

Excellent Integrated System Limited

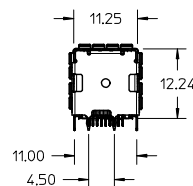
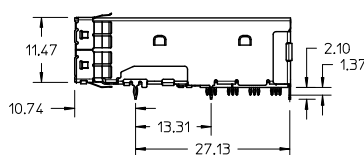
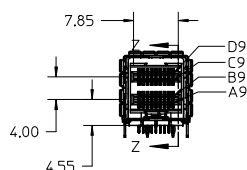
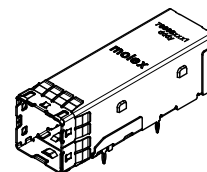
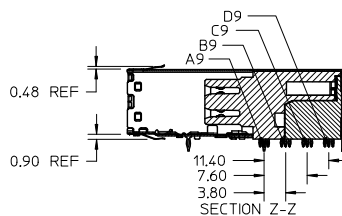
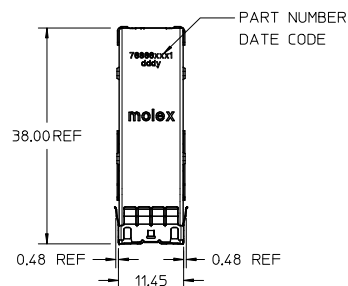
Stocking Distributor

Click to view price, real time Inventory, Delivery & Lifecycle Information:

[Molex Connector Corporation](#)
[0768660011](#)

For any questions, you can email us directly:

sales@integrated-circuit.com



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

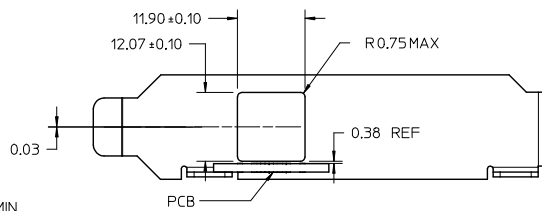
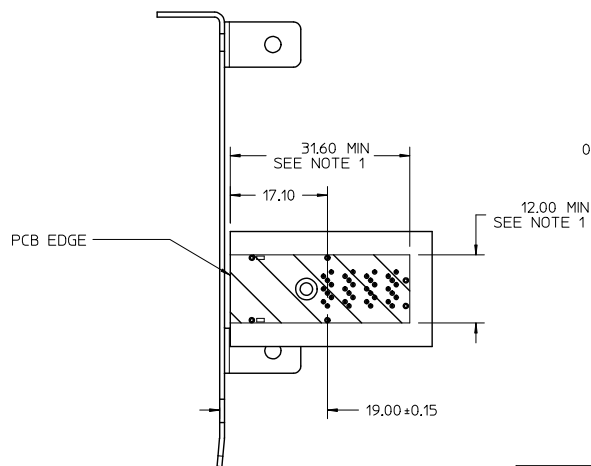
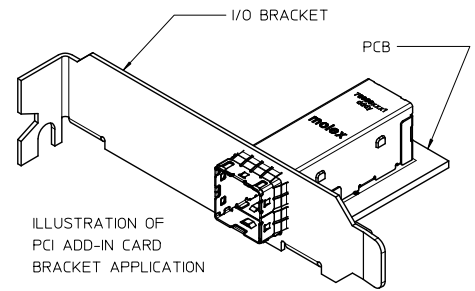
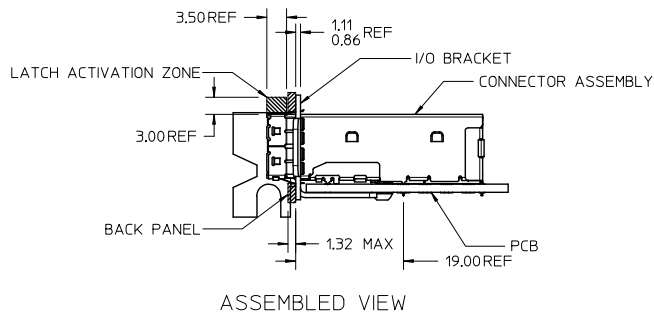
6. RECOMMENDED MOUNTING HARDWARE: REFER TO APPLICATION SPECIFICATION

AS-76866-001

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

REV	DESCRIPTION	QUALITY SYMBOLS	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE		SCALE	DESIGN UNITS	THIRD ANGLE PROJECTION			
			mm	INCH	MM ONLY	DATE	2:1	METRIC				
REV D4		▽=0 ▽=0	4 PLACES ±	±	DRAWN BY	2009/03/04	TITLE	IPASS PLUS HD 1X1 ASSEMBLY	MOLEX	MOLEX INCORPORATED		
			3 PLACES ±	±	CHECKED BY	DATE						
			2 PLACES ±	0.13	APPROVED BY	2010/01/14						
			1 PLACE ±	0.25	DATE	2010/01/14						
			ANGULAR ±1/2°		MATERIAL NO.						DOCUMENT NO.	SHEET NO.
			DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		76866-0011						SD-76866-001	1 OF 6
THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION												

PCI ADD-IN CARD APPLICATION



NOTES:
1. CONNECTOR KEEP OUT AREA

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

ALL OTHER M/B APPLICATIONS

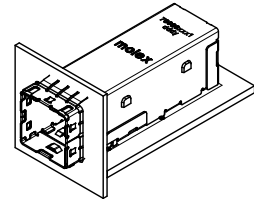
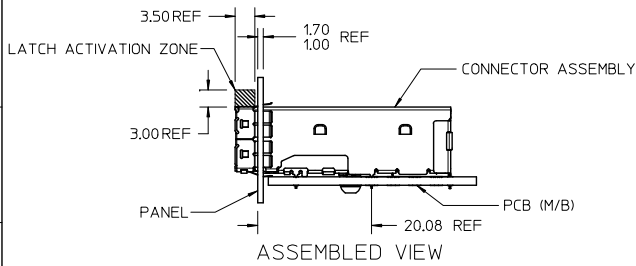
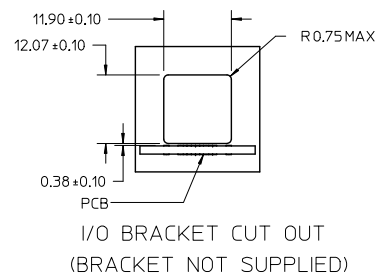
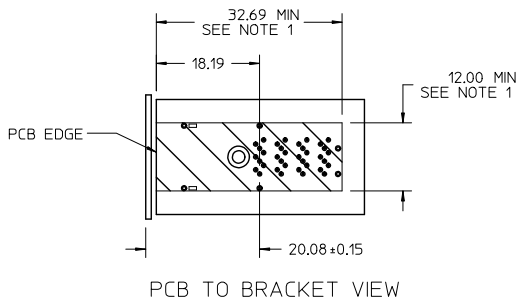


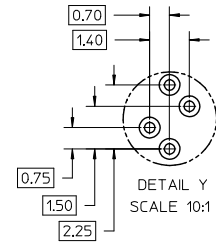
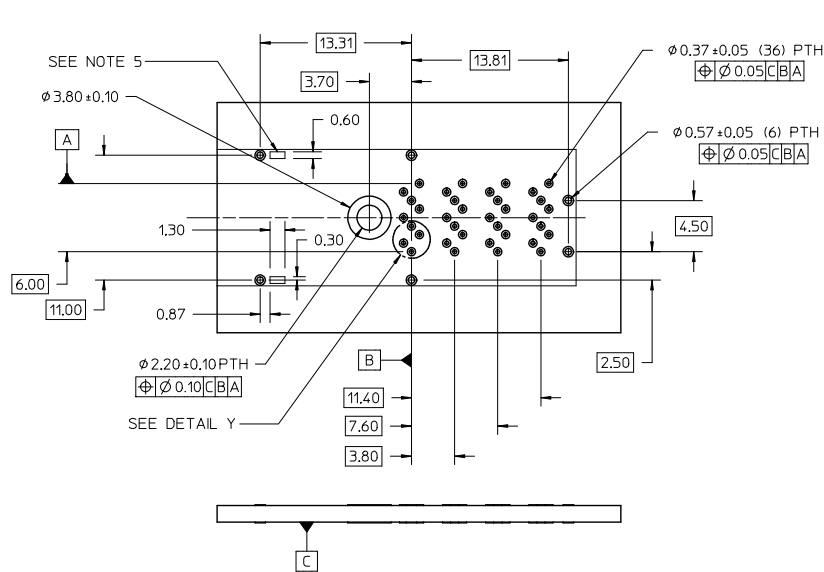
ILLUSTRATION OF
ALL OTHER M/B
BRACKET APPLICATION



NOTES:
1. CONNECTOR KEEP OUT AREA

SEE SHEET 1 EC NO: UCP2015-5060 DRAWN BY: DRINKKALLAGHAN 2015/06/01 CHECKED BY: TMCCLELLAND 2015/06/03 APPROVED BY: TMCCLELL 2015/06/18 REV: D4	DESCRIPTION	QUALITY SYMBOLS	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE MM ONLY		SCALE 2:1	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	
		▽=0	2 PLACES	±0.13	±---				
			1 PLACE	±0.25	±---	MATERIAL NO.	DOCUMENT NO.		SHEET NO.
				ANGULAR ±1/2°		DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		SD-76866-001	
	REV				SIZE C	THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION			

RECOMMENDED FOOTPRINT



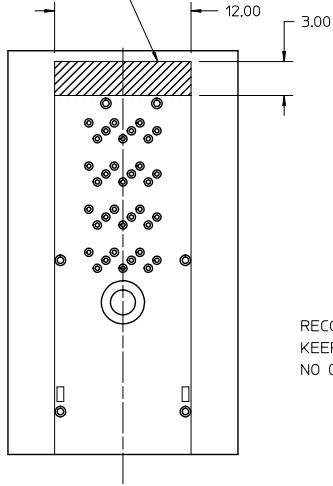
NOTES:

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

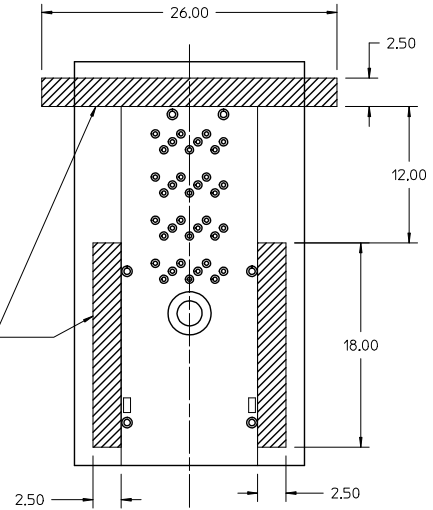
SEE SHEET 1 EC NO: UCP2015-5060 DRAWN: KLANG 2015/06/01 CHECKED: TMCLELLAND 2015/06/03 APPROVED: TMCLELL 2015/06/18	QUALITY SYMBOLS	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE		SCALE	DESIGN UNITS	THIRD ANGLE PROJECTION	
				MM ONLY		4:1	METRIC		
	▽=0	mm	INCH	DRAWN BY	DATE	TITLE		IPASS PLUS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

RECOMMENDED TOOLING KEEP OUT AREAS

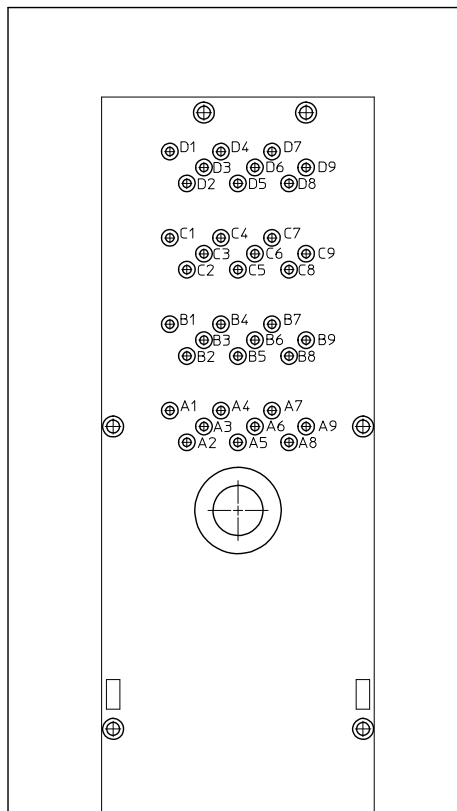
RECOMMENDED INSERTION TOOL
KEEP OUT AREA
NO COMPONENTS IN THIS AREA
MORE THAN 7.50 mm TALL



RECOMMENDED EXTRACTION TOOL
KEEP OUT AREA
NO COMPONENTS IN THESE AREAS



SEE SHEET 1 EC NO: UCP2015-5060 DRAWN KALLAGHAN 2015/06/01 CHKD: TMCCLELLAND 2015/06/03 APPR: TMCCLELL 2015/06/18 D4	QUALITY SYMBOLS ▽=0 ▽=0 ▽=0	DESCRIPTION	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE MM ONLY		SCALE 4:1	DESIGN UNITS METRIC	 THIRD ANGLE PROJECTION		
			mm	INCH	DRAWN BY KLING	DATE 2009/03/04	TITLE IPASS PLUS HD 1X1 ASSEMBLY				
			4 PLACES	± 0.13	± 0.005	CHECKED BY TMCCLELLAND	DATE 2010/01/14				
			3 PLACES	± 0.13	± 0.005	APPROVED BY MBANAKIS	DATE 2010/01/14				
			2 PLACES	± 0.13	± 0.005	MOLEX INCORPORATED					
			1 PLACE		± 0.25	± 0.010	MATERIAL NO.			DOCUMENT NO.	
			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			
REV	SEE SHEET 1 SD-76866-001 SHEET NO. 5 OF 6										



CIRCUIT IDENTIFICATION

SEE SHEET 1 EC NO: UCP2015-5060 DRAWN: KALLAGHAN 2015/06/01 CHKD: MCCLELLAND 2015/06/03 APPR: MCCLELL 2015/06/18 REV D4	QUALITY SYMBOLS ▽=0 ▽=0	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE MM ONLY		SCALE 8:1	DESIGN UNITS METRIC	THIRD ANGLE PROJECTION
				DRAWN BY DATE		TITLE		
		4 PLACES ±--- ±---		KLANG 2009/03/04		IPASS PLUS HD 1X1 ASSEMBLY		
		3 PLACES ±--- ±---		CHECKED BY DATE				
		3 PLACES ±0.13 ±---		TMCCLELLAND 2010/01/14				
		1 PLACE ±0.25 ±---		APPROVED BY DATE				
		ANGULAR ±1/2°		MBANAKIS 2010/01/14		MOLEX INCORPORATED		
		DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		MATERIAL NO.		DOCUMENT NO.		SHEET NO.
				SEE SHEET 1		SD-76866-001		6 OF 6
				SIZE		THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION		