

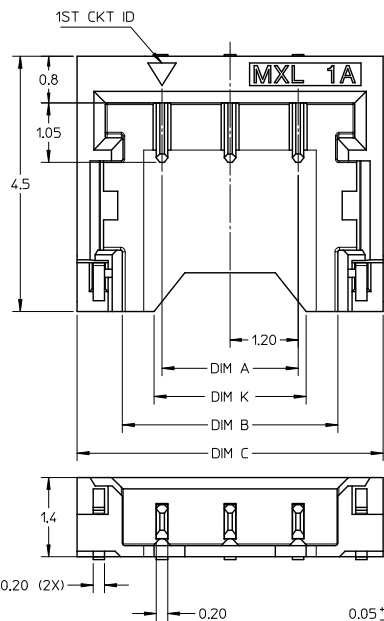
Excellent Integrated System Limited

Stocking Distributor

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[Molex Connector Corporation](#)
[0781710004](#)

For any questions, you can email us directly:
sales@integrated-circuit.com



NOTES:

1. MATERIALS:

HOUSING: LCP, UL94V-0, COLOUR : BLACK

TERMINAL: COPPER ALLOY

FITTING NAIL: COPPER ALLOY

2. FINISHES:

TERMINAL : GOLD 0.14μm MIN. WITH 1.0 μm MIN NICKEL

UNDERPLATE OVERALL

FITTING NAIL : 1.5 μm MIN TIN WITH 1.0μm MIN NICKEL

UNDERPLATE OVERALL.

3. PRODUCT SPECIFICATION: PS-78171-010

4. PACKAGING SPECIFICATION: TAPE & REEL PACKAGING

5. MATES WITH MOLEX PART NUMBER 78172-00**

6. 3 CIRCUITS IS SHOWN FOR ILLUSTRATION PURPOSE ONLY

7. SOLDER TAIL AND FITTING NAIL COPLANARITY : 0.10 MM MAX TO BE MEASURED BY PLACING THE CONNECTOR ON A FLAT GAUGED SURFACE.

8. ELV & RoHS COMPLIANT.

MATING VIEW

HEADER ASSEMBLY
78171-00**

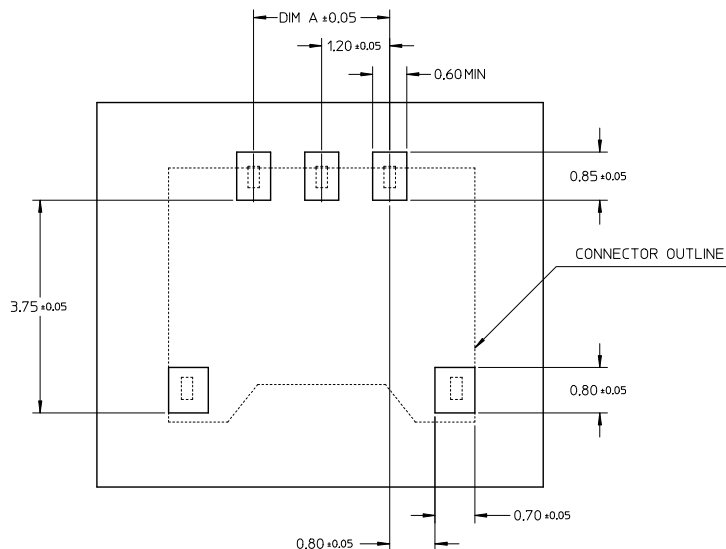
RECEPTACLE HOUSING
78172-000*

(1.55)

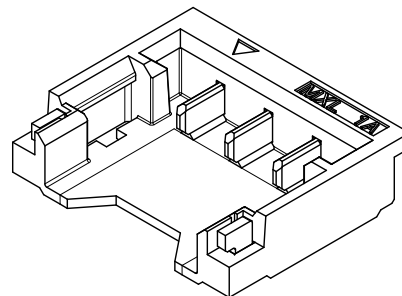
PCB

CKT SIZE	PART NUMBER	DIM A	DIM B	DIM C	DIM K
2	78171-0002	1.2	2.6	4.2	1.5
3	78171-0003	2.4	3.8	5.4	2.7
4	78171-0004	3.6	5.0	6.6	3.9
5	78171-0005	4.8	6.2	7.8	5.1

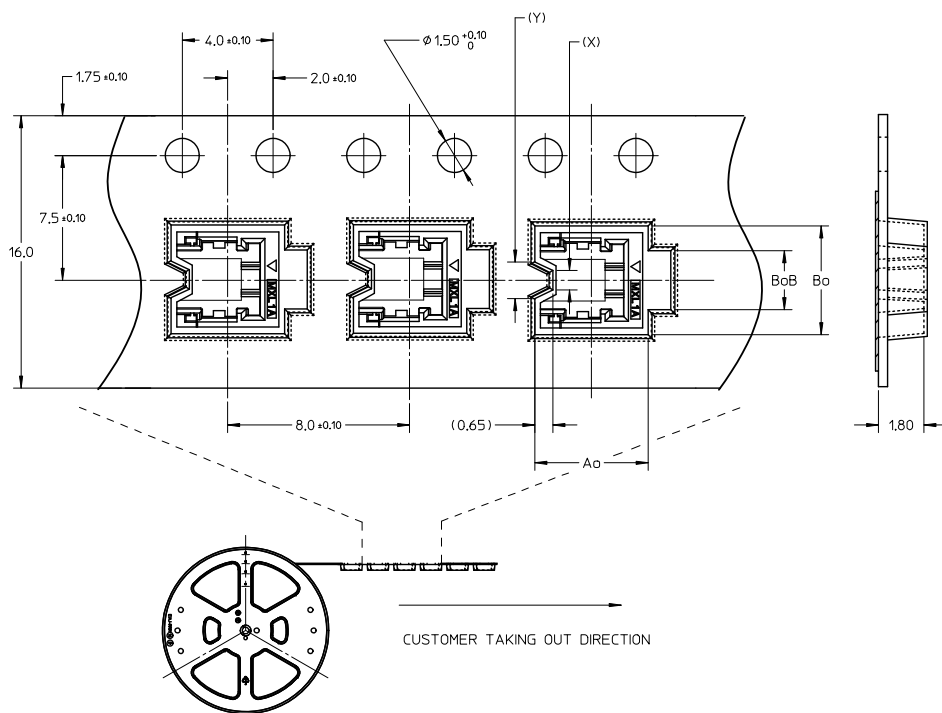
REVISED	EC NO. : Z2015-0470	DESCRIPTION	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE MM ONLY		SCALE ---	DESIGN UNITS METRIC	 THIRD ANGLE PROJECTION
	DRWING NAME : CHKDKASAKAWA	2014/10/02	10 UNDER	± 0.2	DRAWN BY : C/LAM	DATE : 2007/10/25	TITLE 1.20MM PITCH, W-T-B HEADER CONNECTOR		
	2014/10/02	10 OVER 30 UNDER	± 0.25	CHECKED BY : KSSHANTHA	DATE : 2007/12/07				
	2014/10/15	30 OVER	± 0.3	APPROVED BY : NUKITA	DATE : 2010/10/25				
	APPR-NUKITA	ANGULAR ± 3 °		MATERIAL NO.		DOCUMENT NO.			
REV			DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		SEE CHART		SD-78171-008		SHEET NO. 1 OF 3
		SIZE	THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION						



RECOMMENDED PCB LAYOUT

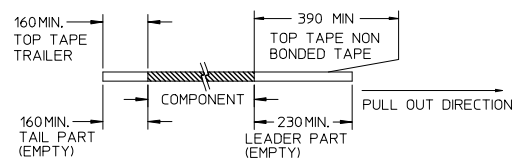
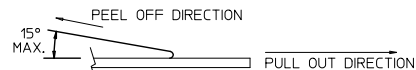


SEE SHEET 1	2014/10/02	DESCRIPTION	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE MM ONLY		SCALE ---	DESIGN UNITS METRIC	 THIRD ANGLE PROJECTION
	2014/10/02		10 UNDER	± 0.2	DRAWN BY CWLAM	DATE 2007/10/25	TITLE 1.20MM PITCH, W-T-B HEADER CONNECTOR		
	2014/10/02		10 OVER 30 UNDER	± 0.25	CHECKED BY KSSHANTHA	DATE 2007/12/07			
	2014/10/15		30 OVER	± 0.3	APPROVED BY NUKITA	DATE 2010/10/25			
	2014/10/15		ANGULAR	± 3 °	MATERIAL NO.		DOCUMENT NO.		SD-78171-008
REV	DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		SEE SHEET 1				SHEET NO. 2 OF 3		
			SIZE A3		THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION				



NOTES:

1. LEADER AND TRAILER TAPE

2. PEELING OFF FORCE OF THE TOP TAPE: 20 - 80gf.
(PEELING DIRECTION AS SHOWN IN FOLLOWING FIGURE)

3. TAPE AND REEL SPECIFICATION IS AS PER EIA-481.
4. TAPE AND REEL QUANTITY : 4500 PCS/ REEL.
5. MATERIAL : CARRIER TAPE : PP CLEAR
REEL / FLANGE : PS, COLOUR : BLACK
6. A0 & Bo ARE MEASURED ON A PLANE 0.3MM ABOVE THE BOTTOM OF THE POCKET.

CKT	A0	Bo	BoB	(X)	(Y)
2	5.0	4.7	2.6	0.74	1.54
3	5.0	5.9	3.8	1.94	2.74
4	5.0	7.1	5.0	3.14	3.94
5	5.0	8.3	6.2	4.34	5.14

SEE SHEET 1 EC NO: 2015-0470 DRAWN: YMAKE CHKD: KASKAWA 2014/10/02 APPR: NUKITA 2014/10/15	DESCRIPTION	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE MM ONLY		SCALE ---	DESIGN UNITS METRIC	THIRD ANGLE PROJECTION		
		10 UNDER	± 0.2	DRAWN BY CWLAM	DATE 2007/11/25	1.20MM PITCH, W-T-B HEADER CONNECTOR				
		10 OVER 30 UNDER	± 0.25	CHECKED BY KSSHANTHA	DATE 2007/12/07					
		30 OVER	± 0.3	APPROVED BY NUKITA	DATE 2010/10/25					
		ANGULAR	± 3 °	MATERIAL NO.		molex				
		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				