

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

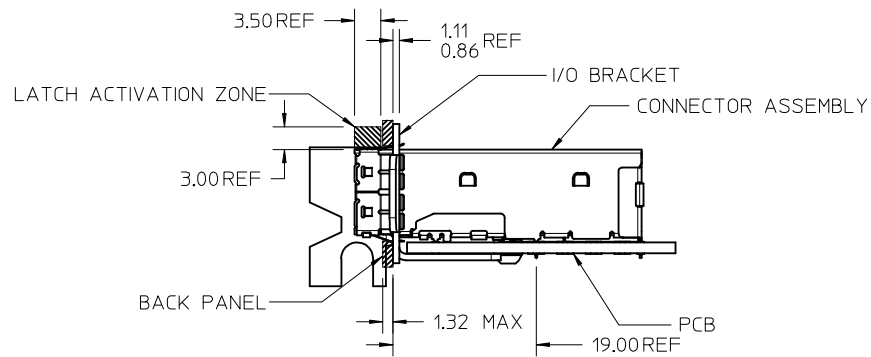
5. MATES WITH: MOLEX CABLE SERIES 111068

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

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

<b>REV'D NOTES</b> IEC NO: UCP2015-5060 DRINKCALLAGHAN 2015/06/01 CHKD:TMCCLELLAND 2015/06/03 APPR:TMCCLELL 2015/06/18	DESCRIPTION REV D4	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>± 0.15</td> <td>± 0.006</td> </tr> <tr> <td>3 PLACES</td> <td>± 0.25</td> <td>± 0.010</td> </tr> <tr> <td>2 PLACES</td> <td>± 0.38</td> <td>± 0.015</td> </tr> <tr> <td>1 PLACE</td> <td>± 0.51</td> <td>± 0.020</td> </tr> </tbody> </table>		mm	INCH	4 PLACES	± 0.15	± 0.006	3 PLACES	± 0.25	± 0.010	2 PLACES	± 0.38	± 0.015	1 PLACE	± 0.51	± 0.020	DIMENSION STYLE <b>MM ONLY</b> DRAWN BY DATE KLANG 2009/03/04 CHECKED BY DATE TMCCLELLAND 2010/01/14 APPROVED BY DATE MBANAKIS 2010/01/14	SCALE <b>2:1</b> DESIGN UNITS <b>METRIC</b> THIRD ANGLE PROJECTION	TITLE <b>IPASS PLUS HD 1X1 ASSEMBLY</b>
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MATERIAL NO. <b>76866-0011</b>		MOLEX INCORPORATED		SHEET NO. <b>1 OF 6</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																			
		DOCUMENT NO. <b>SD-76866-001</b>																			

# PCI ADD-IN CARD APPLICATION



ASSEMBLED VIEW

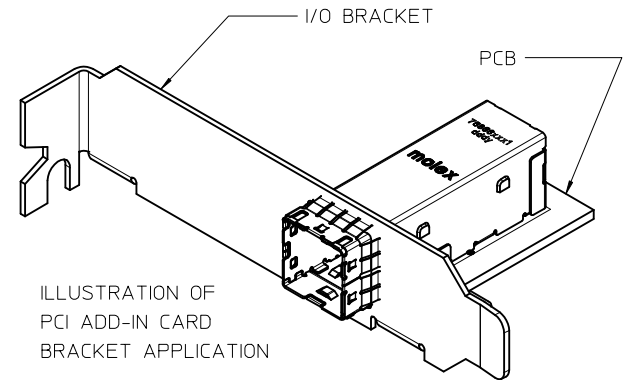
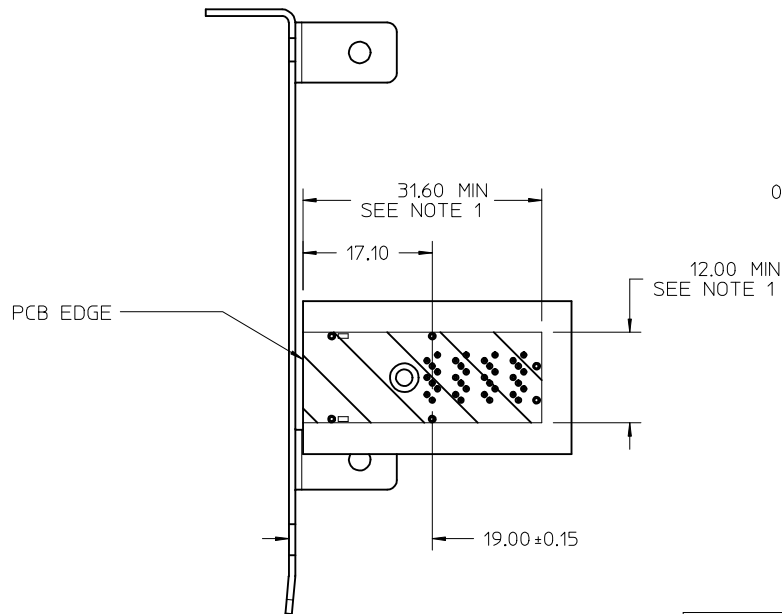
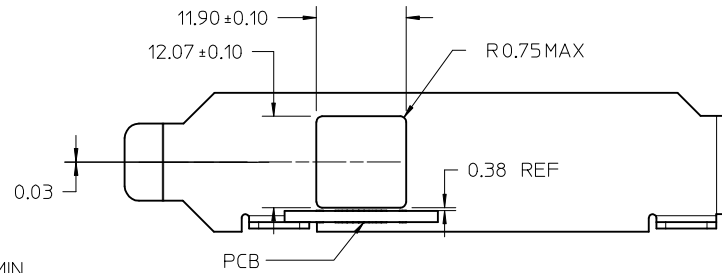


ILLUSTRATION OF  
PCI ADD-IN CARD  
BRACKET APPLICATION



PCB TO BRACKET VIEW



I/O BRACKET CUT OUT  
(BRACKET NOT SUPPLIED)

NOTES:  
1. CONNECTOR KEEP OUT AREA

SEE SHEET 1 EC NO: UCP2015-5060 DRWNK: CALLAGHAN 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 <b>MM ONLY</b> DRAWN BY DATE KLANG 2009/03/04 CHECKED BY DATE TMCCLELLAND 2010/01/14 APPROVED BY DATE MBANAKIS 2010/01/14	SCALE <b>2:1</b> TITLE IPASS PLUS HD 1X1 ASSEMBLY	DESIGN UNITS METRIC THIRD ANGLE PROJECTION
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MATERIAL NO. SEE SHEET 1	DOCUMENT NO. SD-76866-001	SHEET NO. 2 OF 6																		
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D4	REV																			

# ALL OTHER M/B APPLICATIONS

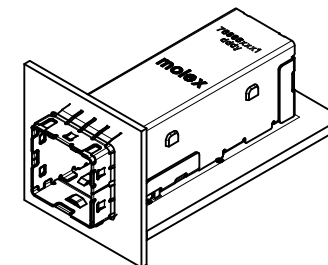
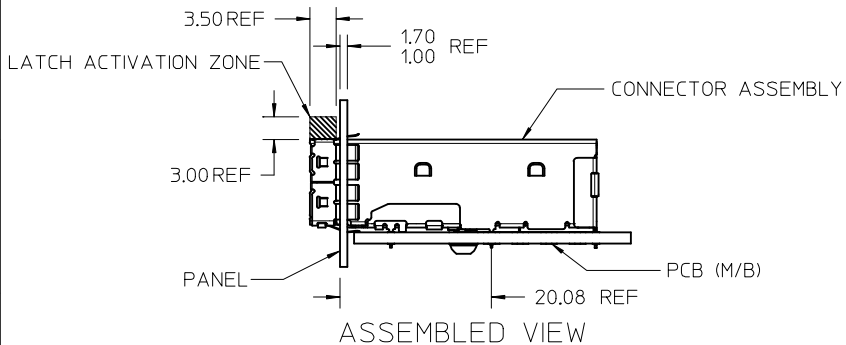
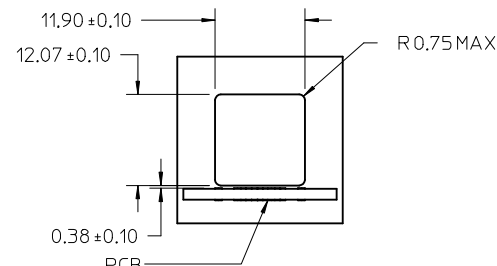
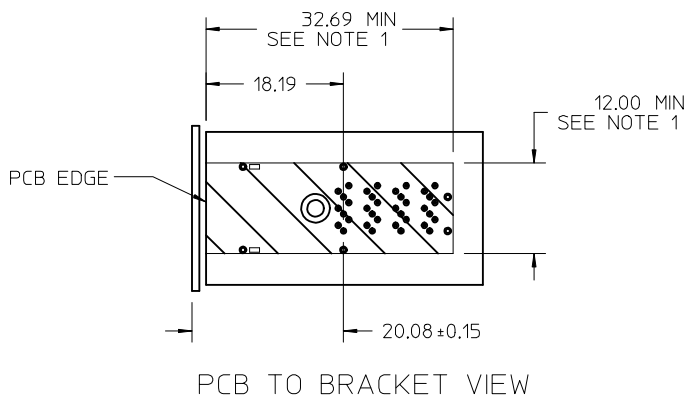


ILLUSTRATION OF ALL OTHER M/B BRACKET APPLICATION

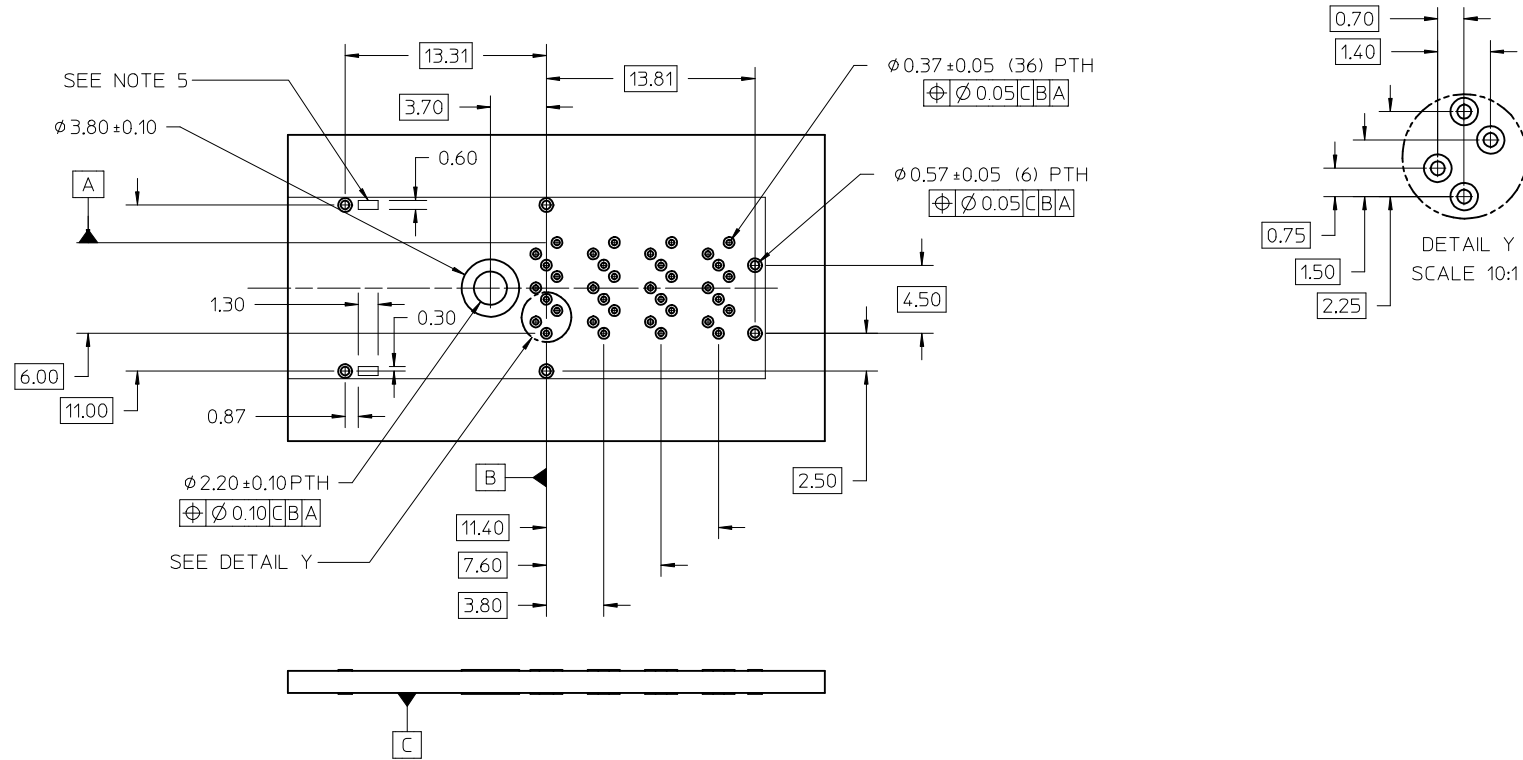


I/O BRACKET CUT OUT (BRACKET NOT SUPPLIED)

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 <b>MM ONLY</b>	SCALE <b>2:1</b>	DESIGN UNITS <b>METRIC</b>	THIRD ANGLE PROJECTION		
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		2 PLACES ± 0.13 ± ---	APPROVED BY MBANAKIS	DATE 2010/01/14	MATERIAL NO. SEE SHEET 1	DOCUMENT NO. SD-76866-001	SHEET NO. 3 OF 6		
1 PLACE ± 0.25 ± ---	ANGULAR ± 1/2°		THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION						
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS									

# RECOMMENDED FOOTPRINT



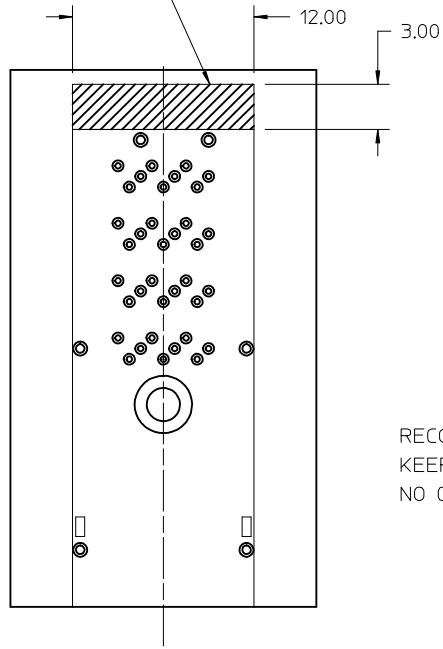
## NOTES:

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

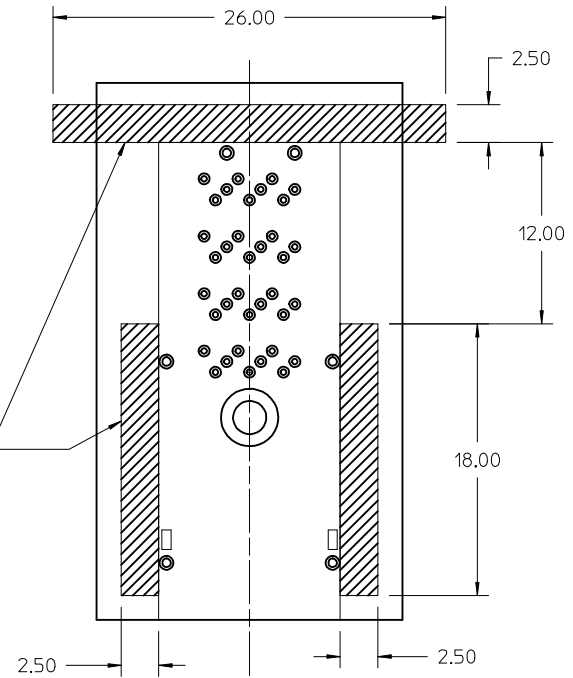
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D4	REV	4 PLACES ± --- ± ---		CHECKED BY TMCCLELLAND	DATE 2010/01/14	MATERIAL NO. <b>SEE SHEET 1</b>		
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		1 PLACE ± 0.25 ± ---		THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION				
		ANGULAR ± 1/2°		DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS				

# RECOMMENDED TOOLING KEEP OUT AREAS

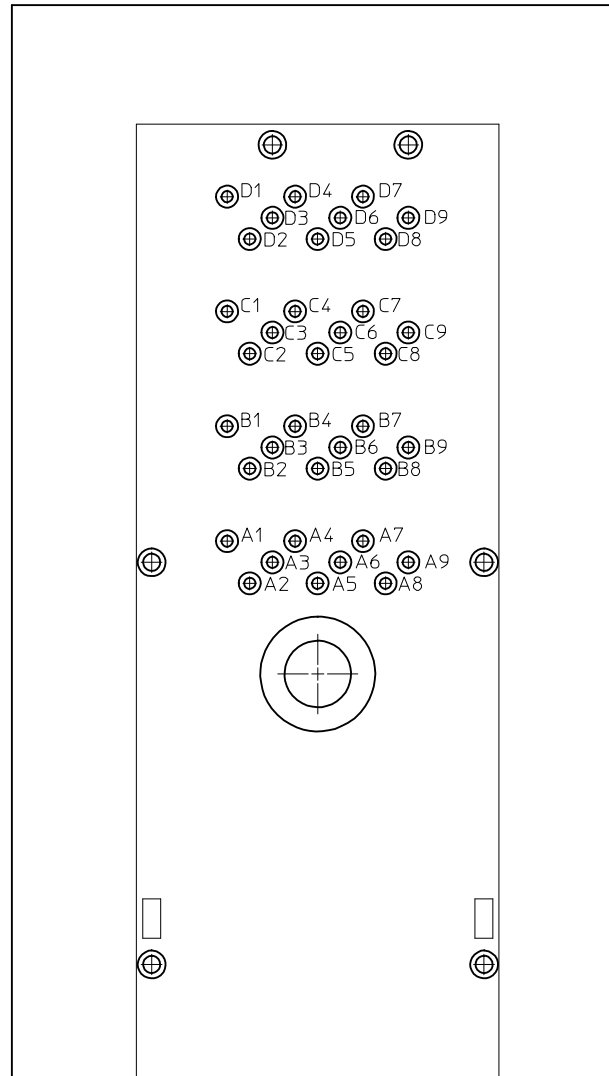
RECOMMENDED INSERTION TOOL  
KEEP OUT AREA  
NO COMPONENTS IN THIS AREA  
MORE THAN 7.50 mm TALL



RECOMMENDED EXTRACTION TOOL  
KEEP OUT AREA  
NO COMPONENTS IN THESE AREAS



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			SIZE C	SHEET NO. 5 OF 6																	
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### CIRCUIT IDENTIFICATION

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