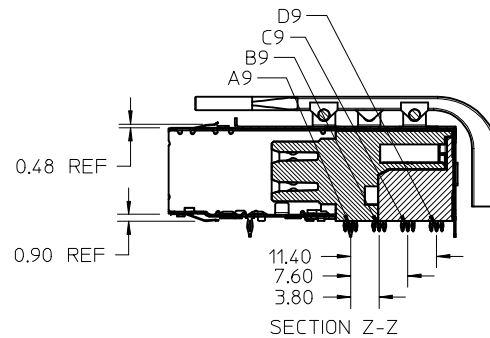
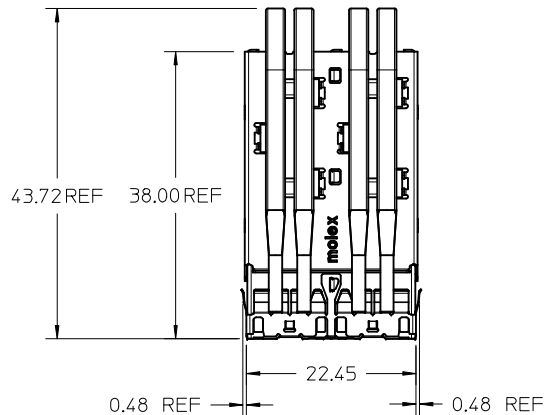


NOTES:

1. MATERIALS:

CONNECTOR HOUSING: HIGH TEMPERATURE THERMOPLASTIC
GLASS FILLED, UL 94V-0
EMI CAGE: NICKEL SILVER ALLOY
EMI FINGERS: COPPER ALLOY
TERMINALS: COPPER ALLOY
LIGHT PIPES: HALOGEN FREE, CLEAR POLYCARBONATE

2. FINISHES:

EMI FINGERS: 0.50µM NICKEL
CONTACT AREA: 0.76µM MIN GOLD OVER 2.54µM MIN NICKEL
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

3. PRODUCT SPECIFICATION: PS-76866-001

4. PACKAGING SPECIFICATION: PK-76866-002

CONNECTORS WILL BE IN ONE BOX
LIGHT PIPES ASSEMBLIES WILL BE IN ONE BOX
BOTH BOXES WILL BE IN A MASTER CARTON

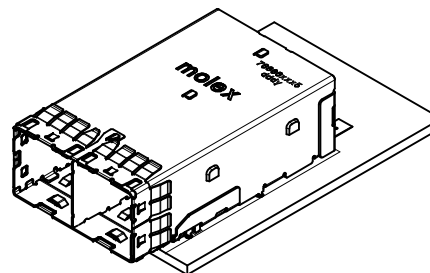
5. MATES WITH: MOLEX CABLE SERIES 111068 & 111073

6. RECOMMENDED MOUNTING HARDWARE: M2X0.4 BUTTON HEAD SCREW
MOUNTING SCREW LENGTH: PCB THICKNESS + 1.4MM MAX (0.9MM MIN)
MOUNTING HARDWARE NOT SUPPLIED

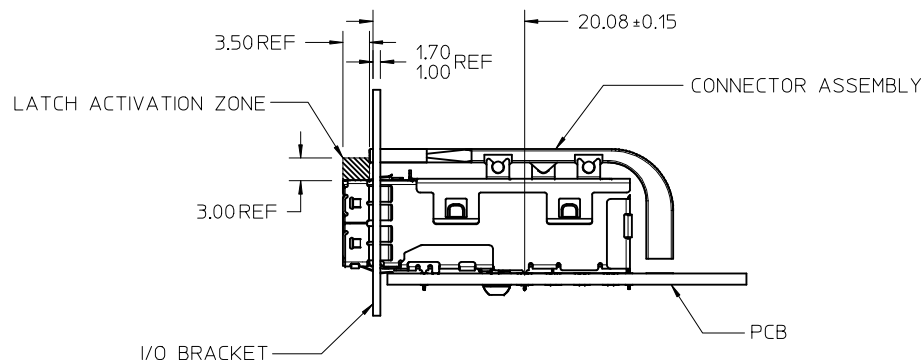
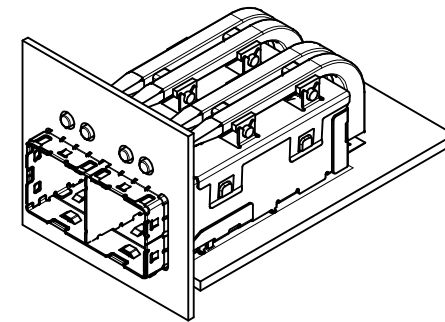
7. LIGHT PIPE ASSEMBLY TO BE APPLIED AFTER ASSEMBLY TO PCB

PLATING OPT.	MATERIAL NO.
OPTION 1	76866-0025
OPTION 2	76866-0125

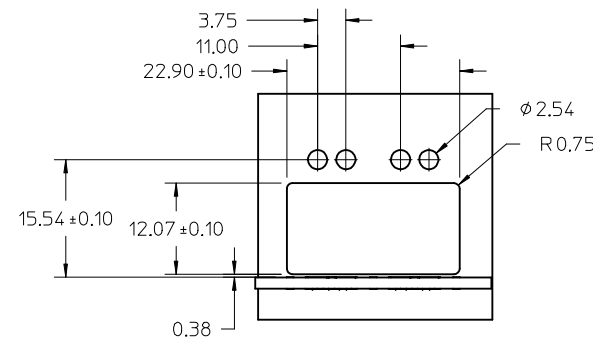
UPDATED MATL SPEC EC NO: UCP2014-1665 DRWN:TMCCLELL 2013/10/15 CHKD:TMCCLELLAND 2013/10/16 APPR:MBANAKIS 2013/10/17	DESCRIPTION REV D5	QUALITY SYMBOLS F=0 E=0 F=0	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE MM ONLY		SCALE 2:1	DESIGN UNITS METRIC	THIRD ANGLE PROJECTION		
				mm	INCH	DRAWN BY DATE KLANG 2009/06/02		TITLE IPASS PLUS HD 1X2 ASSEMBLY LIGHT PIPE			
			4 PLACES	± ---	± ---	CHECKED BY DATE TMCCLELLAND 2013/10/16		molex			
			3 PLACES	± ---	± ---	APPROVED BY DATE MBANAKIS 2010/01/14					
			2 PLACES	± 0.13	± ---	MATERIAL NO.					
			1 PLACE	± 0.25	± ---	SEE CHART		SD-76866-025		1 OF 6	
			0 PLACE	±		SIZE		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								



AS APPLIED TO PCB

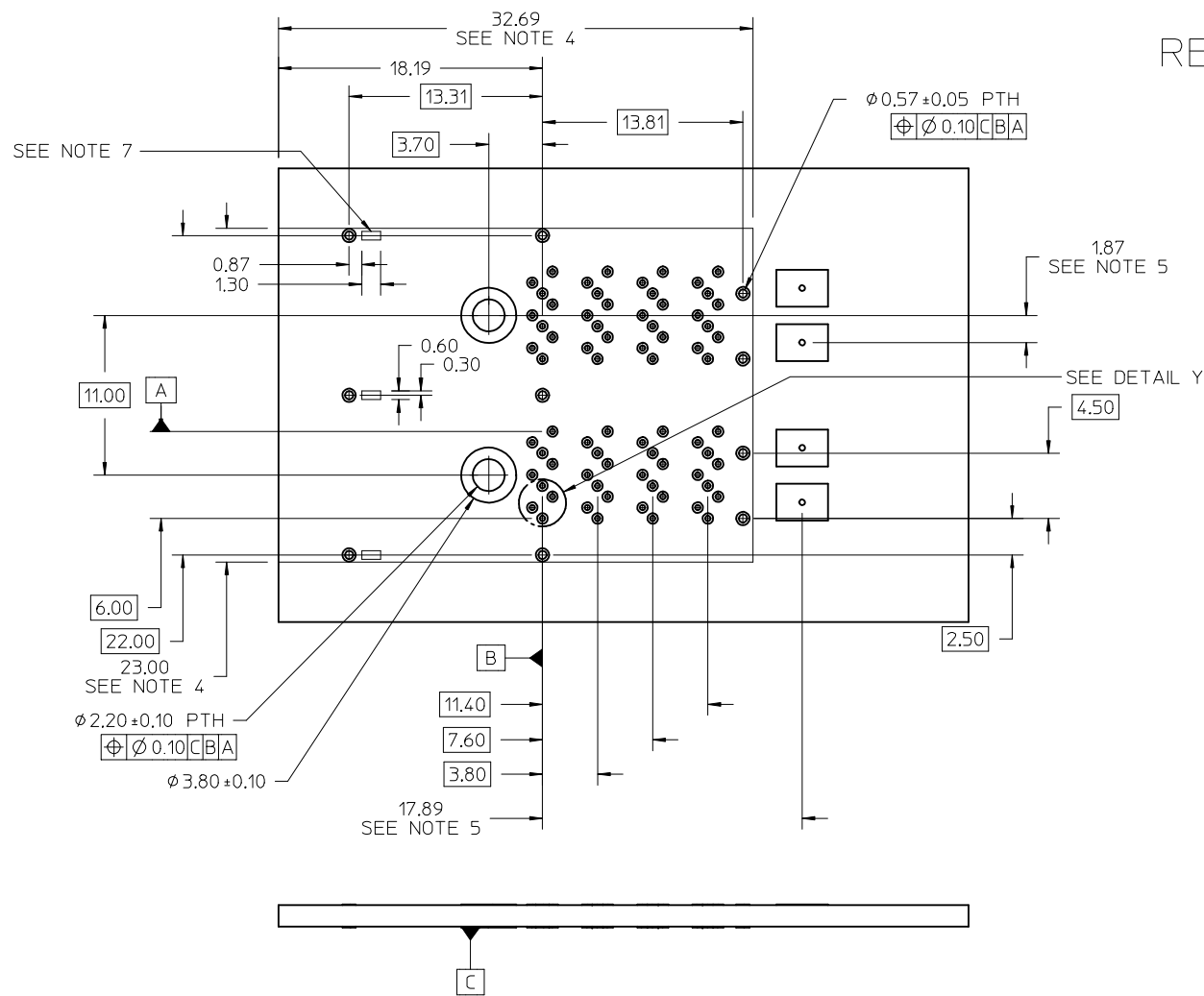


ASSEMBLED VIEW

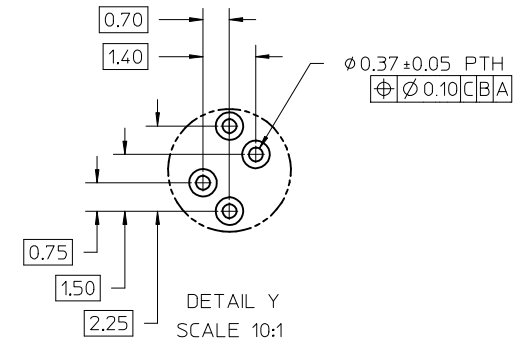


I/O BRACKET CUT OUT
(BRACKET NOT SUPPLIED)

SEE SHEET 1 EC NO: UCP2014-1665 DRWN:TMCCLELL 2013/10/15 CHKD:TMCCLELLAND 2013/10/16 APPR:MBANAKIS 2013/10/17 D5	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 2009/06/02	TITLE IPASS PLUS HD 1X2 ASSEMBLY LIGHT PIPE		
			4 PLACES ± --- ± ---			CHECKED BY TMCCLELLAND		DATE 2013/10/16	molex		
			3 PLACES ± --- ± ---								
			2 PLACES ± 0.13 ± ---								
			1 PLACE ± 0.25 ± ---								
			0 PLACE ± ±			APPROVED BY MBANAKIS		DATE 2010/01/14			
			ANGULAR ± 1/2°			MATERIAL NO.		DOCUMENT NO.			SHEET NO.
			DRAFT WHERE APPLICABLE			SEE CHART		SD-76866-025			2 OF 6
			MUST REMAIN WITHIN DIMENSIONS			THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION					



RECOMMENDED FOOTPRINT



NOTES:

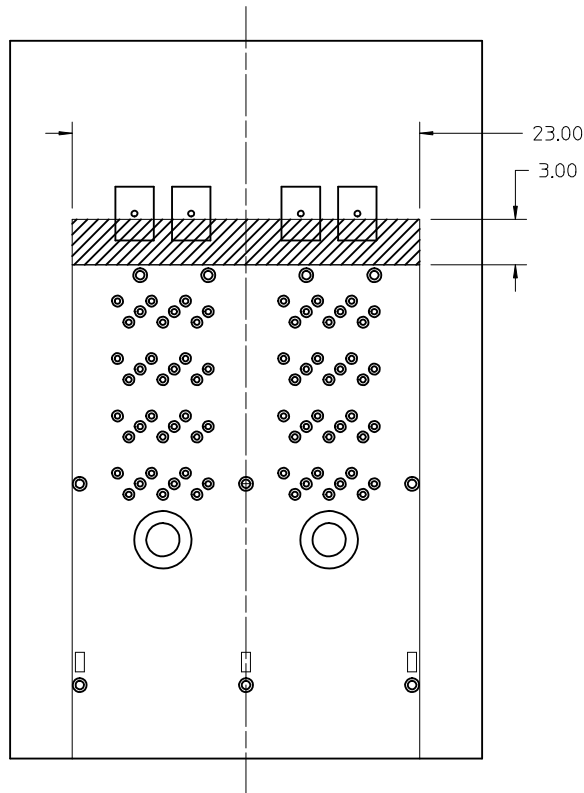
1. RECOMMENDED DRILL SIZE AND ANNULAR RING FOR 0.37 ϕ FINISHED PTH - REFER TO APPLICATION SPECIFICATION AS-76866-001
2. MINIMUM RECOMMENDED SPACING IS 25.00MM
3. MINIMUM PCB THICKNESS: 1.57MM
4. CONNECTOR KEEP OUT AREA
5. LOCATION OF LED CENTERLINE
6. RECOMMENDED DRILL SIZE AND ANNULAR RING FOR 0.57 ϕ FINISHED PTH - REFER TO APPLICATION SPECIFICATION AS-76866-001
7. CAGE STAND OFF AREA, NO TRACES ON SURFACE OF PCB IN THESE AREAS

SEE SHEET 1 EC NO: UCP2014-1665 DRWN:TMCCLELL 2013/10/15 CHKD:TMCCLELLAND 2013/10/16 APPR:MBANAKIS 2013/10/17 D5	DESCRIPTION	QUALITY SYMBOLS	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE MM ONLY		SCALE 4:1	DESIGN UNITS METRIC	 THIRD ANGLE PROJECTION	TITLE IPASS PLUS HD 1X2 ASSEMBLY LIGHT PIPE molex	DOCUMENT NO. SD-76866-025	SHEET NO. 3 OF 6
				mm	INCH	DRAWN BY KLANG	DATE 2009/06/02					
			4 PLACES ± ---	± ---	CHECKED BY TMCCLELLAND	DATE 2013/10/16						
			3 PLACES ± ---	± ---	APPROVED BY MBANAKIS	DATE 2010/01/14						
			2 PLACES ± 0.13	± ---	MATERIAL NO.							
			1 PLACE ± 0.25	± ---	SEE CHART							
			0 PLACE ±	±	DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS							
REV			ANGULAR ±1/2°		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

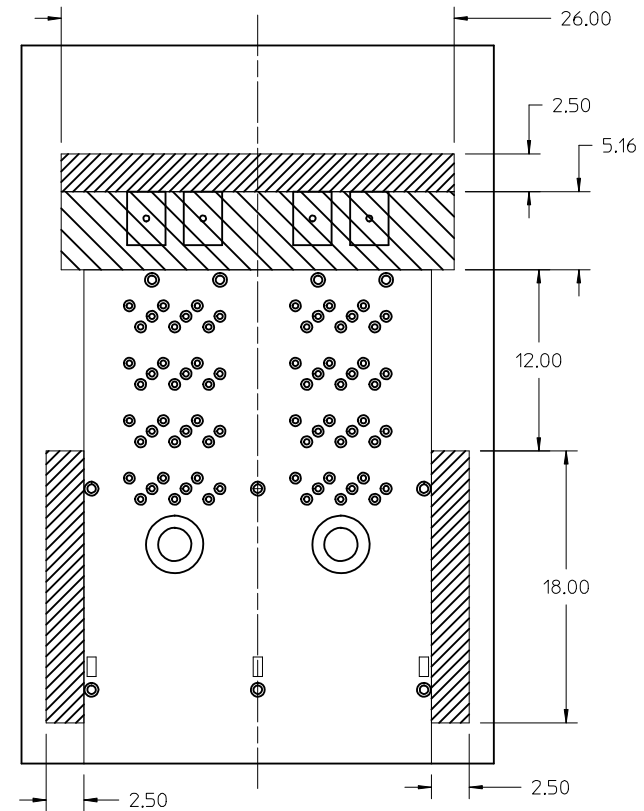
 NO COMPONENTS IN THIS AREA
MORE THAN 7.50 mm TALL



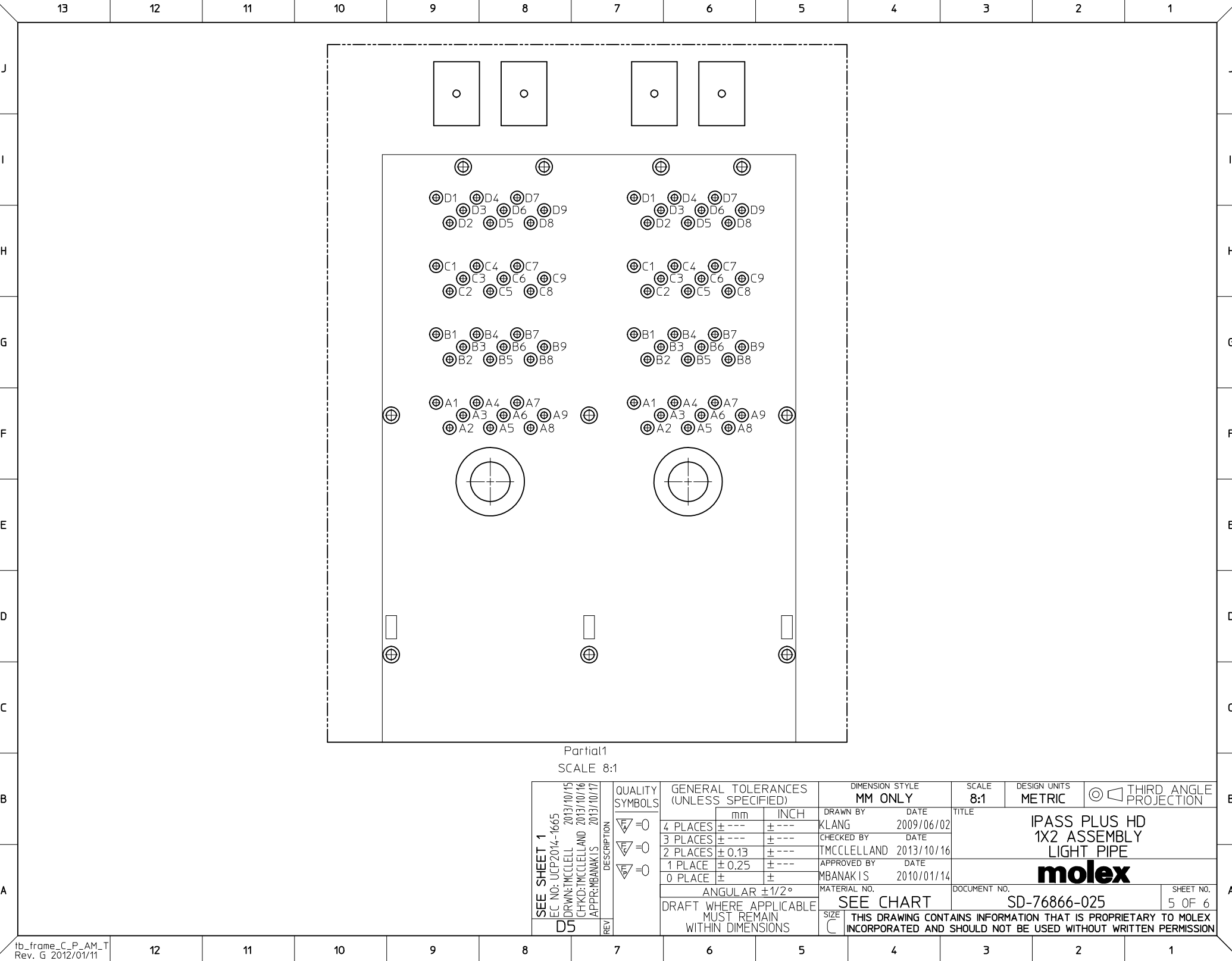
RECOMMENDED EXTRACTION TOOL

KEEP OUT AREA

 NO COMPONENTS IN THESE AREAS
 NO COMPONENTS IN THIS AREA
MORE THAN 5.00 mm TALL

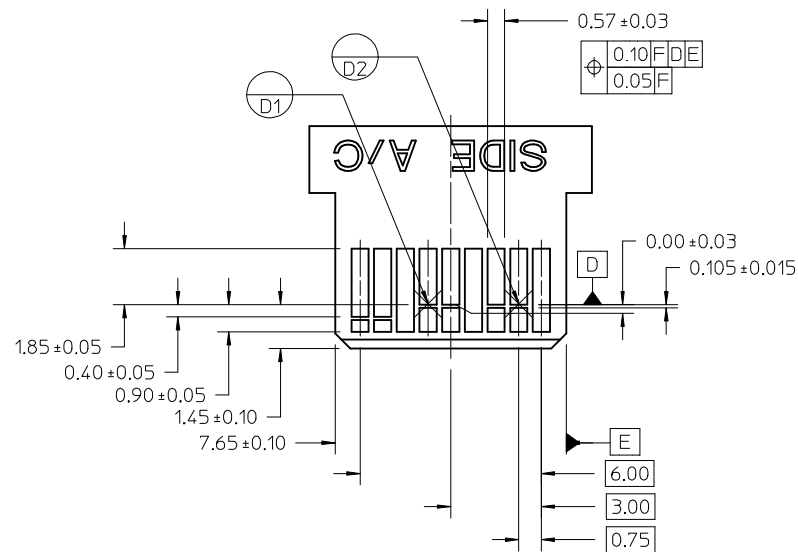
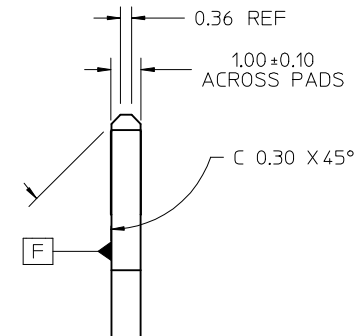
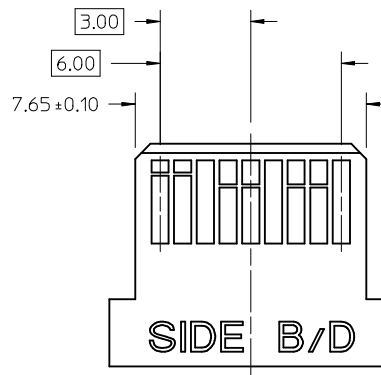


SEE SHEET 1 EC NO: UCP2014-1665 D5 DRWN:TMCCLELL 2013/10/15 CHKD:TMCCLELLAND 2013/10/16 APPR:MBANAKIS 2013/10/17	REV	DESCRIPTION	QUALITY SYMBOLS	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE MM ONLY		SCALE 4:1	DESIGN UNITS METRIC	 THIRD ANGLE PROJECTION				
				 F=0  E=0  S=0	mm	INCH	DRAWN BY	DATE	TITLE IPASS PLUS HD 1X2 ASSEMBLY LIGHT PIPE					
							4 PLACES	± ---			± ---	KLANG	2009/06/02	
							3 PLACES	± ---			± ---	CHECKED BY	DATE	
							2 PLACES	± 0.13			± ---	TMCCLELLAND	2013/10/16	
				1 PLACE	± 0.25	± ---	APPROVED BY	DATE	 MOLEX INCORPORATED					
				ANGULAR ±1/2°		MBANAKIS	2010/01/14							
				DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		MATERIAL NO.	DOCUMENT NO.	SHEET NO.						
						SEE CHART		SD-76866-025			4 OF 6			
						THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION								



Partial1
SCALE 8:1

SEE SHEET 1 EC NO: UCP2014-1665 DRWN:TMCCLELL 2013/10/15 CHKD:TMCCLELL AND 2013/10/16 APPR:MBANAKIS 2013/10/17	REV D5	DESCRIPTION	QUALITY SYMBOLS ▽=0 ▽=0 ▽=0	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE MM ONLY		SCALE 8:1	DESIGN UNITS METRIC	 THIRD ANGLE PROJECTION	TITLE IPASS PLUS HD 1X2 ASSEMBLY LIGHT PIPE molex	
					mm	INCH	DRAWN BY DATE KLANG 2009/06/02					
				4 PLACES	± ---	± ---	CHECKED BY DATE TMCCLELLAND 2013/10/16					
				3 PLACES	± ---	± ---	APPROVED BY DATE MBANAKIS 2010/01/14					
				2 PLACES	± 0.13	± ---	MATERIAL NO.		DOCUMENT NO.			
				1 PLACE	± 0.25	± ---	SEE CHART		SD-76866-025			
				0 PLACE	±	±	SIZE C		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								



NOTES:

- 0.05 MINIMUM KEEP OUT FOR SOLDER MASK AROUND ALL PADS
- DATUM D TARGETS ARE DEFINED BY THE RESPECTIVE PAD CENTER LINES AND THE LEADING EDGE OF THE TARGET PADS

SEE SHEET 1 EC NO: UCP2014-1665 D5 DRAWN:TMCCLELL 2013/10/15 CHKD:TMCCLELLAND 2013/10/16 APPR:MBANAKIS 2013/10/17	DESCRIPTION	QUALITY SYMBOLS	GENERAL TOLERANCES (UNLESS SPECIFIED)			DIMENSION STYLE MM ONLY		SCALE 8:1	DESIGN UNITS METRIC	 THIRD ANGLE PROJECTION
				mm	INCH	DRAWN BY KLANG	DATE 2009/06/02	TITLE IPASS PLUS HD 1X2 ASSEMBLY LIGHT PIPE molex		
			4 PLACES	± ---	± ---	CHECKED BY TMCCLELLAND	DATE 2013/10/16			
			3 PLACES	± ---	± ---	APPROVED BY MBANAKIS	DATE 2010/01/14			
			2 PLACES	± 0.13	± ---	MATERIAL NO. DOCUMENT NO. SD-76866-025				
			1 PLACE	± 0.25	± ---					
			0 PLACE	±	±	SEE CHART				
			ANGULAR ±1/2°			SIZE C		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							