

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: 0.76µM-1.52µM OVER 2.54µM MIN NICKEL

3. PRODUCT SPECIFICATION: PS-76866-001

4. PACKAGING SPECIFICATION: PK-76866-001

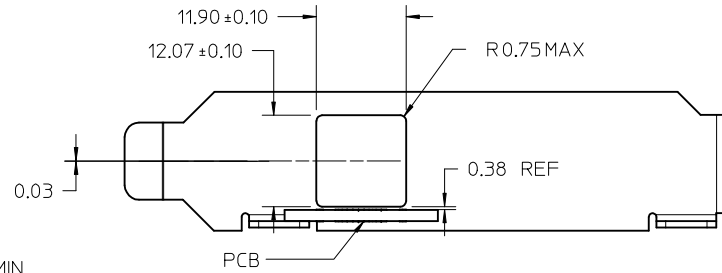
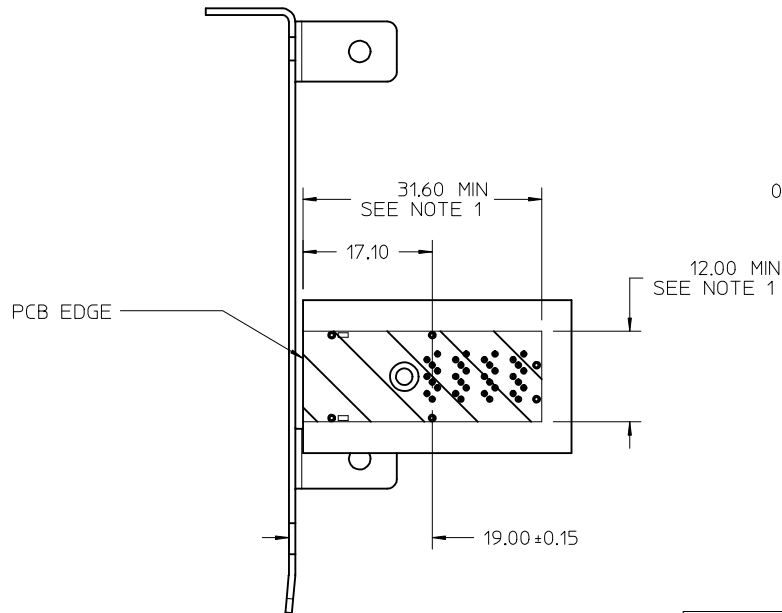
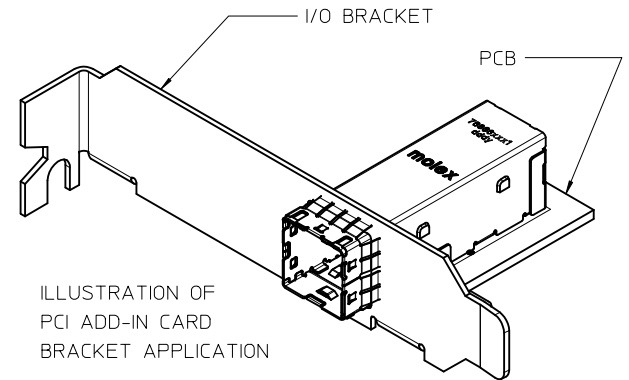
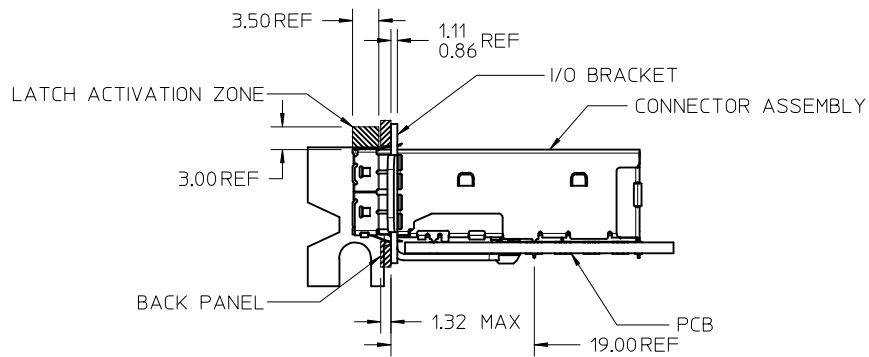
5. MATES WITH: MOLEX CABLE SERIES 111068

6. RECOMMENDED MOUNTING HARDWARE: REFER TO APPLICATION SPECIFICATION
AS-76866-001

7. PLUG MODULE PCB LAYOUT REFER TO SD-76866-9900

REV'D NOTES IEC NO: UCP2015-5060 DRINKCALLAGHAN 2015/06/01 CHKD:TMCCLELLAND 2015/06/03 APPR:TMCCLELL 2015/06/18	DESCRIPTION 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 ± 0.13 ± --- 1 PLACE ± 0.25 ± ---	mm INCH DRAWN BY DATE KLANG 2009/03/04 CHECKED BY DATE TMCCLELLAND 2010/01/14 APPROVED BY DATE MBANAKIS 2010/01/14	TITLE IPASS PLUS HD 1X1 ASSEMBLY				
		ANGULAR ± 1/2°	MATERIAL NO. 76866-0011	MOLEX INCORPORATED				
		DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS	SIZE C	DOCUMENT NO. SD-76866-001	SHEET NO. 1 OF 6			

PCI ADD-IN CARD APPLICATION



NOTES:
1. CONNECTOR KEEP OUT AREA

SEE SHEET 1 EC NO: UCP2015-5060 DRW: KCALLAGHAN 2015/06/01 CHKD: TMCCLELLAND 2015/06/03 APPR: TMCCLELL 2015/06/18	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>± ---</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>		mm	INCH	4 PLACES	± ---	± ---	3 PLACES	± ---	± ---	2 PLACES	± 0.13	± ---	1 PLACE	± 0.25	± ---	DIMENSION STYLE MM ONLY DRAWN BY DATE KLANG 2009/03/04 CHECKED BY DATE TMCCLELLAND 2010/01/14 APPROVED BY DATE MBANAKIS 2010/01/14 MATERIAL NO.	SCALE 2:1 TITLE IPASS PLUS HD 1X1 ASSEMBLY	DESIGN UNITS METRIC THIRD ANGLE PROJECTION	MOLEX INCORPORATED DOCUMENT NO. SD-76866-001 SHEET NO. 2 OF 6
		mm	INCH																		
	4 PLACES	± ---	± ---																		
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DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS	SEE SHEET 1	THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION																			
D4	REV	SIZE C																			
SEE SHEET 1	REV	SIZE C																			

ALL OTHER M/B APPLICATIONS

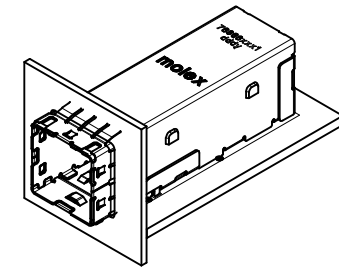
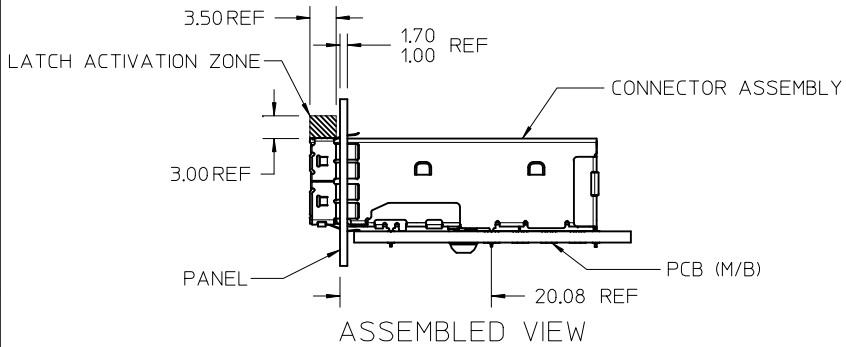
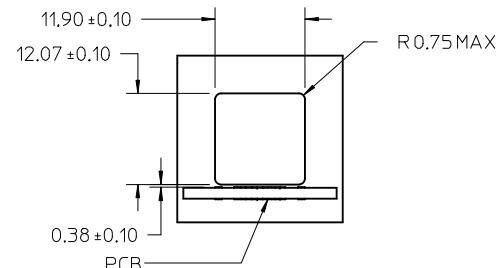
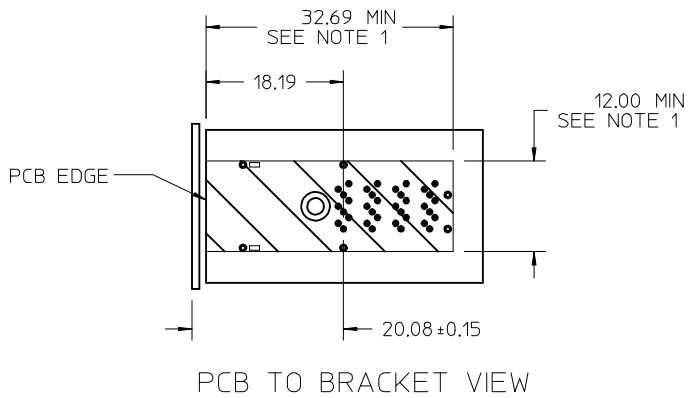


ILLUSTRATION OF ALL OTHER M/B BRACKET APPLICATION

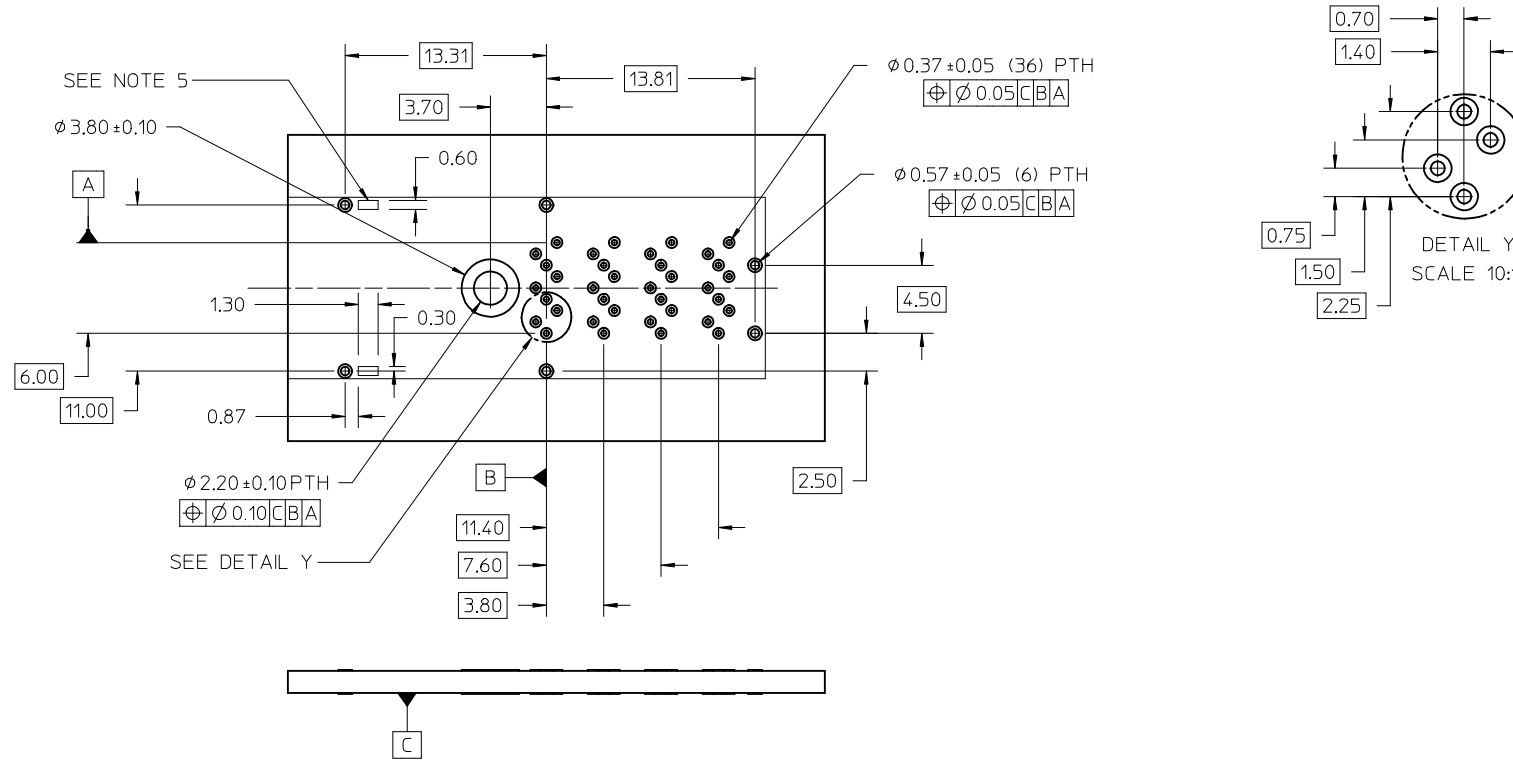


I/O BRACKET CUT OUT (BRACKET NOT SUPPLIED)

NOTES:
1. CONNECTOR KEEP OUT AREA

SEE SHEET 1 EC NO: UCP2015-5060 DRW:KCALLAGHAN 2015/06/01 CHKD:TMCCLELLAND 2015/06/03 APPR:TMCCLELL 2015/06/18	QUALITY SYMBOLS ▽=0 ▽=0 ▽=0	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE MM ONLY	SCALE 2:1	DESIGN UNITS METRIC	THIRD ANGLE PROJECTION	
		4 PLACES ± --- ± ---	DRAWN BY KLANG	DATE 2009/03/04	TITLE IPASS PLUS HD 1X1 ASSEMBLY			
		3 PLACES ± --- ± ---	CHECKED BY TMCCLELLAND	DATE 2010/01/14	APPROVED BY MBANAKIS			
		2 PLACES ± 0.13 ± ---	MATERIAL NO. SEE SHEET 1		DATE 2010/01/14	MOLEX INCORPORATED		SHEET NO. 3 OF 6
1 PLACE ± 0.25 ± ---	ANGULAR ± 1/2°		DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		DOCUMENT NO. SD-76866-001			
D4	REV	SIZE C		THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION				

RECOMMENDED FOOTPRINT



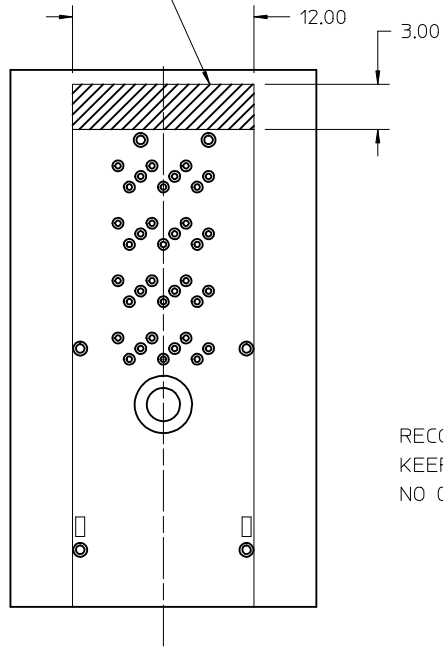
NOTES:

1. RECOMMENDED DRILL SIZE AND ANNULAR RING FOR A 0.37ϕ 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 0.57ϕ FINISHED PTH - REFER TO APPLICATION SPECIFICATION AS-76866-001
5. CAGE STAND OFF AREA, NO TRACES ON SURFACE OF PCB IN THESE AREAS

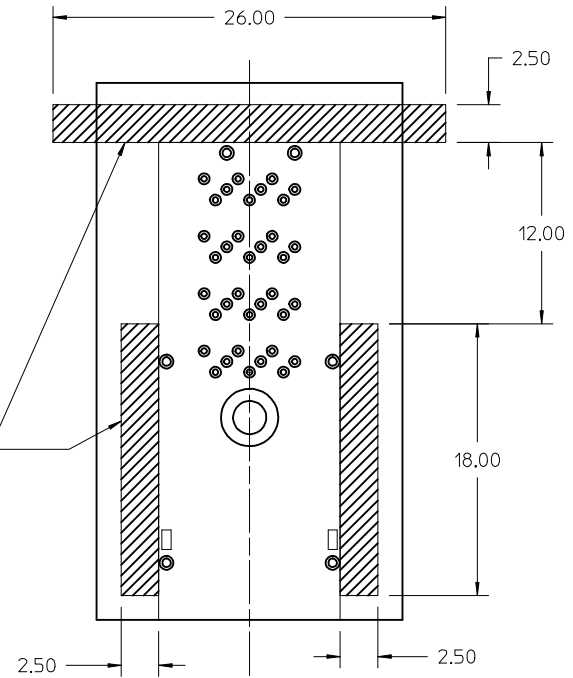
SEE SHEET 1 EC NO: UCP2015-5060 DRWN:KCALLAGHAN 2015/06/01 CHKD:TMCCLELLAND 2015/06/03 APPR:TMCCLELL 2015/06/18	QUALITY SYMBOLS ▼=0 ▽=0	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE MM ONLY	SCALE 4:1	DESIGN UNITS METRIC	THIRD ANGLE PROJECTION		
		4 PLACES ± --- ± ---	3 PLACES ± --- ± ---	DRAWN BY KLANG	DATE 2009/03/04	TITLE IPASS PLUS HD 1X1 ASSEMBLY			
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		ANGULAR ± 1/2°		MATERIAL NO. SEE SHEET 1	DATE 2010/01/14	MOLEX INCORPORATED		DOCUMENT NO. SD-76866-001	SHEET NO. 4 OF 6
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 TOOLING KEEP OUT AREAS

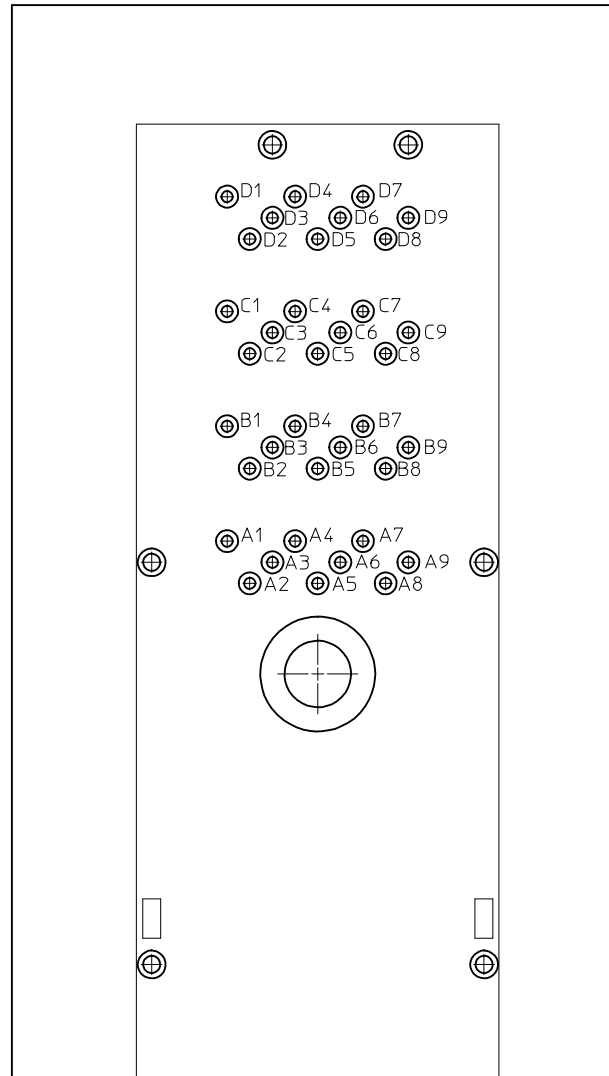
RECOMMENDED INSERTION TOOL
KEEP OUT AREA
NO COMPONENTS IN THIS AREA
MORE THAN 7.50 mm TALL



RECOMMENDED EXTRACTION TOOL
KEEP OUT AREA
NO COMPONENTS IN THESE AREAS



SEE SHEET 1 EC NO: UCP2015-5060 DRWN: KALLAGHAN 2015/06/01 CHKD: TMCCLELLAND 2015/06/03 APPR: TMCCLELL 2015/06/18	DESCRIPTION REV	QUALITY SYMBOLS	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE MM ONLY		SCALE 4:1	DESIGN UNITS METRIC	THIRD ANGLE PROJECTION	
		▽=0	mm	INCH	DRAWN BY KLANG	DATE 2009/03/04	TITLE IPASS PLUS HD 1X1 ASSEMBLY			
		▽=0	4 PLACES ± ---	± ---	CHECKED BY TMCCLELLAND	DATE 2010/01/14				
		▽=0	3 PLACES ± ---	± ---	APPROVED BY MBANAKIS		DATE 2010/01/14	MOLEX INCORPORATED DOCUMENT NO.		SHEET NO.
		2 PLACES ± 0.13	± ---	SEE SHEET 1 SIZE C		SD-76866-001		5 OF 6		
		1 PLACE ± 0.25	± ---	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				
		ANGULAR ± 1/2°								



CIRCUIT IDENTIFICATION

SEE SHEET 1 EC NO: UCP2015-5060 DRWNKCALLAGHAN 2015/06/01 CHKD:TMCCLELLAND 2015/06/03 APPR:TMCCLELL 2015/06/18	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>± .0002</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>		mm	INCH	4 PLACES	± .005	± .0002	3 PLACES	± .008	± .0003	2 PLACES	± 0.13	± .005	1 PLACE	± 0.25	± .010	DIMENSION STYLE MM ONLY DRAWN BY DATE KLANG 2009/03/04 CHECKED BY DATE TMCCLELLAND 2010/01/14 APPROVED BY DATE MBANAKIS 2010/01/14	SCALE 8:1 DESIGN UNITS METRIC THIRD ANGLE PROJECTION	TITLE IPASS PLUS HD 1X1 ASSEMBLY
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MATERIAL NO. SEE SHEET 1	MOLEX INCORPORATED	SHEET NO. 6 OF 6																		
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REV D4																				