

Excellent Integrated System Limited

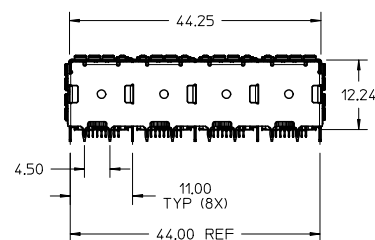
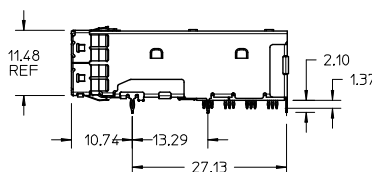
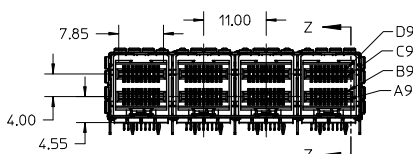
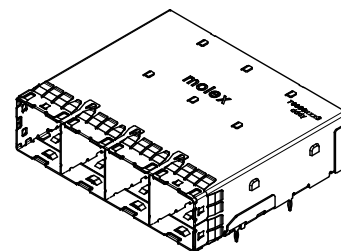
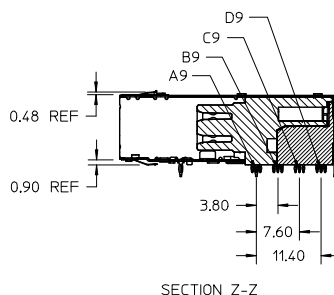
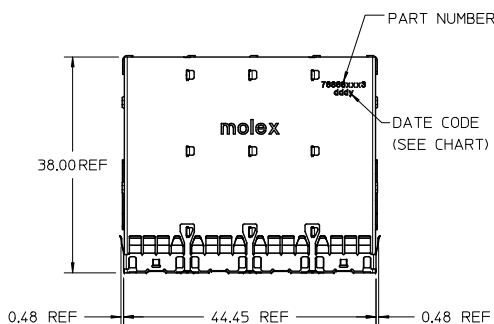
Stocking Distributor

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

[Molex Connector Corporation](#)
[0768660003](#)

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 CAGE BASE: STAINLESS STEEL
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 TIN OVER 2.54μM MIN NICKEL

3. PRODUCT SPECIFICATION: PS-76866-001

4. PACKAGING SPECIFICATION: PK-76866-001

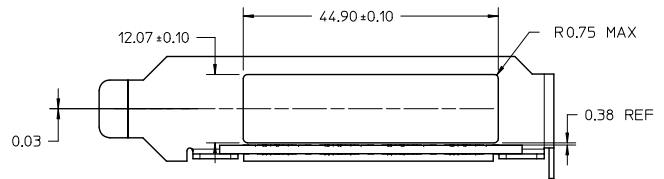
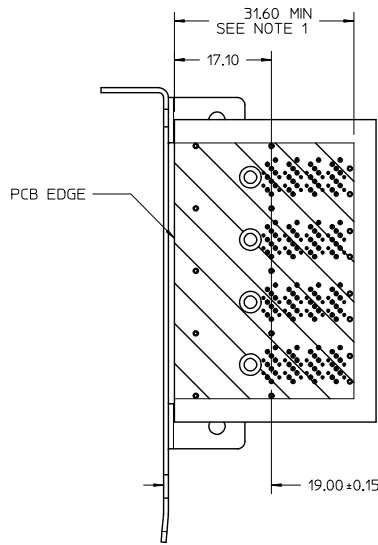
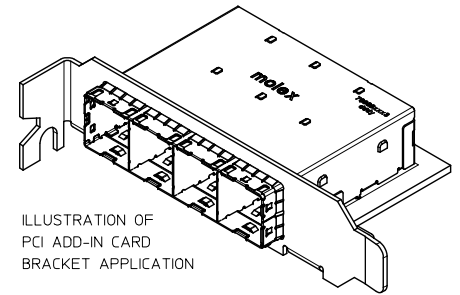
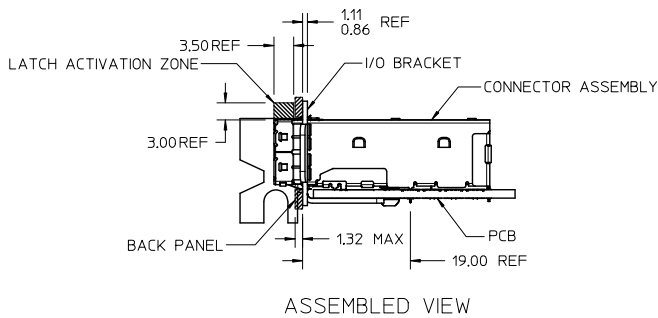
5. MATES WITH: MOLEX CABLE SERIES 111068 & 111073

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


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

ADDED PF NUT CAGE EC NO: UCP2016-0275 DRAWN BY: 2016/01/19 CHKD: MCCLELLAND 2016/07/08 APPR: MILLER 2016/07/08 REV	QUALITY SYMBOLS ∇=0 ∇=0 ∇=0	GENERAL TOLERANCES (UNLESS SPECIFIED) 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 2009/03/4 CHECKED BY: DATE TMCCLELLAND 2010/01/14 APPROVED BY: DATE MBANAKIS 2010/01/14	SCALE 2:1 TITLE IPASS PLUS HD 1X4 ASSY molex 76866-0013 SD-76866-003	DESIGN UNITS METRIC THIRD ANGLE PROJECTION	MEXICO CHINA MANUFACTURING LOCATION DATE CODE DDDY MSHDDY	SHEET NO. 1 OF 6

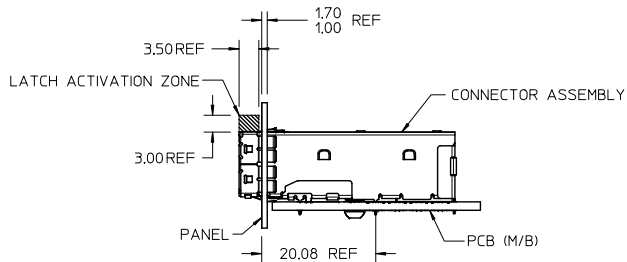
PCI ADD-IN CARD APPLICATION



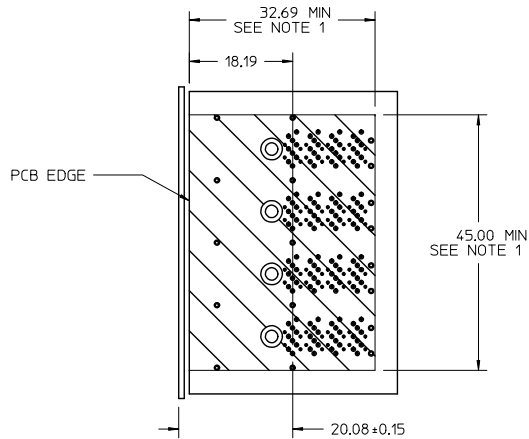
NOTES:
1. CONNECTOR KEEP OUT ZONE: PCB COMPONENTS ARE NOT ALLOWED IN THIS AREA.

SEE SHEET 1 EC NO: 2016-0275 DRAWN: TMCLELL CHKD: TMCLELLAND APPR: MILLER 2016/01/19 2016/07/06	QUALITY SYMBOLS	GENERAL TOLERANCES (UNLESS SPECIFIED)	DIMENSION STYLE		SCALE	DESIGN UNITS	THIRD ANGLE PROJECTION				
			MM ONLY		2:1	METRIC					
			mm INCH		DRAWN BY	DATE	TITLE				
			4 PLACES ± ±		KLANG	2009/03/4	IPASS PLUS HD 1X4 ASSY				
			3 PLACES ± ±		CHECKED BY	DATE					
			2 PLACES ± 0.13		TMCLELLAND	2010/01/14					
			1 PLACE ± 0.25		APPROVED BY	DATE					
			0 PLACE ± ±		MBANAKIS	2010/01/14					
			ANGULAR ±1/2°		MATERIAL NO.		DOCUMENT NO.				
			DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		SEE SHEET 1		SD-76866-003		SHEET NO. 2 OF 6		
REV	DESCRIPTION	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



PCB TO BRACKET VIEW

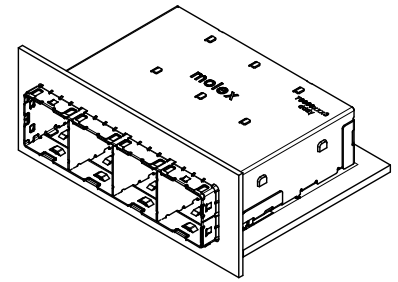
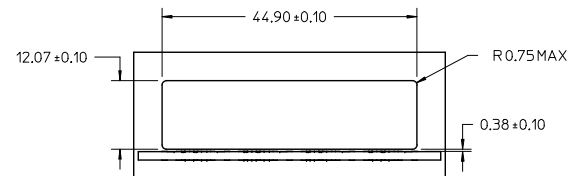


ILLUSTRATION OF
ALL OTHER M/B
BRACKET APPLICATION

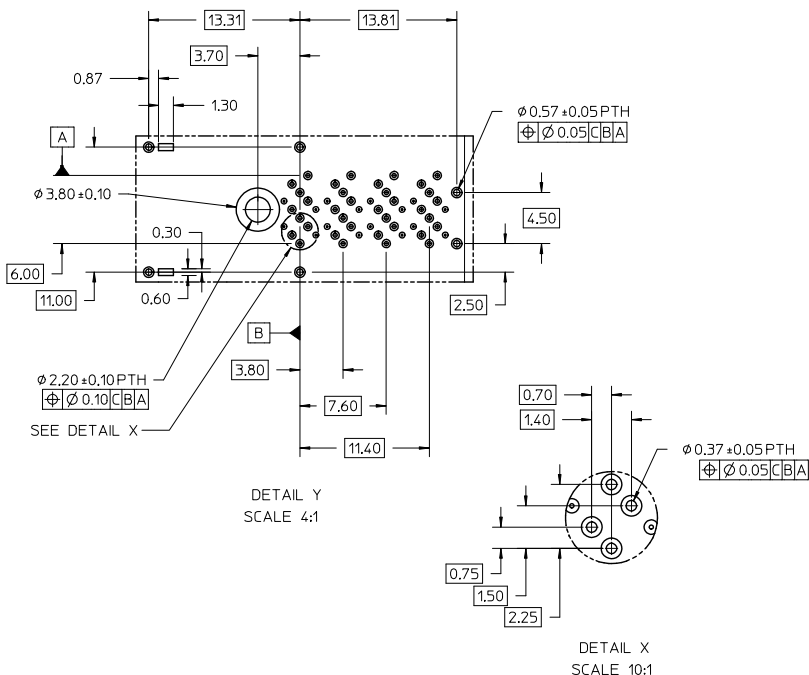
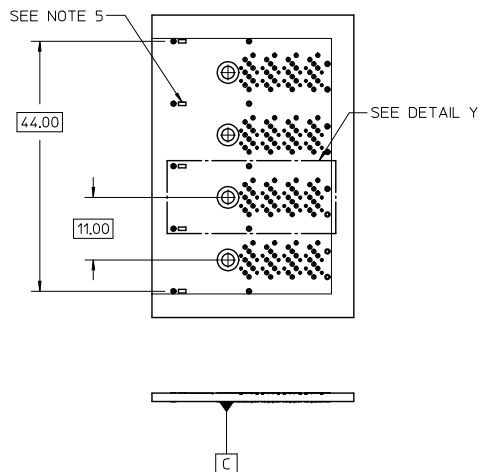


I/O BRACKET CUT OUT
(BRACKET NOT SUPPLIED)

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

REV	DESCRIPTION	QUALITY SYMBOLS	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE		SCALE	DESIGN UNITS	THIRD ANGLE PROJECTION
			mm	INCH	MM ONLY	DATE			
1	4 PLACES	▽=0	± 0.13	± 0.005	KLING	2009/03/4	2:1	METRIC	IPASS PLUS HD 1X4 ASSY
2	3 PLACES	▽=0	± 0.13	± 0.005	CHECKED BY	DATE			
3	2 PLACES	▽=0	± 0.13	± 0.005	TMCCLELLAND	2010/01/14			molex
4	1 PLACE	▽=0	± 0.25	± 0.010	APPROVED BY	DATE			
5	0 PLACE	▽=0	± 0.25	± 0.010	MBANAKIS	2010/01/14			DOCUMENT NO.
6									
7									SHEET NO.
8									
9									3 OF 6
10									
11									SD-76866-003
12									
13									THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION
14									

RECOMMENDED FOOTPRINT



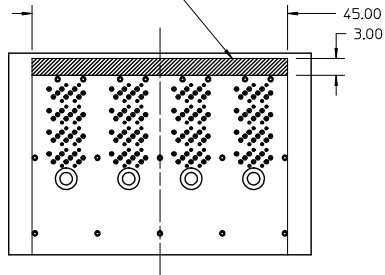
NOTES:

1. RECOMMENDED DRILL SIZE AND ANNULAR RING FOR 0.37 ϕ FINISHED PTH - REFER TO APPLICATION SPECIFICATION AS-76866-001
2. MINIMUM RECOMMENDED SPACING: 47.00MM
3. MINIMUM PCB THICKNESS: 1.57MM
4. RECOMMENDED DRILL SIZE AND ANNULAR RING 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

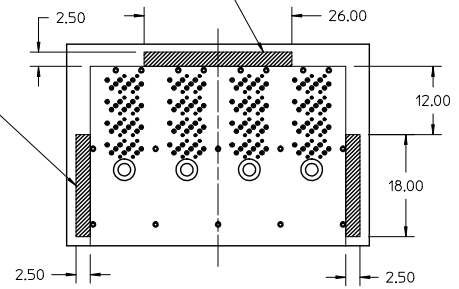
REV	DESCRIPTION	QUALITY SYMBOLS	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE		SCALE	DESIGN UNITS	THIRD ANGLE PROJECTION	TITLE	DOCUMENT NO.	SHEET NO.
			mm	INCH	MM ONLY	DATE						
1	4 PLACES	$\nabla=0$	± 0.13	± 0.005	KLING	2009/03/4	2:1	METRIC		IPASS PLUS HD 1X4 ASSY	SD-76866-003	4 OF 6
2	3 PLACES	$\nabla=0$	± 0.13	± 0.005	CHECKED BY	DATE						
3	2 PLACES	$\nabla=0$	± 0.13	± 0.005	TMCCLELLAND	2010/01/14						
4	1 PLACE	$\nabla=0$	± 0.25	± 0.010	APPROVED BY	DATE						
5	0 PLACE	$\nabla=0$	± 0.25	± 0.010	MBANAKIS	2010/01/14						
ANGULAR $\pm 1/2^\circ$			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		MOLEX			





RECOMMENDED TOOLING KEEP OUT AREAS

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



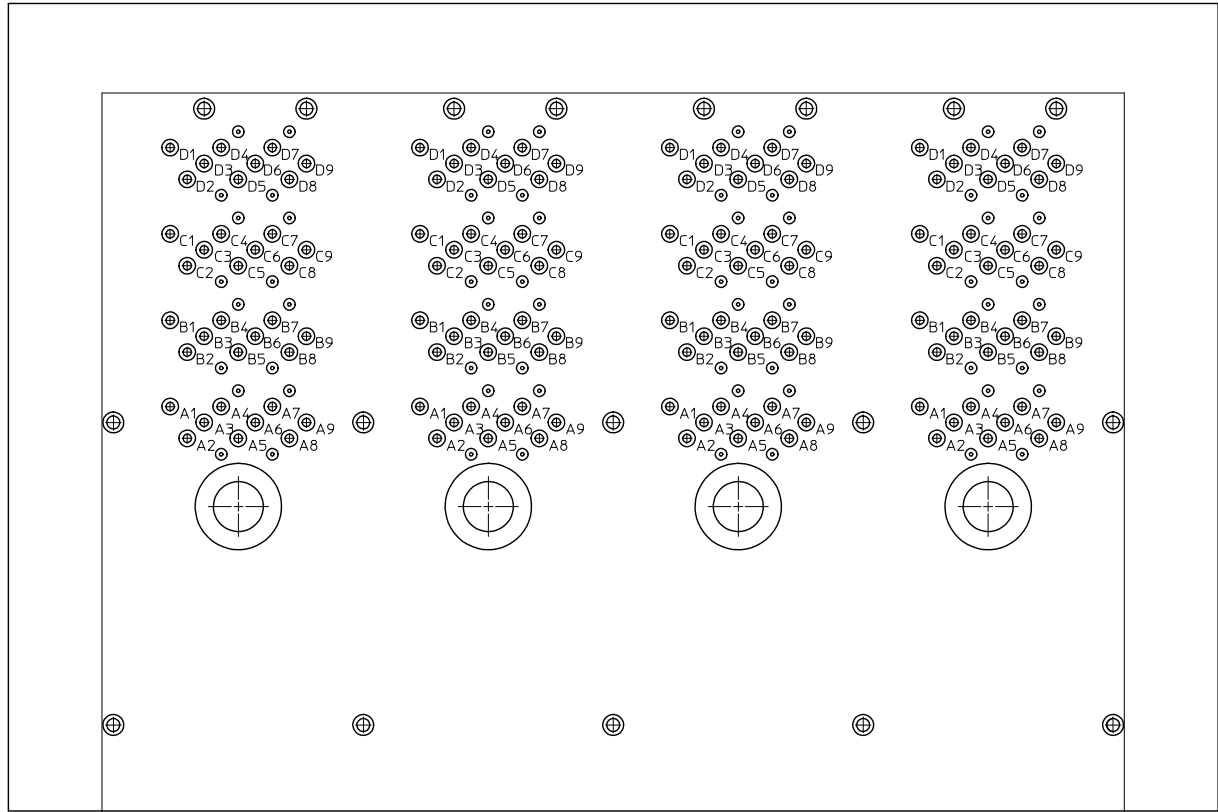
RECOMMENDED EXTRACTION TOOL
KEEP OUT AREA
NO COMPONENTS IN THESE AREAS



SEE SHEET 1 EC NO: UCF2016-0275 DRAWN BY: TMCCLELLAND 2010/01/14 CHECKED BY: MBANAKIS 2010/01/14 APPROVED BY: MBANAKIS 2010/01/14	DESCRIPTION	QUALITY SYMBOLS	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE MM ONLY		SCALE 2:1	DESIGN UNITS METRIC	 THIRD ANGLE PROJECTION
		 =0  =0  =0		mm	INCH	DRAWN BY KLANK	DATE 2009/03/4	TITLE IPASS PLUS HD 1X4 ASSY	
			4 PLACES	± ---	± ---	CHECKED BY TMCCLELLAND	DATE 2010/01/14	molex SD-76866-003	
			3 PLACES	± ---	± ---	APPROVED BY MBANAKIS	DATE 2010/01/14		
			2 PLACES	± 0.13	± ---	MATERIAL NO.			DOCUMENT NO.
			1 PLACE	± 0.25	± ---	ANGULAR ± 1/2°			SHEET NO.
		0 PLACE	± ---	± ---	DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		SEE SHEET 1	SD-76866-003	5 OF 6

SIZE

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CIRCUIT IDENTIFICATION

SEE SHEET 1 EC NO: UCP2016-0275 DRAWN BY: MCLELL 2016/01/19 CHECKED BY: MCLELLAND 2016/07/06 APPR: SMILLER 2016/07/06 DESCRIPTION REV	QUALITY SYMBOLS ▽=0 ▽=0 ▽=0	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE MM ONLY		SCALE 8:1	DESIGN UNITS METRIC	THIRD ANGLE PROJECTION
			mm	INCH	DRAWN BY KLANG	DATE 2009/03/4	IPASS PLUS HD 1X4 ASSY	molex
			4 PLACES ± ---	± ---	CHECKED BY TMCLELLAND	DATE 2010/01/14		
			3 PLACES ± ---	± ---	APPROVED BY MBANAKIS	DATE 2010/01/14		
			2 PLACES ± 0.13	± ---				
			1 PLACE ± 0.25	± ---				
			0 PLACE ±	±				
		ANGULAR ± 1/2°		MATERIAL NO.	DOCUMENT NO.			
		DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		SEE SHEET 1		SD-76866-003		
				SHEET NO. 6 OF 6				
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