWINKLANG CHKD: MBANAKIS APPR: MBANAKIS	DESCRIPTION 2012/02/01	QUALITY SYMBOLS	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE	SCALE	DESIGN UNITS	THIRD ANGLE PROJECTION			
		$\nabla = 0$ $\nabla = 0$ $\nabla = 0$			MM ONLY	2:1	METRIC				
			4 PLACES	$\pm$ ---	$\pm$ ---	DRAWN BY	DATE	TITLE IPASS PLUS HD 1X2 ASSY			
			3 PLACES	$\pm$ ---	$\pm$ ---	KLANG	2009/04/21				
2 PLACES	$\pm 0.13$	$\pm$ ---	CHECKED BY	DATE	APPROVED BY DATE MBANAKIS 2010/01/14						
1 PLACE	$\pm 0.25$	$\pm$ ---							MATERIAL NO. DOCUMENT NO. SD-76866-005		
ANGULAR $\pm 1/2^\circ$			DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		SIZE	THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION					
D2	REV				SEE CHART	SHEET NO. 5 OF 7					



SEE SHEET 1 EC NO: UCP2012-2232 DRW: KLANG 2012/01/17 CHKD: MBANAKIS APPR: MBANAKIS 2012/02/01	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>± .005</td> <td>± .0004</td> </tr> <tr> <td>3 PLACES</td> <td>± .008</td> <td>± .0003</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	± .005	± .0004	3 PLACES	± .008	± .0003	2 PLACES	± 0.13	± .005	1 PLACE	± 0.25	± .010	DIMENSION STYLE <b>MM ONLY</b> DRAWN BY: KLANG DATE: 2009/04/21 CHECKED BY: DATE:	SCALE: 8:1 DESIGN UNITS: METRIC THIRD ANGLE PROJECTION	TITLE: IPASS PLUS HD 1X2 ASSY
		mm	INCH																	
	4 PLACES	± .005	± .0004																	
	3 PLACES	± .008	± .0003																	
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1 PLACE	± 0.25	± .010																		
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS	APPROVED BY: MBANAKIS DATE: 2010/01/14 MATERIAL NO.	MOLEX INCORPORATED DOCUMENT NO. SD-76866-005	SHEET NO. 6 OF 7																	
DZ	REV:	SEE CHART	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: UCP2012-2232 DRAWN BY: DRWINKLANG 2012/01/17 CHKD: APPR: MBANAKIS 2012/02/01	QUALITY SYMBOLS	GENERAL TOLERANCES (UNLESS SPECIFIED)	DIMENSION STYLE	SCALE	DESIGN UNITS	THIRD ANGLE PROJECTION
	▼=0 ▽=0	mm INCH	MM ONLY	10:1	METRIC	
D2	DESCRIPTION	4 PLACES ± --- ± --- 3 PLACES ± --- ± --- 2 PLACES ± 0.13 ± --- 1 PLACE ± 0.25 ± --- ANGULAR ± 1/2°	DRAWN BY: KLANG DATE: 2009/04/21 CHECKED BY: _____ DATE: _____	TITLE: IPASS PLUS HD 1X2 ASSY		
		DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS	APPROVED BY: MBANAKIS DATE: 2010/01/14	MOLEX INCORPORATED DOCUMENT NO. SD-76866-005 SHEET NO. 7 OF 7		
		SIZE	THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION			