

Excellent Integrated System Limited

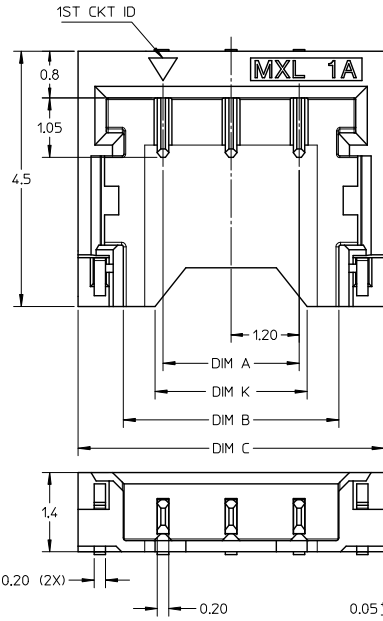
Stocking Distributor

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

[Molex Connector Corporation](#)
[0781710003](#)

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

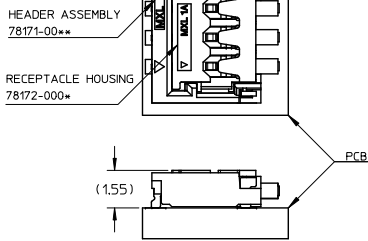
5. MATES WITH MOLEX PART NUMBER 78172-00**

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.**

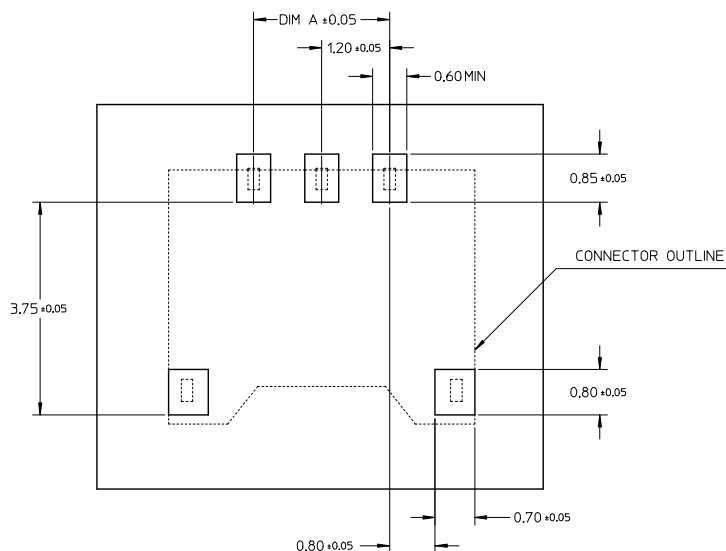
8. ELV & RoHS COMPLIANT.

MATING VIEW

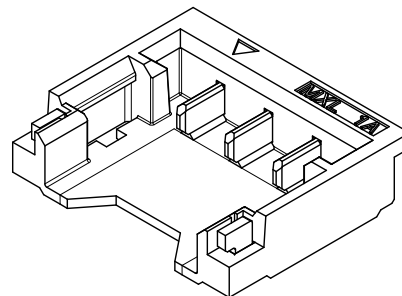


CKT SIZE	PART NUMBER	DIM A	DIM B	DIM C	DIM K
2	78171-0002	1.2	2.6	4.2	1.5
3	78171-0003	2.4	3.8	5.4	2.7
4	78171-0004	3.6	5.0	6.6	3.9
5	78171-0005	4.8	6.2	7.8	5.1

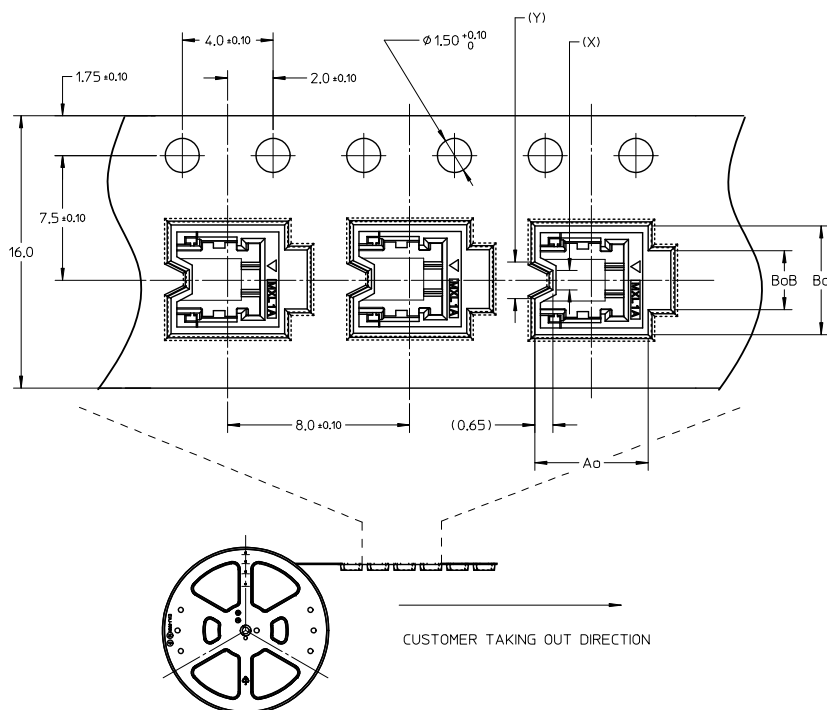
REVISED EC NO. :J2015-0470 DRAWN-WAKE CHKD-CHAKKANA 2014/10/02 2014/10/02 2014/10/15 APPR-NUKITA	DESCRIPTION	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE MM ONLY		SCALE ---	DESIGN UNITS METRIC	 THIRD ANGLE PROJECTION	
		10 UNDER	± 0.2	DRAWN BY	DATE	TITLE 1.20MM PITCH, W-T-B HEADER CONNECTOR			
		10 OVER 30 UNDER	± 0.25	CWLAM	2007/10/25				
		30 OVER	± 0.3	CHECKED BY	DATE				
		ANGULAR ± 3 °		APPROVED BY	DATE				
		NUKITA	2010/10/25						
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		MATERIAL NO.		DOCUMENT NO.					
		SEE CHART		SD-78171-008		1 OF 3			
SIZE A3		THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION							



RECOMMENDED PCB LAYOUT

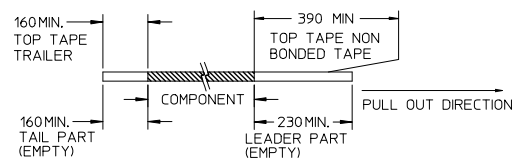


SEE SHEET 1	2014/10/02	DESCRIPTION	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE MM ONLY		SCALE ---	DESIGN UNITS METRIC	 THIRD ANGLE PROJECTION
	2014/10/02		10 UNDER	± 0.2	DRAWN BY CWLAM	DATE 2007/10/25	TITLE 1.20MM PITCH, W-T-B HEADER CONNECTOR		
	2014/10/02		10 OVER 30 UNDER	± 0.25	CHECKED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

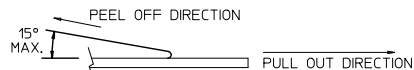


NOTES:

1. LEADER AND TRAILER TAPE



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



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

CKT	Ao	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 DRAWN: WAKE CHECK: KASAKAWA APPROVED: NUKITA REV	DESCRIPTION	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE MM ONLY		SCALE ---	DESIGN UNITS METRIC	THIRD ANGLE PROJECTION		
		10 UNDER	± 0.2	DRAWN BY CWLAM	DATE 2007/10/25	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.						
		DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		SEE SHEET 1		DOCUMENT NO. SD-78171-008		SHEET NO. 3 OF 3		
				SIZE A3		THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION				