

Excellent Integrated System Limited

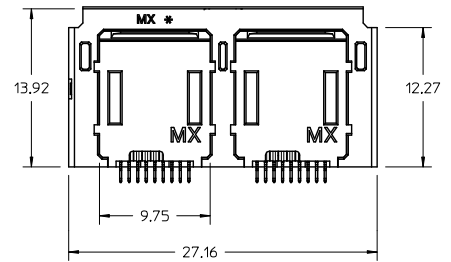
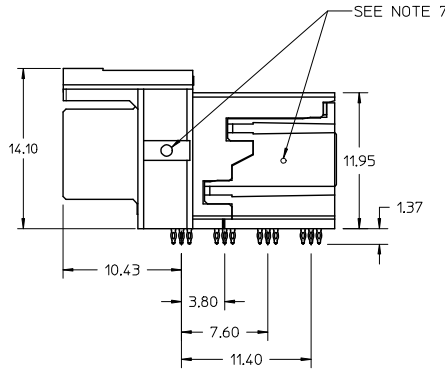
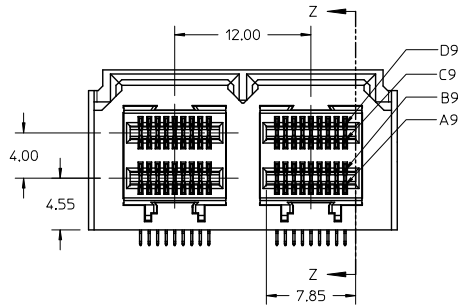
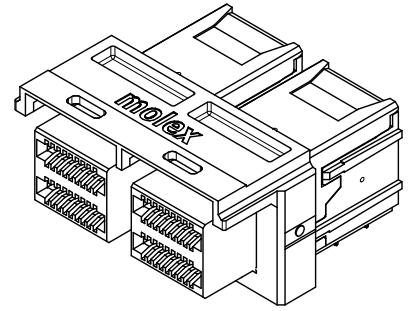
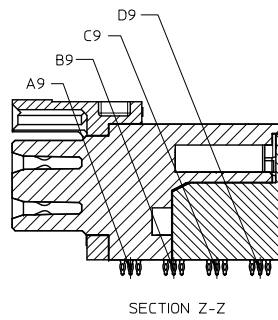
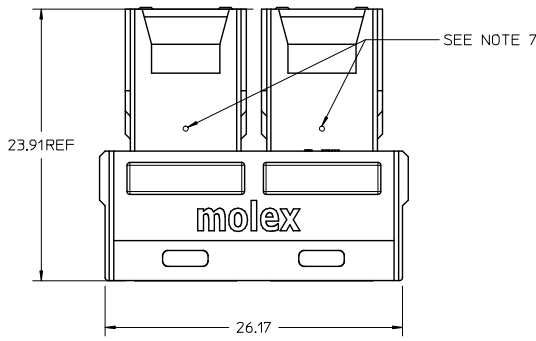
Stocking Distributor

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

[Molex Connector Corporation](#)
[0768670012](#)

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
TERMINALS: COPPER ALLOY

2. FINISHES:

CONTACT AREA: 0.76μM MIN GOLD OVER 2.54μM MIN NICKEL
TAIL AREA:
OPTION 1: 0.76μM-152μM TIN/LEAD (90/10) OVER 2.54μM MIN NICKEL
OPTION 2: 0.76μM-152μM TIN (LEAD FREE) OVER 2.54μM MIN NICKEL

3. PRODUCT SPECIFICATION: PS-76867-001

4. PACKAGING SPECIFICATION: PK-76867-001

5. MATES WITH: MOLEX CABLE SERIES 100171, 100189, 100190 & 100191

6. MOUNTING HARDWARE NOT SUPPLIED, REFER TO APPLICATION SPECIFICATION
AS-76867-001

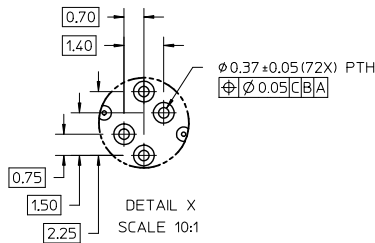
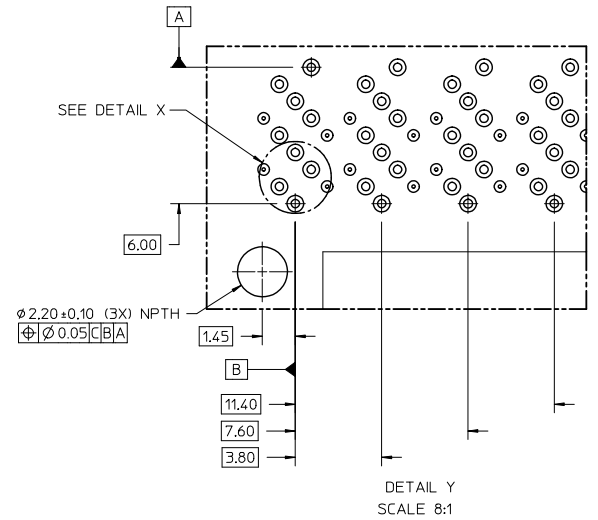
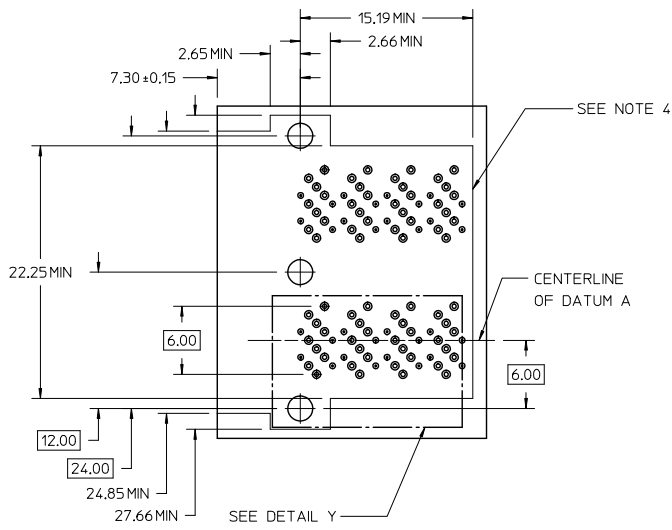
7. APPROXIMATE MOLDING GATE LOCATION

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

PLATING OPT.	MATERIAL NO.
OPTION 1	76867-0002
OPTION 2	76867-0012

REV'D GATE LOCATION REC. NO: UCP2015-4516 DRAWN: MCLELL 2015/04/28 CHKD: MCLELLAND 2015/04/28 APPR: MCLELL 2015/04/28	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 DATE KLANG 2009/05/15		TITLE IPASS PLUS HD 1X2 ASSEMBLY INTERNAL molex DOCUMENT NO. SD-76867-002 SHEET NO. 1 OF 3		
			4 PLACES ±.005 ±.005		CHECKED BY DATE				
			3 PLACES ±.013 ±.010		APPROVED BY DATE MBANAK IS 2010/11/17				
			2 PLACES ±.025 ±.010		MATERIAL NO.				
			1 PLACE ±.013 ±.010		SEE CHART				
			0 PLACE ±.013 ±.010		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		
			ANGULAR ±1/2°		DOCUMENT NO.		SD-76867-002		
			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		
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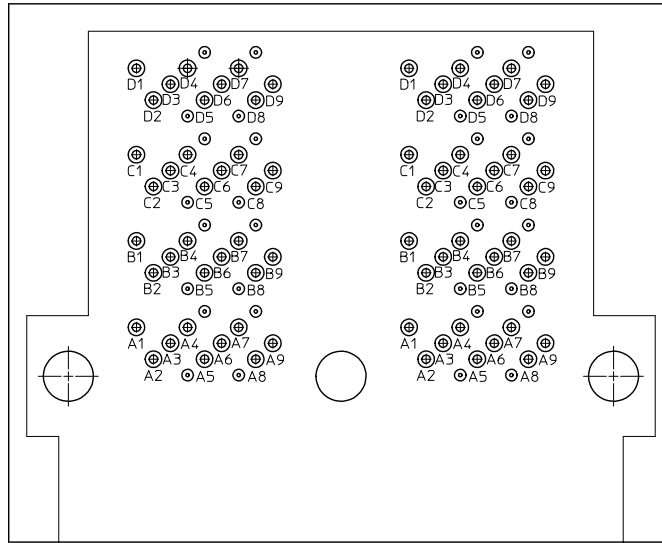
RECOMMENDED FOOTPRINT



- NOTES:
1. RECOMMENDED DRILL SIZE AND ANNULAR RING FOR A 0.37 ϕ FINISHED PTH - REFER TO APPLICATION SPECIFICATION AS-76867-001
 2. MINIMUM RECOMMENDED SPACING: 14.00MM
 3. MINIMUM PCB THICKNESS: 1.57MM
 4. CONNECTOR KEEP OUT AREA

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						
4	PLACES	±	---	---	KLING	2009/05/15	4:1	METRIC	IPASS PLUS HD 1X2 ASSEMBLY INTERNAL	molex	SD-76867-002	2 OF 3
3	PLACES	±	---	---	CHECKED BY	DATE						
2	PLACES	±	0.13	±.010	APPROVED BY	DATE	SEE CHART	THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION				
1	PLACE	±	0.25	±	MBANAKIS	2010/11/17						
0	PLACE	±	---	---	MATERIAL NO.	DATE	SEE CHART	THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION				
					SIZE	DATE						

FOOTPRINT CIRCUIT IDENTIFICATION



SEE SHEET 1 REV. NO. UCP2015-4516 DRAWN: MCLELLAN CHKD: MCLELLAN APPR: MCLELLAN REV. NO. 2015/04/28 2015/04/28	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 INTERNAL molex SD-76867-002 3 OF 3		
			mm INCH		DRAWN BY KLANG	DATE 2009/05/15	TOLERANCES					
			4 PLACES ± --- ± ---		CHECKED BY		DATE					
			3 PLACES ± --- ± .005		APPROVED BY		DATE					
			2 PLACES ± 0.13 ± .010		MBANAKIS		2010/11/17					
			1 PLACE ± 0.25 ± ---		MATERIAL NO.		DOCUMENT NO.					
			0 PLACE ± ±		SEE CHART							
			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					