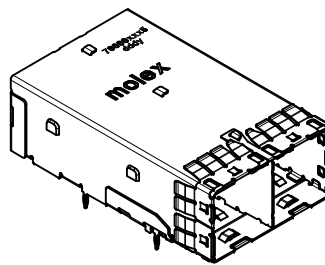
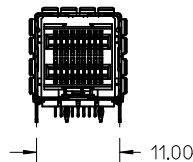
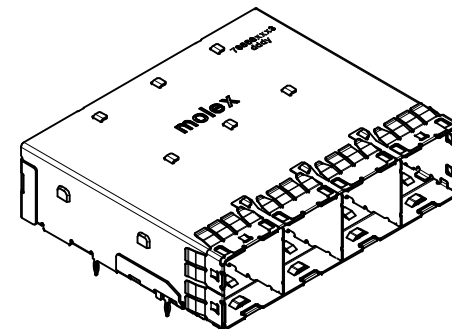
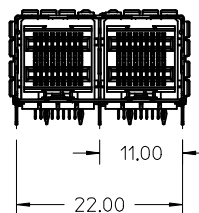


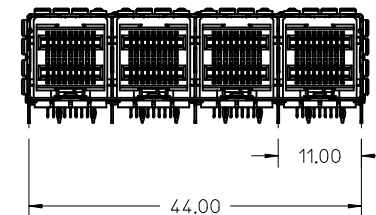
1x1



1x2



1x4



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 3.81μM MIN NICKEL

TAIL AREA: 0.76μM-1.52μM TIN OVER 1.27μM MIN NICKEL

3. PRODUCT SPECIFICATION: PS-76866-001

4. PACKAGING SPECIFICATION: PK-76866-001

5. MATES WITH: MOLEX CABLE SERIES 111068, 111073, 111074, & 111075

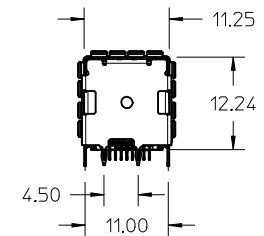
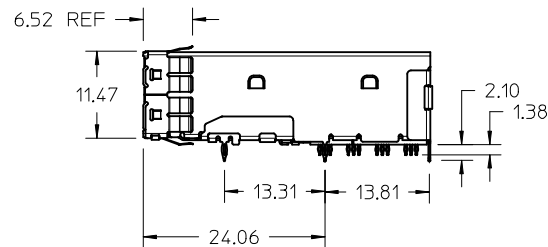
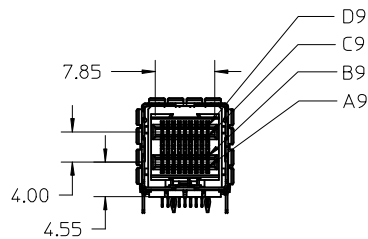
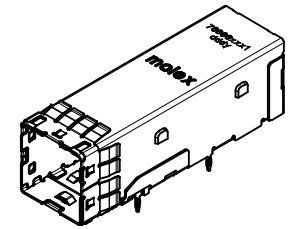
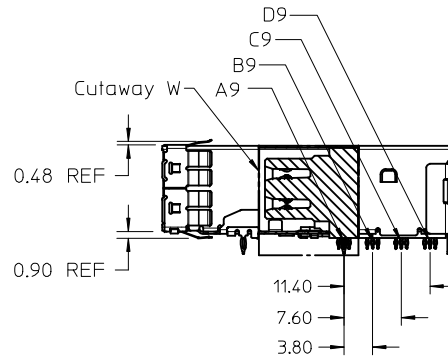
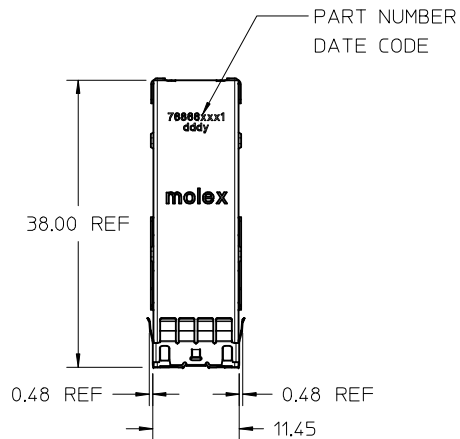
6. RECOMMENDED MOUNTING HARDWARE: REFER TO APPLICATION SPECIFICATION AS-76866-001

7. THIS PART CONFORMS TO CLASS C REQUIREMENTS OF MOLEX COSMETIC SPECIFICATION PS-45499-002

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

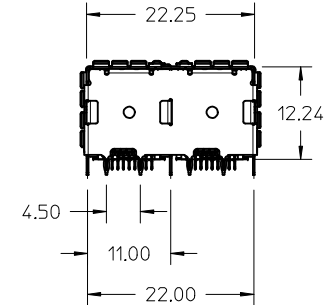
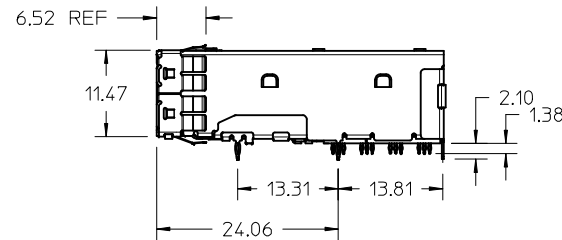
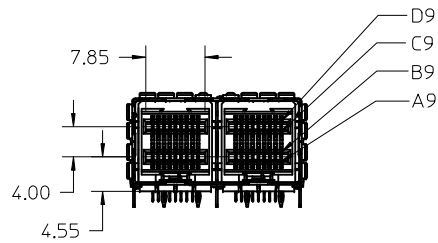
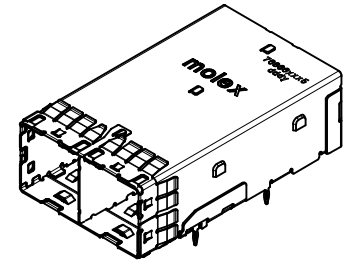
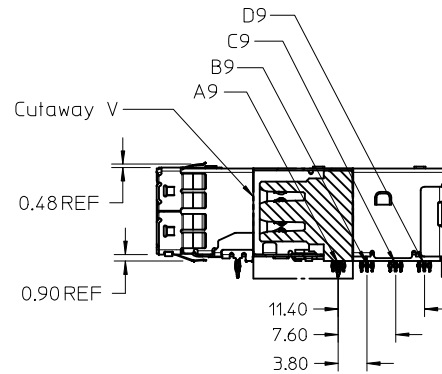
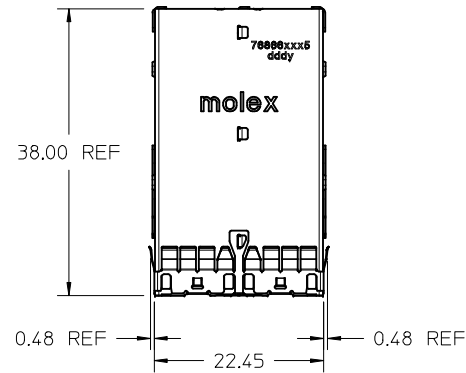
CONFIGURATION	MATERIAL NO.
1 x 1	76866-1011
1 x 2	76866-1015
1 x 4	76866-1013

REV'D 1x4 PTH TOLER EC NO: UCP2015-5431 DRWN:TMCCLELL 2015/06/22 CHKD:TMCCLELLAND 2015/06/22 APPR:TMCCLELL 2015/06/22	DESCRIPTION REV	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 2011/09/29	TITLE IPASS PLUS HD - 12G EXTERNAL	
			4 PLACES	± ---	± ---	CHECKED BY TMCCLELLAND	DATE 2013/07/31		
			3 PLACES	± ---	± ---	APPROVED BY MBANAKIS	DATE 2013/08/01		
			2 PLACES	± 0.13	± ---	MATERIAL NO.	DOCUMENT NO.		
			1 PLACE	± 0.25	± ---	SD-76866-1000			
			0 PLACE	±	±	SEE CHART		SHEET NO. 1 OF 12	
			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		



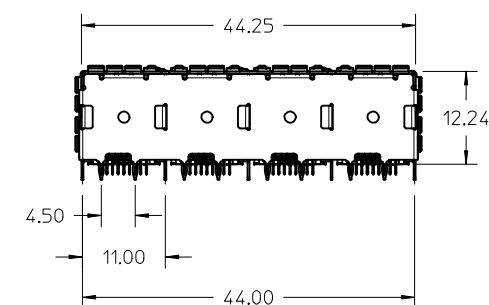
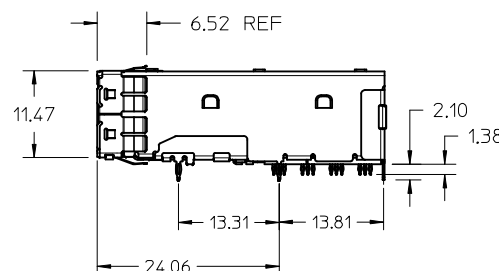
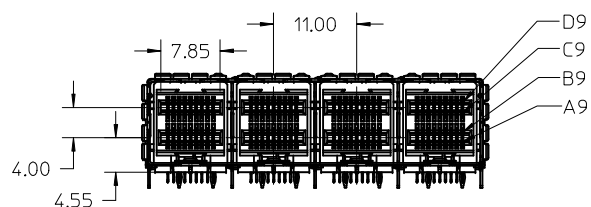
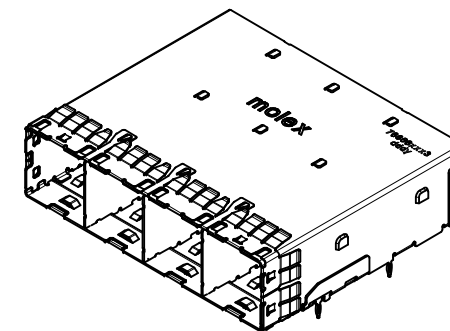
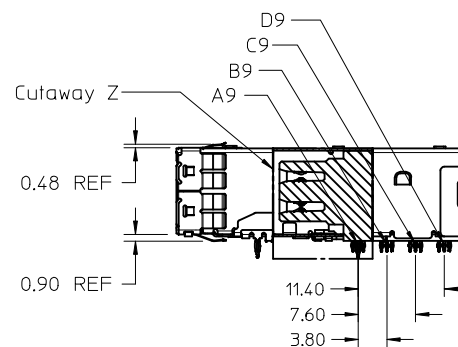
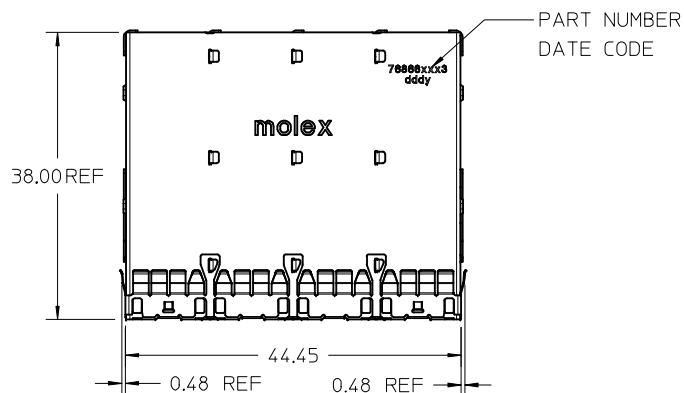
1X1 ASSEMBLY

SEE SHEET 1 EC NO: UCP2015-5431 DRWN:TMCCLELL 2015/06/22 CHKD:TMCCLELLAND 2015/06/22 APPR:TMCCLELL 2015/06/22 A3	DESCRIPTION	QUALITY SYMBOLS	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE MM ONLY		SCALE 2:1	DESIGN UNITS METRIC	 THIRD ANGLE PROJECTION	
			REV	F=0 F=0 F=0	mm	INCH	DRAWN BY KLANG	DATE 2011/09/29		TITLE IPASS PLUS HD - 12G EXTERNAL
					4 PLACES ± ---	± ---	CHECKED BY TMCCLELLAND	DATE 2013/07/31		
					3 PLACES ± ---	± ---				
					2 PLACES ± 0.13	± ---				
					1 PLACE ± 0.25	± ---				
			0 PLACE ±	±	MATERIAL NO.		DOCUMENT NO.	SHEET NO.		
			ANGULAR ±1/2°		SEE CHART		SD-76866-1000			2 OF 12
			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					



1X2 ASSEMBLY

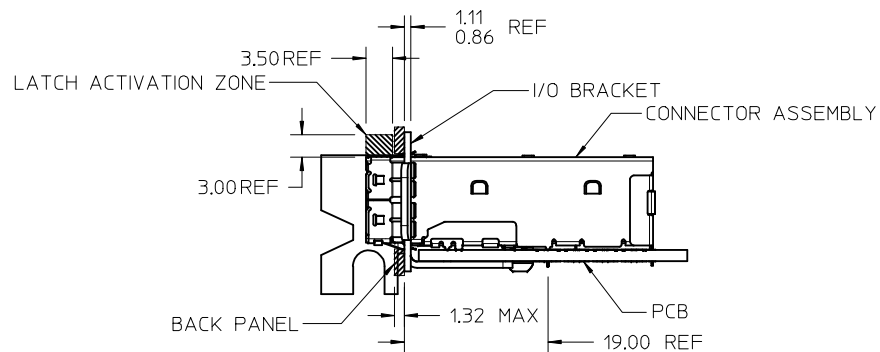
SEE SHEET 1 EC NO: UCP2015-5431 DRWN:TMCCLELL 2015/06/22 CHKD:TMCCLELLAND 2015/06/22 APPR:TMCCLELL 2015/06/22 A3	DESCRIPTION	QUALITY SYMBOLS ▽=0 ▽=0 ▽=0	GENERAL TOLERANCES (UNLESS SPECIFIED)			DIMENSION STYLE MM ONLY		SCALE 2:1	DESIGN UNITS METRIC	 THIRD ANGLE PROJECTION	
				mm	INCH	DRAWN BY	DATE	TITLE			
			4 PLACES	± ---	± ---	KLANG	2011/09/29	IPASS PLUS HD - 12G EXTERNAL			
			3 PLACES	± ---	± ---	CHECKED BY	DATE				
			2 PLACES	± 0.13	± ---	TMCCLELLAND	2013/07/31				
			1 PLACE	± 0.25	± ---	APPROVED BY	DATE				
			0 PLACE	±	±	MBANAKIS	2013/08/01	molex			
			ANGULAR ±1/2°			MATERIAL NO.			DOCUMENT NO.		SHEET NO.
			DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS			SEE CHART			SD-76866-1000		3 OF 12
			REV			SIZE	THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION				



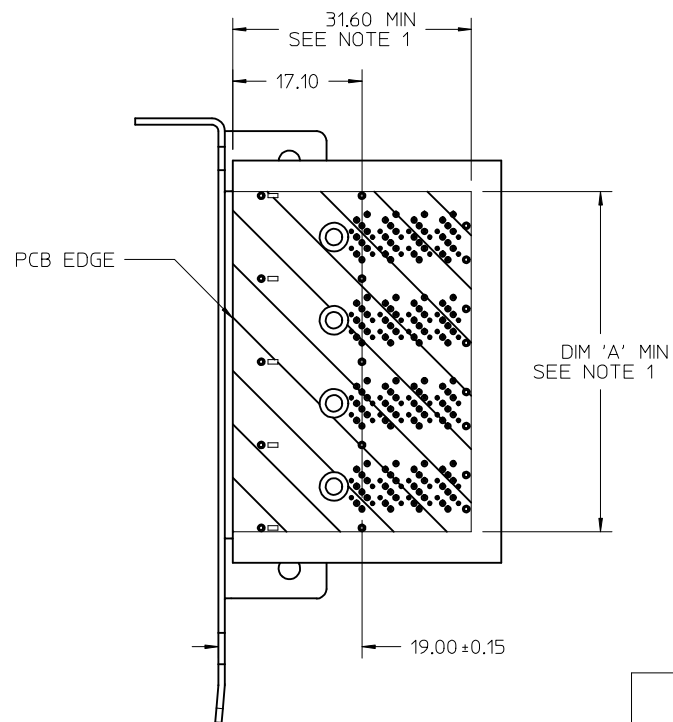
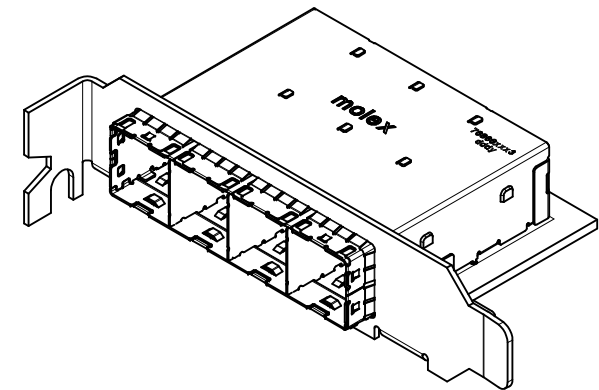
1X4 ASSEMBLY

SEE SHEET 1 EC NO: UCP2015-5431 DRWN:TMCCLELL 2015/06/22 CHKD:TMCCLELLAND 2015/06/22 APPR:TMCCLELL 2015/06/22 A3	DESCRIPTION REV	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 2011/09/29	TITLE IPASS PLUS HD - 12G EXTERNAL			
			4 PLACES	±---	±---	CHECKED BY	DATE				
			3 PLACES	±---	±---	TMCCLELLAND	2013/07/31				
			2 PLACES	±0.13	±---	APPROVED BY	DATE	molex			
			1 PLACE	±0.25	±---	MBANAKIS	2013/08/01				
			0 PLACE	±	±	MATERIAL NO.	DOCUMENT NO.				
			ANGULAR ±1/2°		SEE CHART		SD-76866-1000			SHEET NO. 4 OF 12	
			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				

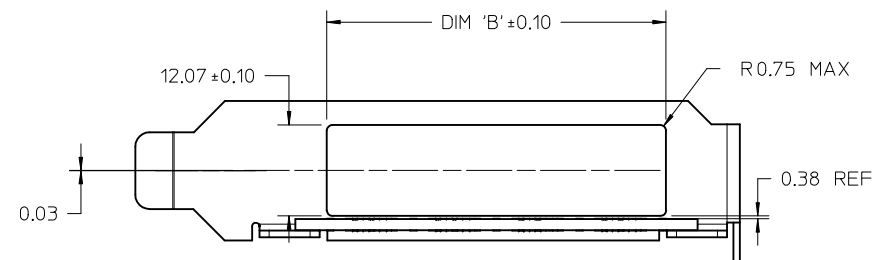
PCI ADD-IN CARD APPLICATION



ASSEMBLED VIEW



PCB TO BRACKET VIEW



I/O BRACKET CUT OUT
(BRACKET NOT SUPPLIED)

NOTES:
1. CONNECTOR KEEP OUT AREA

CONFIGURATION	DIM 'A' (MIN)	DIM 'B' (±0.10)
1 X 1	12.00	11.90
1 X 2	23.00	22.90
1 X 4	45.00	44.90

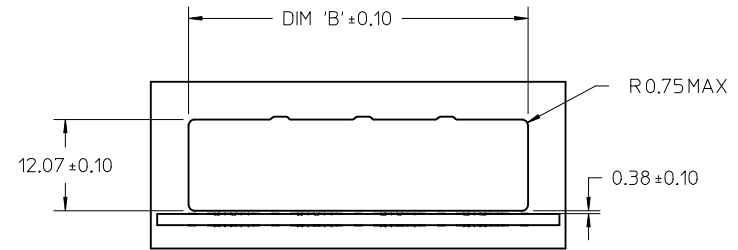
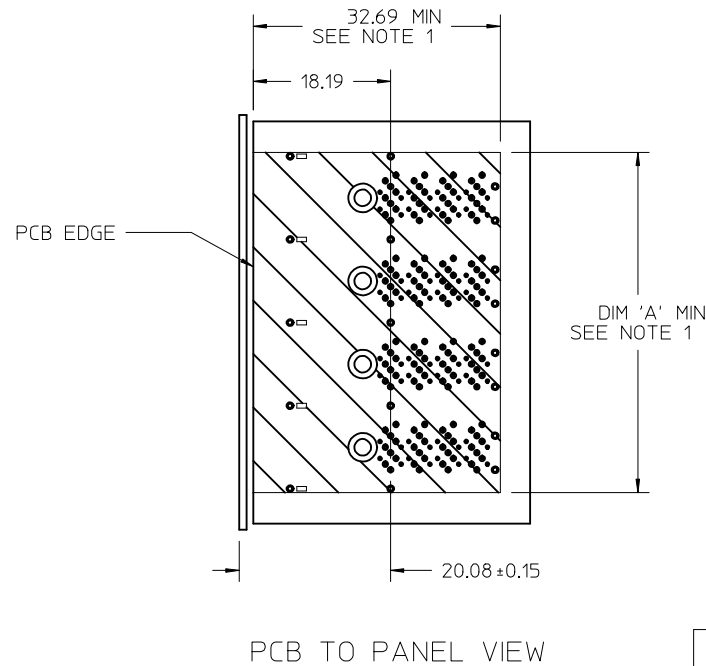
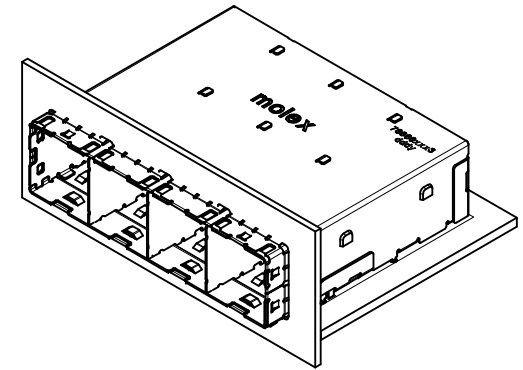
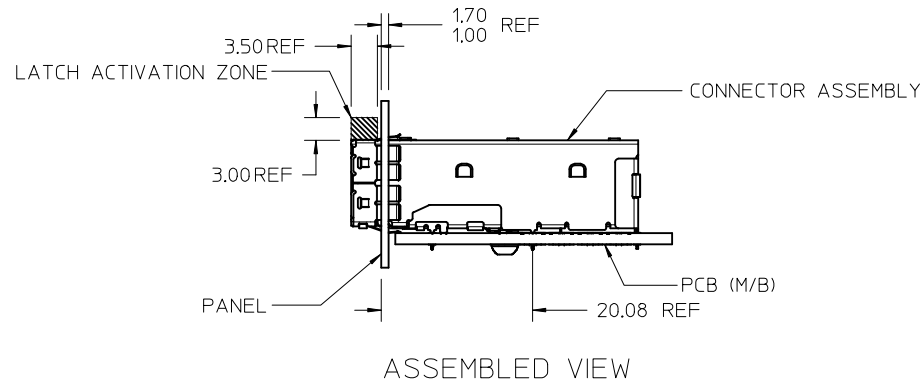
SEE SHEET 1 EC NO: UCP2015-5431 DRWN: TMCLELL 2015/06/22 CHKD: TMCLELLAND 2015/06/22 APPR: TMCLELL 2015/06/22 A3	DESCRIPTION	QUALITY SYMBOLS ▽=0 ▽=0 ▽=0	GENERAL TOLERANCES (UNLESS SPECIFIED)			DIMENSION STYLE MM ONLY		SCALE 2:1	DESIGN UNITS METRIC	 THIRD ANGLE PROJECTION	
						DRAWN BY KLANG		DATE 2011/09/29	TITLE IPASS PLUS HD - 12G EXTERNAL		
						CHECKED BY TMCLELLAND		DATE 2013/07/31			
						APPROVED BY MBANAKIS		DATE 2013/08/01			
						MATERIAL NO.		DOCUMENT NO.			SHEET NO.
						SEE CHART		SD-76866-1000			5 OF 12
						SIZE		THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION			
REV			DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS								

IPASS PLUS HD - 12G
EXTERNAL

molex

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

MOTHERBOARD APPLICATION

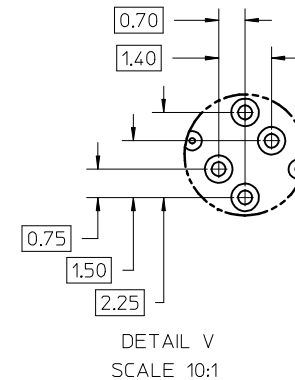
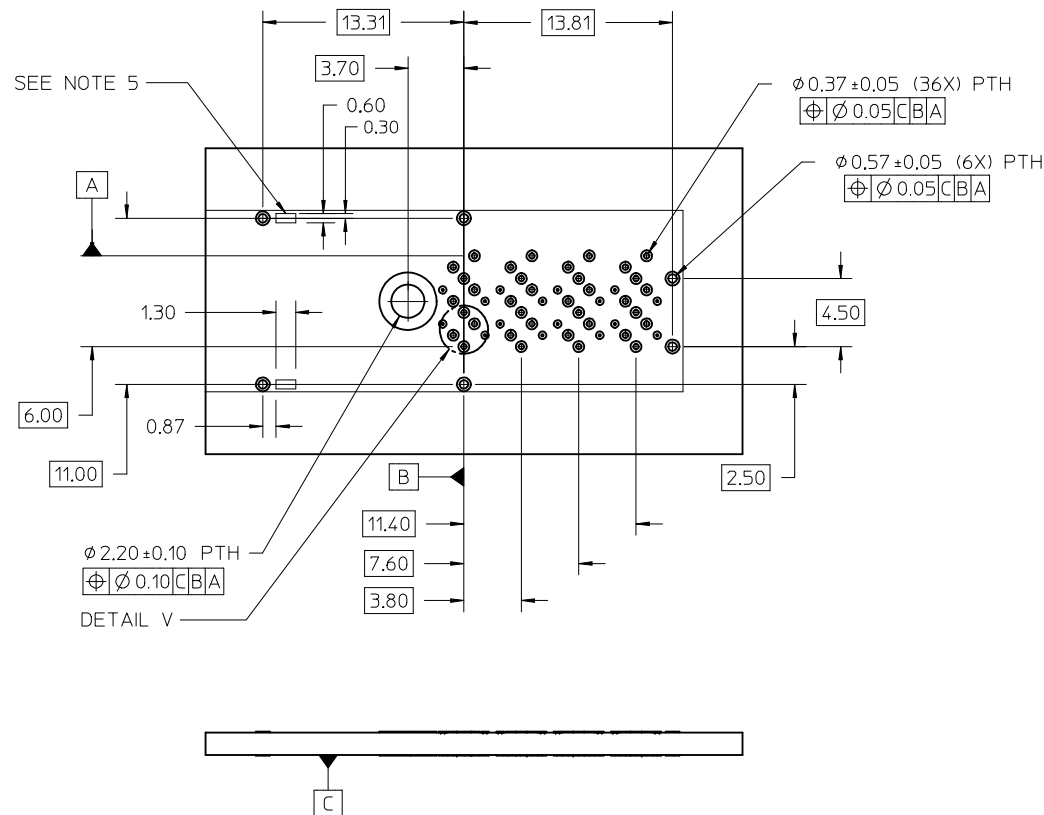


PANEL CUT OUT

NOTES:
1. CONNECTOR KEEP OUT AREA

SEE SHEET 1 EC NO: UCP2015-5431 DRAWN: TMCCLELL 2015/06/22 CHKD: TMCCLELL AND 2015/06/22 APPR: TMCCLELL 2015/06/22	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 ± ± ANGULAR ± 1/2° DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS	DIMENSION STYLE MM ONLY DRAWN BY DATE KLANG 2011/09/29 CHECKED BY DATE TMCCLELLAND 2013/07/31 APPROVED BY DATE MBANAKIS 2013/08/01 MATERIAL NO. SIZE C	SCALE 2:1 DESIGN UNITS METRIC THIRD ANGLE PROJECTION	CONFIGURATION 1 X 1 1 X 2 1 X 4	DIM 'A' (MIN) 12.00 23.00 45.00	DIM 'B' (±0.10) 11.90 22.90 44.90	IPASS PLUS HD - 12G EXTERNAL molex DOCUMENT NO. SD-76866-1000 SHEET NO. 6 OF 12

1X1 RECOMMENDED FOOTPRINT

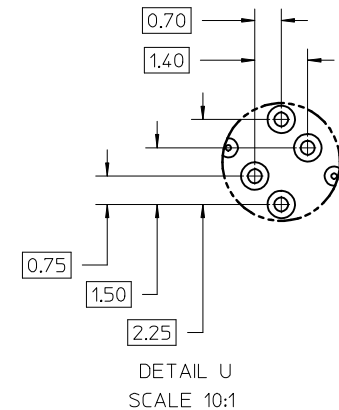
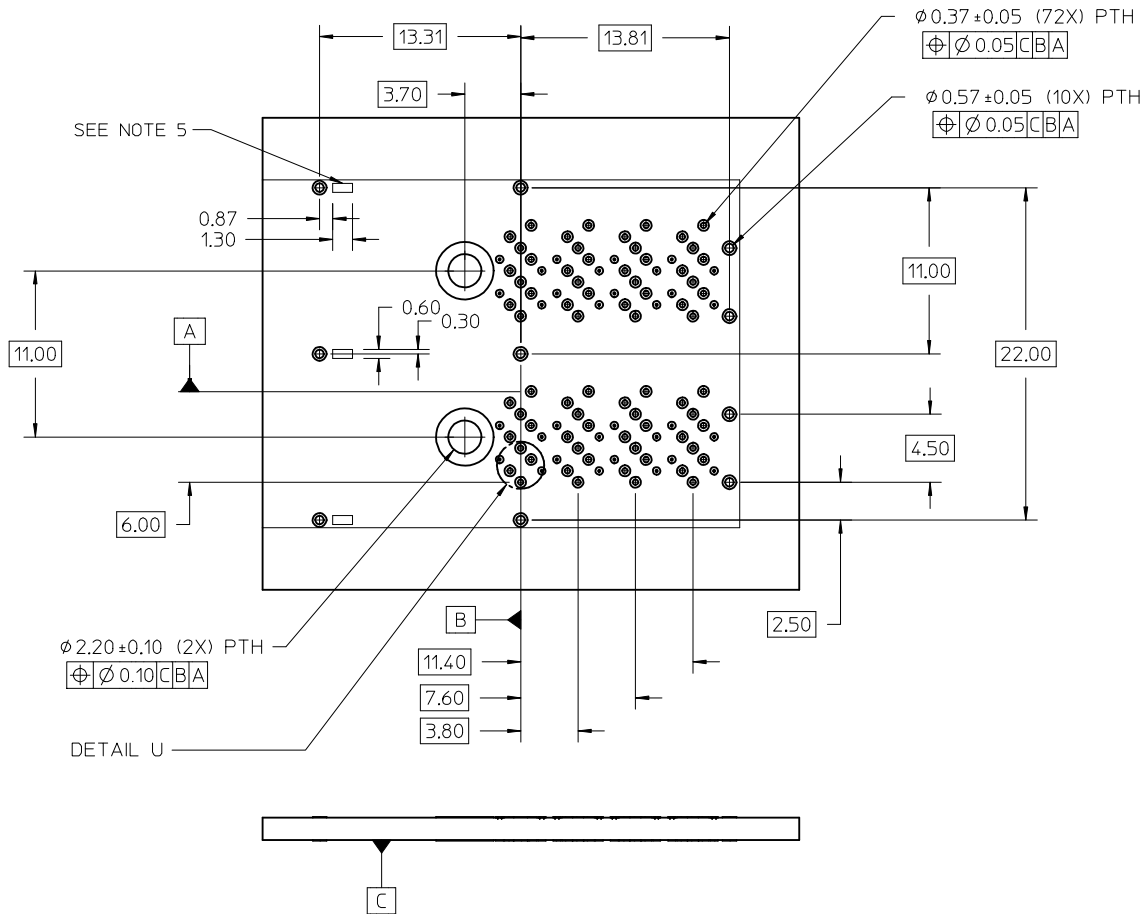


NOTES:

1. RECOMMENDED DRILL & ANNULAR RING SIZE FOR 0.37 ϕ FINISHED PTH - REFER TO APPLICATION SPECIFICATION AS-76866-001
2. MINIMUM RECOMMENDED SPACING: 14.00MM
4. MINIMUM PCB THICKNESS: 1.57MM
4. RECOMMENDED DRILL & ANNULAR RING SIZE 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: UCP2015-5431 DRWN:TMCCLELL 2015/06/22 CHKD:TMCCLELLAND 2015/06/22 APPR:TMCCLELL 2015/06/22 A3	REV	DESCRIPTION	QUALITY SYMBOLS	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE MM ONLY		SCALE 4:1	DESIGN UNITS METRIC	THIRD ANGLE PROJECTION	TITLE IPASS PLUS HD - 12G EXTERNAL molex SD-76866-1000
						DRAWN BY DATE KLANG 2011/09/29					
						CHECKED BY DATE TMCCLELLAND 2013/07/31					
						APPROVED BY DATE MBANAKIS 2013/08/01					
						MATERIAL NO.		DOCUMENT NO.		SHEET NO.	
						SEE CHART				7 OF 12	
						SIZE C					

1X2 RECOMMENDED FOOTPRINT

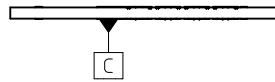
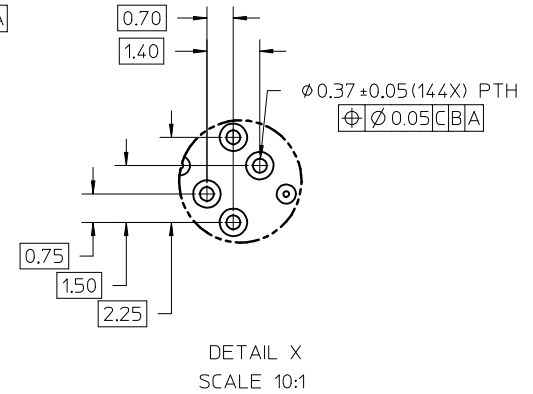
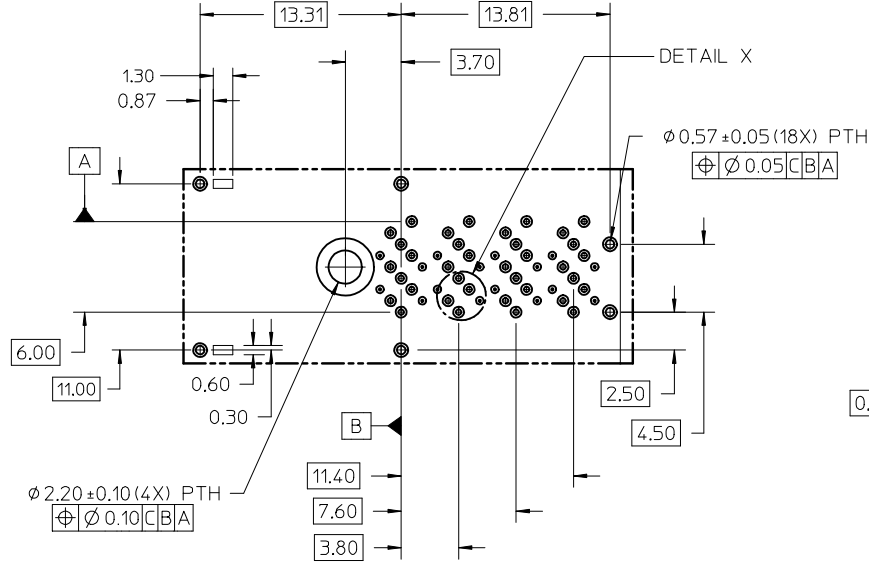
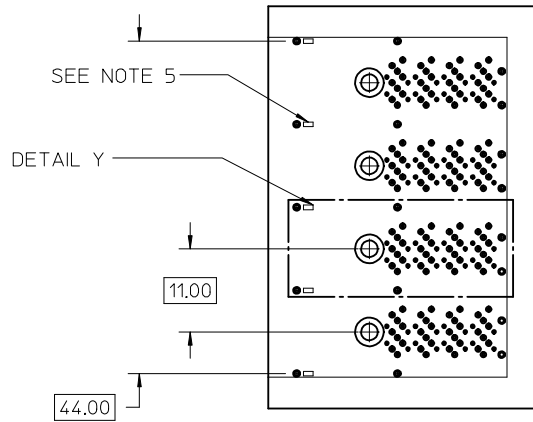


NOTES:

1. RECOMMENDED DRILL & ANNULAR RING SIZE FOR 0.37 ϕ FINISHED PTH - REFER TO APPLICATION SPECIFICATION AS-76866-001
2. MINIMUM RECOMMENDED SPACING: 25.00MM
4. MINIMUM PCB THICKNESS: 1.57MM
4. RECOMMENDED DRILL & ANNULAR RING SIZE 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: UCP2015-5431 DRWN:TMCCLELL 2015/06/22 CHKD:TMCCLELLAND 2015/06/22 APPR:TMCCLELL 2015/06/22 A3	DESCRIPTION	QUALITY SYMBOLS	GENERAL TOLERANCES (UNLESS SPECIFIED)			DIMENSION STYLE MM ONLY		SCALE 4:1	DESIGN UNITS METRIC	 THIRD ANGLE PROJECTION	TITLE IPASS PLUS HD - 12G EXTERNAL molex	DOCUMENT NO. SD-76866-1000	SHEET NO. 8 OF 12
						DRAWN BY DATE							
						CHECKED BY DATE							
						APPROVED BY DATE							
						MATERIAL NO.							
						SEE CHART							
REV			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					

1X4 RECOMMENDED FOOTPRINT

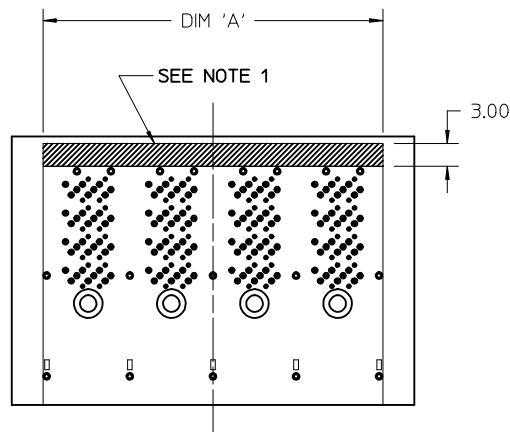


NOTES:

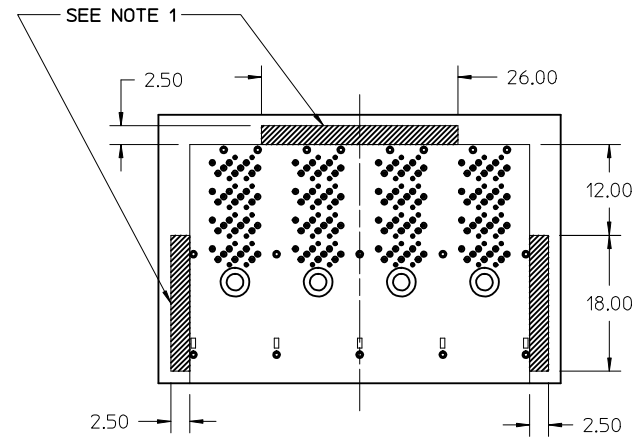
1. RECOMMENDED DRILL & ANNULAR RING SIZE FOR 0.37 ϕ FINISHED PTH - REFER TO APPLICATION SPECIFICATION AS-76866-001
2. MINIMUM RECOMMENDED SPACING: 47.00MM
3. MINIMUM PCB THICKNESS: 1.57MM
4. RECOMMENDED DRILL & ANNULAR RING SIZE FOR 0.57 ϕ FINISHED PTH - REFER TO APPLICATION SPECIFICATION AS-76866-001
5. CAGE STAND OFF AREA, NO TRACES ON SURFACE OF PCB IN THESE AREAS

SEE SHEET 1 EC NO: UCP2015-5431 DRWN:TMCCLELL 2015/06/22 CHKD:TMCCLELLAND 2015/06/22 APPR:TMCCLELL 2015/06/22 A3	REV	DESCRIPTION	QUALITY SYMBOLS	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE MM ONLY		SCALE 2:1	DESIGN UNITS METRIC	THIRD ANGLE PROJECTION	TITLE IPASS PLUS HD - 12G EXTERNAL molex DOCUMENT NO. SD-76866-1000 SHEET NO. 9 OF 12	
						DRAWN BY DATE KLANG 2011/09/29						
						CHECKED BY DATE TMCCLELLAND 2013/07/31						
						APPROVED BY DATE MBANAKIS 2013/08/01						
						MATERIAL NO.						
						SEE CHART						
						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



INSERTION TOOL KEEP OUT AREA



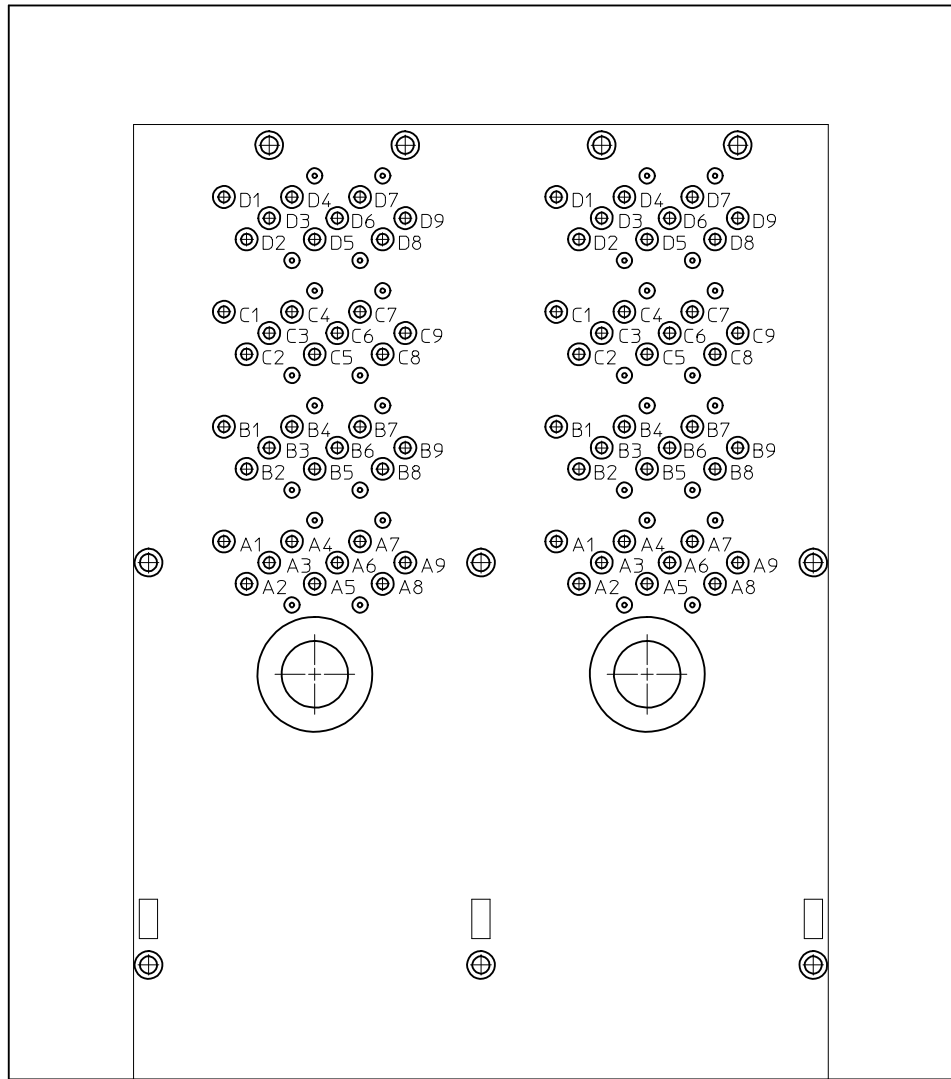
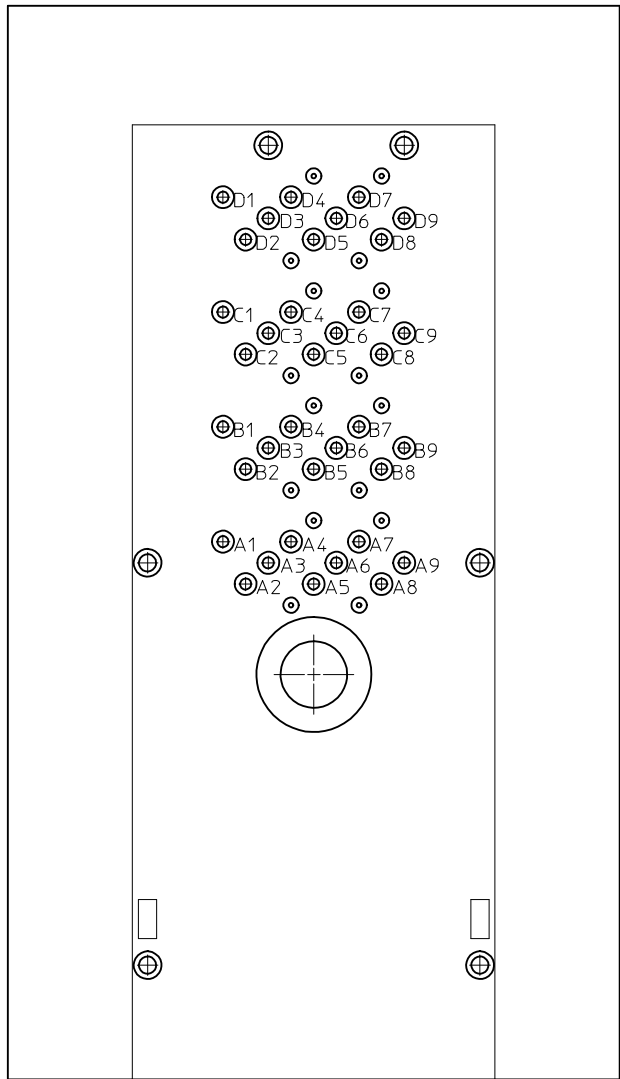
EXTRACTION TOOL KEEP OUT AREA

CONFIGURATION	DIM 'A' (MIN)
1 X 1	12.00
1 X 2	23.00
1 X 4	45.00

- NOTES:
1. NO COMPONENTS ALLOWED IN THESE AREAS

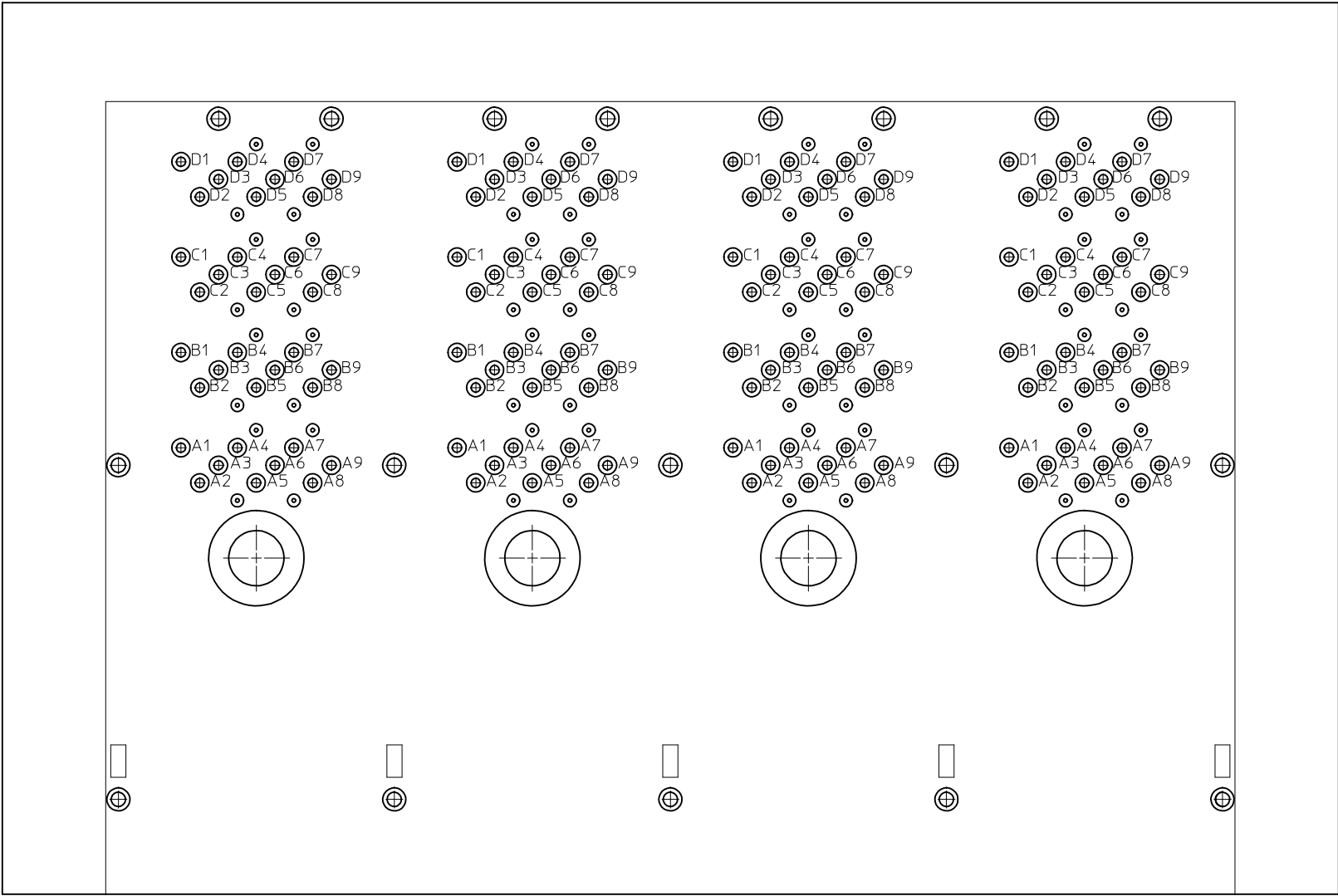
SEE SHEET 1 EC NO: UCP2015-5431 DRWN:TMCCLELL 2015/06/22 CHKD:TMCCLELLAND 2015/06/22 APPR:TMCCLELL 2015/06/22 A3	DESCRIPTION	QUALITY SYMBOLS ▽=0 ▽=0 ▽=0	GENERAL TOLERANCES (UNLESS SPECIFIED)			DIMENSION STYLE MM ONLY		SCALE 2:1	DESIGN UNITS METRIC	 THIRD ANGLE PROJECTION	IPASS PLUS HD - 12G EXTERNAL	molex	DOCUMENT NO. SD-76866-1000	SHEET NO. 10 OF 12				
			REV	DESCRIPTION	QUALITY SYMBOLS	mm		INCH							DRAWN BY KLANG		DATE 2011/09/29	
						4 PLACES ± ---		± ---							CHECKED BY		DATE	
						3 PLACES ± ---		± ---							TMCCLELLAND		2013/07/31	
						2 PLACES ± 0.13		± ---							APPROVED BY		DATE	
						1 PLACE ± 0.25		± ---							MBANAKIS		2013/08/01	
			REV	DESCRIPTION	QUALITY SYMBOLS	0 PLACE ±		±							MATERIAL NO.			
						ANGULAR ±1/2°									SEE CHART 1			
						DRAFT WHERE APPLICABLE		MUST REMAIN WITHIN DIMENSIONS										
						C		THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION										

1X1 & 1X2 FOOTPRINT CIRCUIT IDENTIFICATION



SEE SHEET 1 EC NO: UCP2015-5431 DRWN:TMCCLELL 2015/06/22 CHKD:TMCCLELLAND 2015/06/22 APPR:TMCCLELL 2015/06/22 A3	DESCRIPTION	QUALITY SYMBOLS	GENERAL TOLERANCES (UNLESS SPECIFIED)			DIMENSION STYLE MM ONLY		SCALE 8:1	DESIGN UNITS METRIC	THIRD ANGLE PROJECTION	
				mm	INCH	DRAWN BY	DATE	TITLE			
			4 PLACES	± ---	± ---	KLANG	2011/09/29	IPASS PLUS HD - 12G			
			3 PLACES	± ---	± ---	CHECKED BY	DATE	EXTERNAL			
			2 PLACES	± 0.13	± ---	TMCCLELLAND	2013/07/31	molex			
			1 PLACE	± 0.25	± ---	APPROVED BY	DATE				
			0 PLACE	±	±	MBANAKIS	2013/08/01	DOCUMENT NO. SD-76866-1000			
			ANGULAR ±1/2°			MATERIAL NO.					
			DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS			SEE CHART					
			SIZE	THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION							

1X4 FOOTPRINT CIRCUIT IDENTIFICATION



SEE SHEET 1 EC NO: UCP2015-5431 DRWN: TMCLELL 2015/06/22 CHKD: TMCLELLAND 2015/06/22 APPR: TMCLELL 2015/06/22	QUALITY SYMBOLS	DESCRIPTION	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE MM ONLY		SCALE 8:1	DESIGN UNITS METRIC	THIRD ANGLE PROJECTION					
				mm	INCH	DRAWN BY KLANG	DATE 2011/09/29	TITLE IPASS PLUS HD - 12G EXTERNAL						
			4 PLACES	± ---	± ---	CHECKED BY TMCLELLAND	DATE 2013/07/31							
			3 PLACES	± ---	± ---	APPROVED BY MBANAKIS	DATE 2013/08/01	molex						
			2 PLACES	± 0.13	± ---	MATERIAL NO. DOCUMENT NO. SD-76866-1000							SHEET NO. 12 OF 12	
			1 PLACE	± 0.25	± ---									
			0 PLACE	±	±									
			ANGULAR ±1/2°			SEE CHART								
			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						
			A3	REV										