



Chipsmall Limited consists of a professional team with an average of over 10 year of expertise in the distribution of electronic components. Based in Hongkong, we have already established firm and mutual-benefit business relationships with customers from,Europe,America and south Asia,supplying obsolete and hard-to-find components to meet their specific needs.

With the principle of "Quality Parts,Customers Priority,Honest Operation,and Considerate Service",our business mainly focus on the distribution of electronic components. Line cards we deal with include Microchip,ALPS,ROHM,Xilinx,Pulse,ON,Everlight and Freescale. Main products comprise IC,Modules,Potentiometer,IC Socket,Relay,Connector.Our parts cover such applications as commercial,industrial, and automotives areas.

We are looking forward to setting up business relationship with you and hope to provide you with the best service and solution. Let us make a better world for our industry!



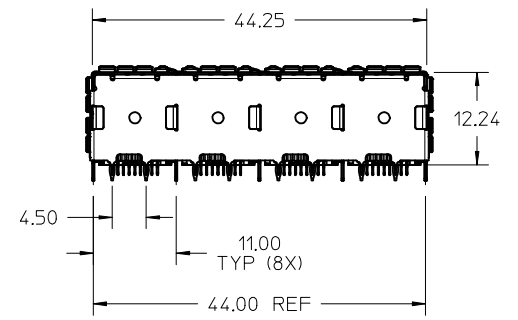
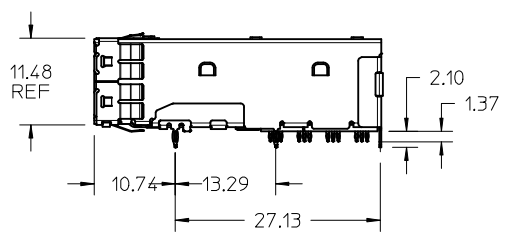
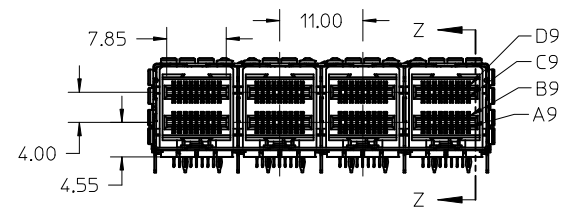
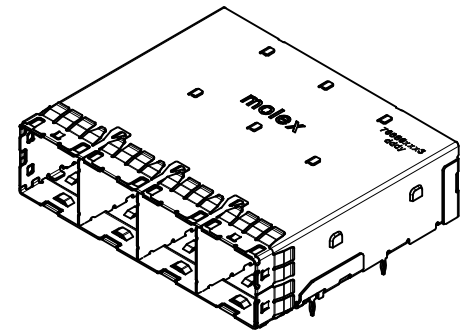
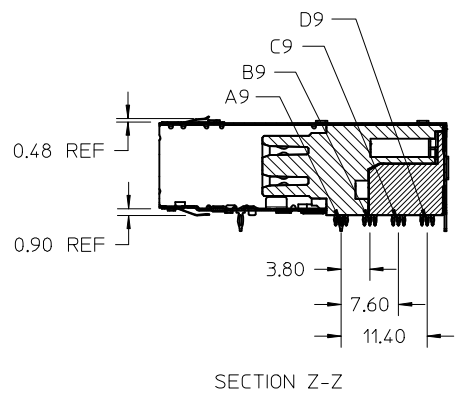
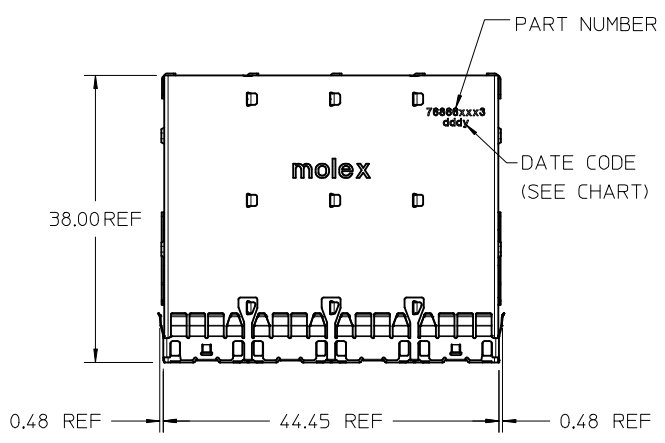
## Contact us

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Email & Skype: info@chipsmall.com Web: www.chipsmall.com

Address: A1208, Overseas Decoration Building, #122 Zhenhua RD., Futian, Shenzhen, China



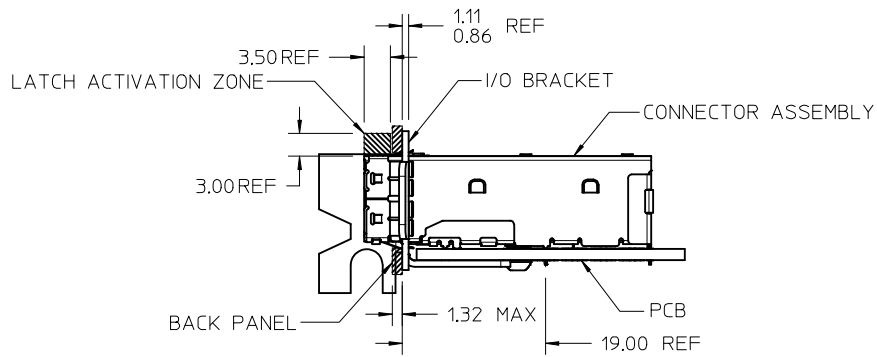


- NOTES:
- MATERIALS:
    - CONNECTOR HOUSING: HIGH TEMPERATURE THERMOPLASTIC GLASS FILLED, UL 94V-0
    - EMI CAGE: NICKEL SILVER ALLOY
    - EMI CAGE BASE: STAINLESS STEEL
    - EMI FINGERS: COPPER ALLOY
    - TERMINALS: COPPER ALLOY
  - FINISHES:
    - EMI FINGERS: 0.50µM MIN NICKEL
    - CONTACT AREA: 0.76µM MIN GOLD OVER 2.54µM MIN NICKEL
    - TAIL AREA: 0.76µM-1.52µM TIN 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: REFER TO APPLICATION SPECIFICATION AS-76866-001
  - PLUG MODULE PCB LAYOUT REFER TO SD-76866-9900

MEXICO	DDDY
CHINA	MSHDDDY
MANUFACTURING LOCATION	DATE CODE

ADDED PF NUT CAGE EC NO: UCP2016-0275 DRWN:TMCCLELL 2016/01/19 CHKD:TMCCLELLAND 2016/07/06 APPR:SMILLER 2016/07/06	QUALITY SYMBOLS	GENERAL TOLERANCES (UNLESS SPECIFIED)	DIMENSION STYLE	SCALE	DESIGN UNITS	THIRD ANGLE PROJECTION
	▽=0	mm INCH	MM ONLY	2:1	METRIC	☉
	▽=0	4 PLACES ± --- ± ---	DRAWN BY DATE	TITLE	IPASS PLUS HD 1X4 ASSY	
	▽=0	3 PLACES ± --- ± ---	KLANG 2009/03/4			
REV	DESCRIPTION	1 PLACE ± 0.13 ± ---	CHECKED BY DATE	molex DOCUMENT NO. SD-76866-003 SHEET NO. 1 OF 6		
		2 PLACES ± 0.25 ± ---	TMCCLELLAND 2010/01/14			
		0 PLACE ± ±	APPROVED BY DATE	THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION		
		ANGULAR ±1/2°	MBANAKIS 2010/01/14			
		DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS	MATERIAL NO.			
			76866-0013			

# PCI ADD-IN CARD APPLICATION



ASSEMBLED VIEW

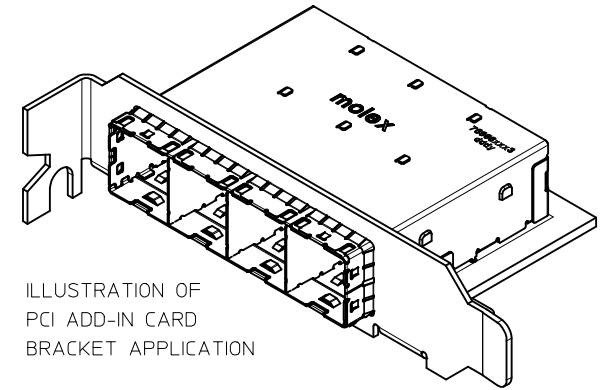
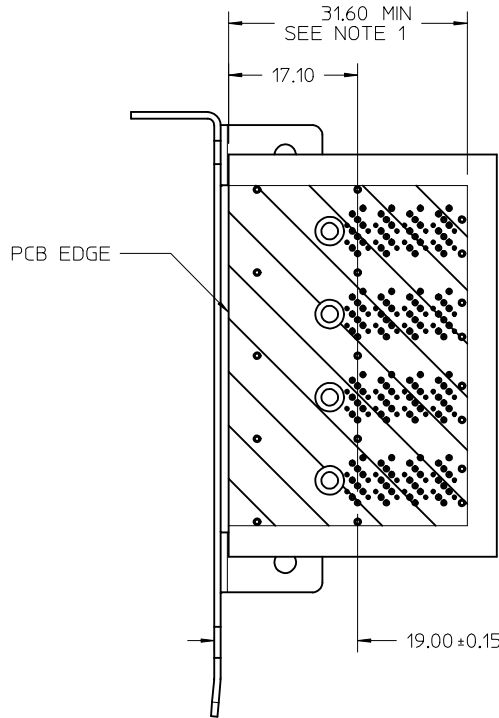
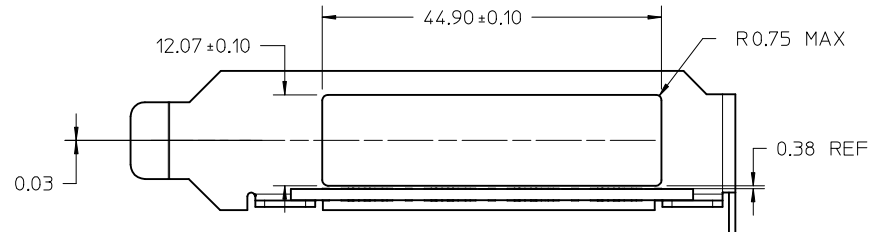


ILLUSTRATION OF  
PCI ADD-IN CARD  
BRACKET APPLICATION



PCB TO BRACKET VIEW

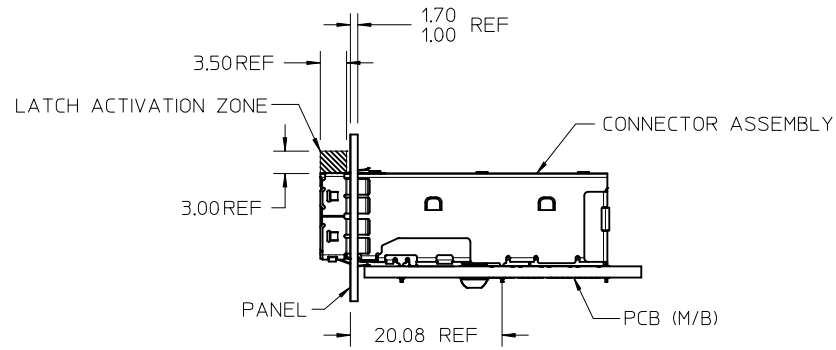


I/O BRACKET CUT OUT  
(BRACKET NOT SUPPLIED)

NOTES:  
1. CONNECTOR KEEP OUT ZONE: PCB COMPONENTS ARE NOT ALLOWED IN THIS AREA.

SEE SHEET 1 EC NO: UCP2016-0275 DRWN:TMCCLELL 2016/01/19 CHKD:TMCCLELLAND 2016/07/06 APPR:SMILLER 2016/07/06	QUALITY SYMBOLS ∇=0 ∇=0 ∇=0	GENERAL TOLERANCES (UNLESS SPECIFIED) mm INCH 4 PLACES ± --- ± --- 3 PLACES ± --- ± --- 2 PLACES ± 0.13 ± --- 1 PLACE ± 0.25 ± --- 0 PLACE ± ±	DIMENSION STYLE MM ONLY DRAWN BY DATE KLANG 2009/03/4 CHECKED BY DATE TMCCLELLAND 2010/01/14 APPROVED BY DATE MBANAKIS 2010/01/14	SCALE 2:1 DESIGN UNITS METRIC THIRD ANGLE PROJECTION	TITLE IPASS PLUS HD 1X4 ASSY	DOCUMENT NO. SD-76866-003	SHEET NO. 2 OF 6
	ANGULAR ±1/2°		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

# ALL OTHER (M/B) APPLICATIONS



ASSEMBLED VIEW

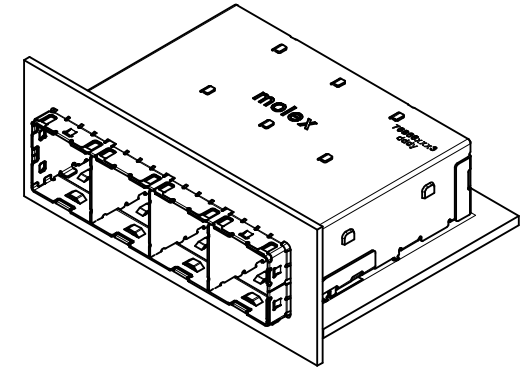
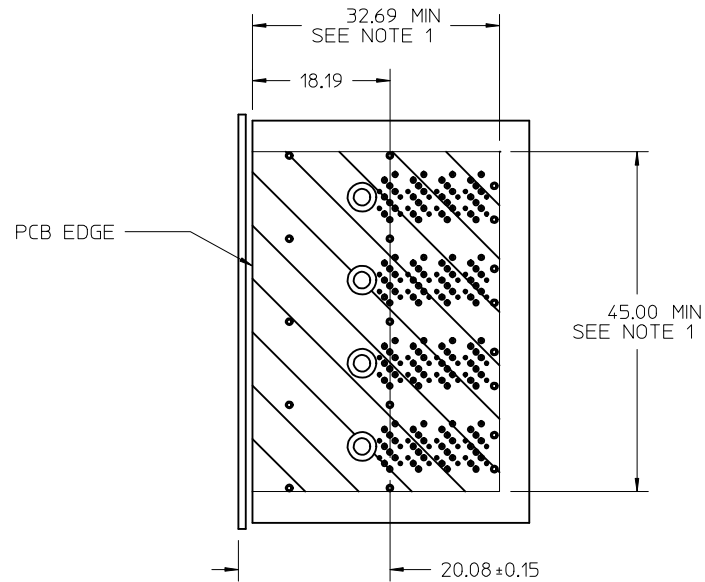
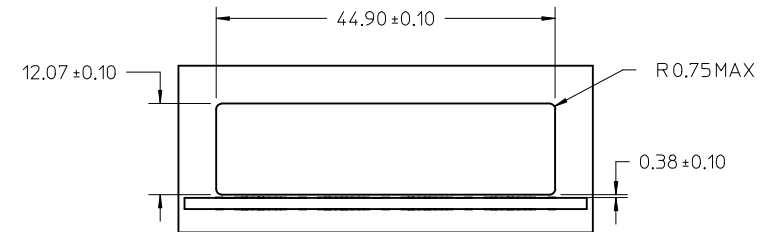


ILLUSTRATION OF ALL OTHER M/B BRACKET APPLICATION



PCB TO BRACKET VIEW

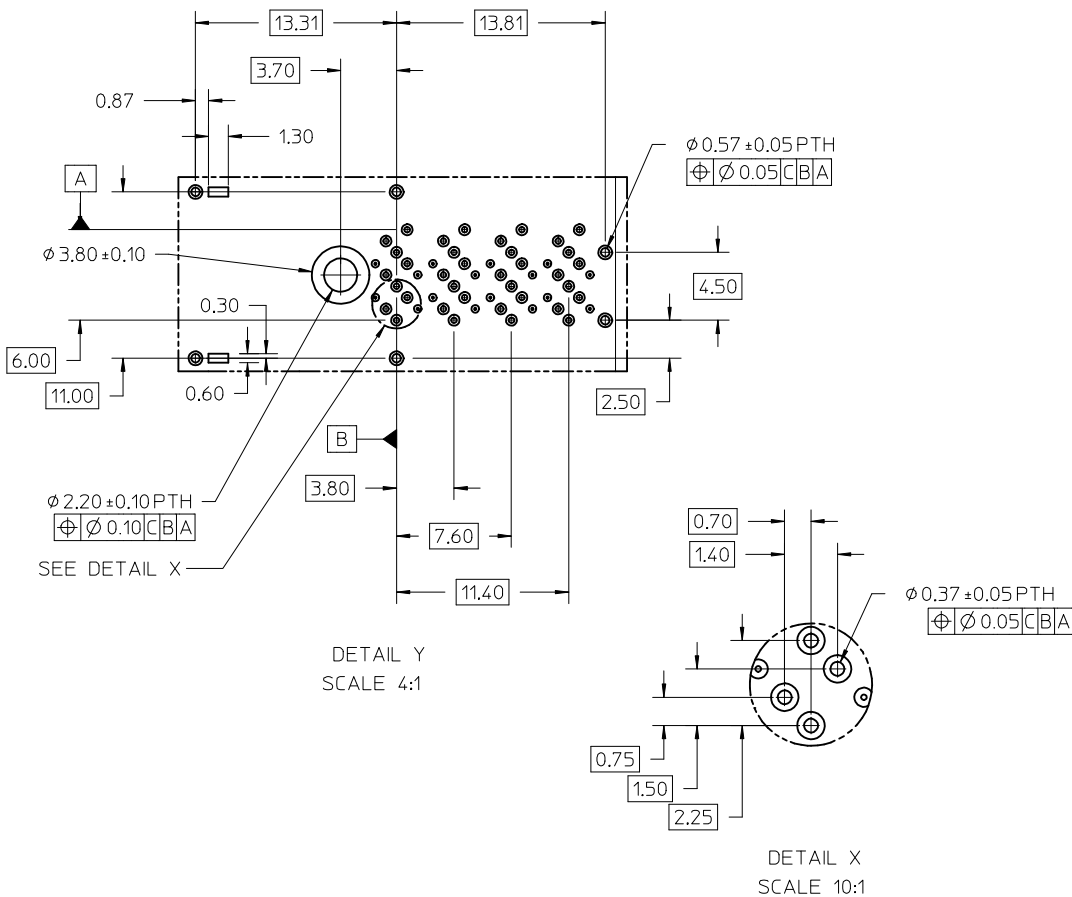
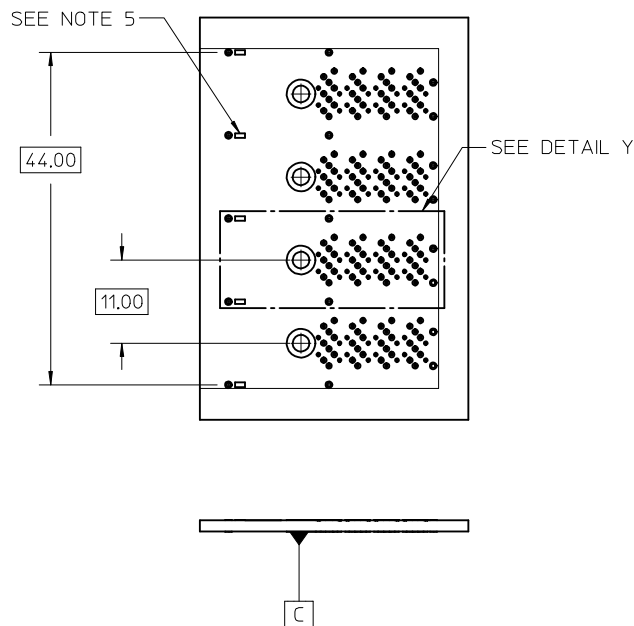


I/O BRACKET CUT OUT (BRACKET NOT SUPPLIED)

NOTES:  
1. CONNECTOR KEEP OUT ZONE: PCB COMPONENTS ARE NOT ALLOWED IN THIS AREA.

SEE SHEET 1 EC NO: UCP2016-0275 DRAWN: TMCCLELL 2016/01/19 CHYKD: TMCCLELL AND 2016/07/06 APPR: SMILLER 2016/07/06	QUALITY SYMBOLS ▽=0 ▽=0 ▽=0	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE MM ONLY		SCALE 2:1	DESIGN UNITS METRIC	THIRD ANGLE PROJECTION		
		4 PLACES ± --- ± ---	mm	INCH	DRAWN BY	DATE	IPASS PLUS HD 1X4 ASSY  <b>molex</b>			
		3 PLACES ± --- ± ---			KLANG	2009/03/4				
		2 PLACES ± 0.13 ± ---			CHECKED BY	DATE	SD-76866-003 SHEET NO. 3 OF 6			
1 PLACE ± 0.25 ± ---			TMCCLELLAND	2010/01/14						
0 PLACE ± ±			APPROVED BY	DATE	THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION					
				MBANAKIS					2010/01/14	
		ANGULAR ±1/2°		MATERIAL NO. SEE SHEET 1		DOCUMENT NO. SD-76866-003				
		DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		SIZE C						

# RECOMMENDED FOOTPRINT



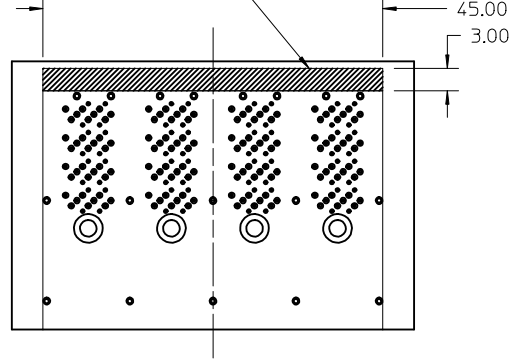
## NOTES:

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

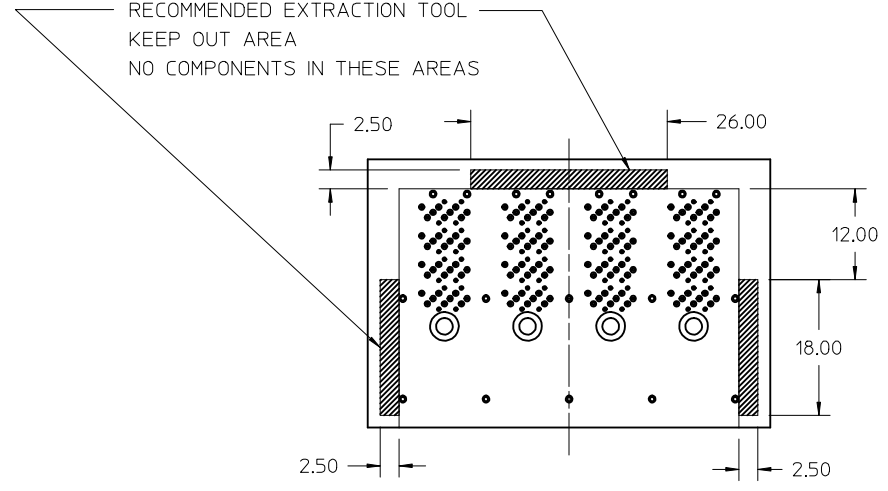
SEE SHEET 1 EC NO: UCP2016-0275 DRAWN: TMCCLELL 2016/01/19 CHKD: TMCCLELL AND 2016/07/06 APPR: SMILLER 2016/07/06	QUALITY SYMBOLS $\nabla = 0$ $\nabla = 0$ $\nabla = 0$	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE	SCALE	DESIGN UNITS	THIRD ANGLE PROJECTION	
		mm	INCH	MM ONLY	2:1	METRIC		
REV	DESCRIPTION	4 PLACES	$\pm 0.13$	DRAWN BY	DATE	IPASS PLUS HD 1X4 ASSY		
		3 PLACES	$\pm 0.25$	KLANG	2009/03/4			
		2 PLACES	$\pm 0.25$	CHECKED BY	DATE	molex		
		1 PLACE	$\pm 0.25$	TMCCLELLAND	2010/01/14			
		0 PLACE	$\pm$	APPROVED BY	DATE	SD-76866-003		
				MBANAKIS	2010/01/14			
		ANGULAR $\pm 1/2^\circ$		MATERIAL NO.	DOCUMENT NO.	SHEET NO.		
		DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		SEE SHEET 1	SD-76866-003	4 OF 6		
		THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION						

# RECOMMENDED TOOLING KEEP OUT AREAS

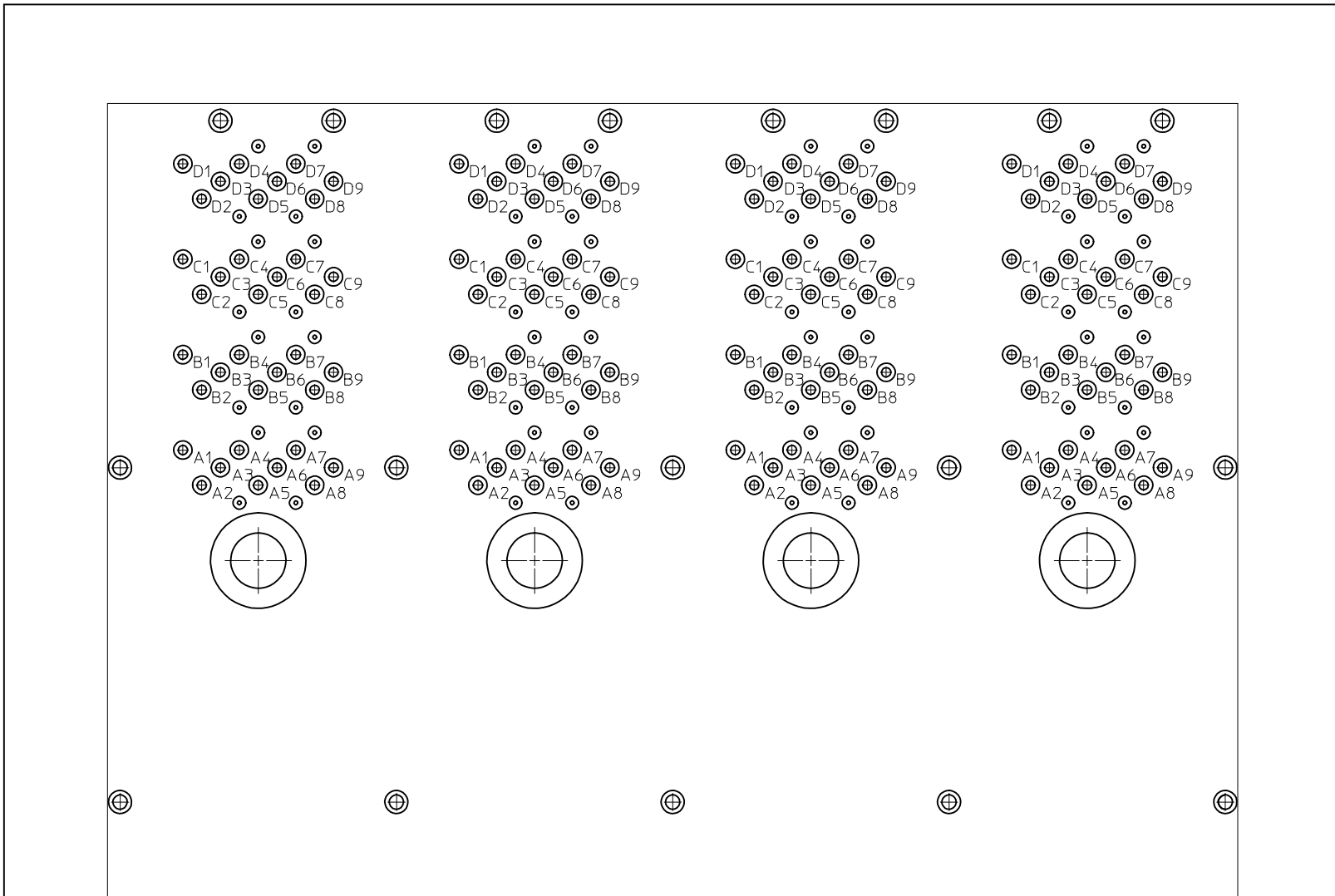
RECOMMENDED INSERTION TOOL  
KEEP OUT AREA  
NO COMPONENTS IN THIS AREA  
MORE THAN 7.50 mm TALL



RECOMMENDED EXTRACTION TOOL  
KEEP OUT AREA  
NO COMPONENTS IN THESE AREAS



SEE SHEET 1 EC NO: UCP2016-0275 DRWN:TMCCLELL 2016/01/19 CHKD:TMCCLELLAND 2016/07/06 APPR:SMILLER 2016/07/06	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 2009/03/4	TITLE <b>IPASS PLUS HD 1X4 ASSY</b>		
	▽=0	4 PLACES ± --- ± ---	CHECKED BY DATE TMCCLELLAND 2010/01/14	<b>molex</b> DOCUMENT NO. <b>SD-76866-003</b> SHEET NO. <b>5 OF 6</b>		
	▽=0	3 PLACES ± --- ± ---	APPROVED BY DATE MBANAKIS 2010/01/14			
		2 PLACES ± 0.13 ± ---	MATERIAL NO.			
		1 PLACE ± 0.25 ± ---	SIZE <b>SEE SHEET 1</b>			
		0 PLACE ± ±	DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS			
		ANGULAR ±1/2°	THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION			



CIRCUIT IDENTIFICATION

SEE SHEET 1 EC NO: UCP2016-0275 DRWN: TMCCLELL 2016/01/19 CHKD: TMCCLELLAND 2016/07/06 APPR: SMILLER 2016/07/06	QUALITY SYMBOLS ▽=0 ▽=0 ▽=0	GENERAL TOLERANCES (UNLESS SPECIFIED) mm INCH 4 PLACES ± --- ± --- 3 PLACES ± --- ± --- 2 PLACES ± 0.13 ± --- 1 PLACE ± 0.25 ± --- 0 PLACE ± ±	DIMENSION STYLE MM ONLY DRAWN BY DATE KLANG 2009/03/4 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 1X4 ASSY				
	MATERIAL NO. DOCUMENT NO. SEE SHEET 1 SD-76866-003				
	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				