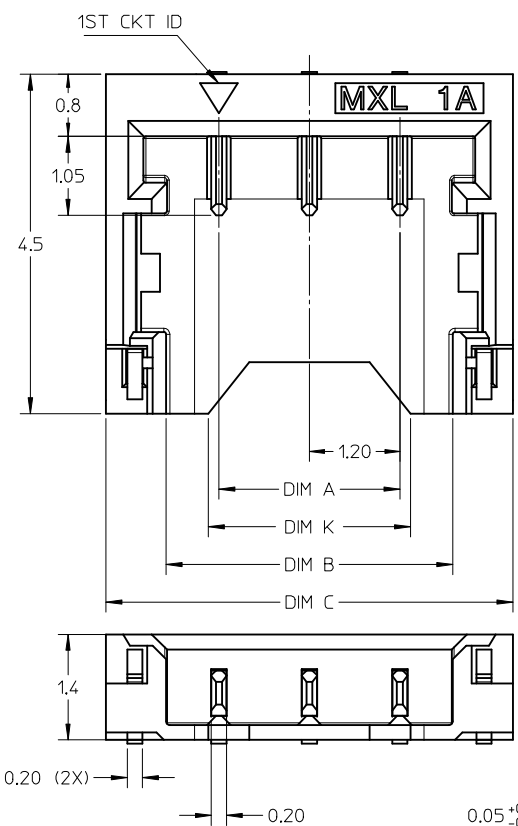
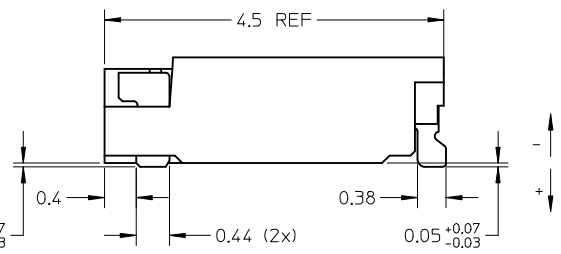


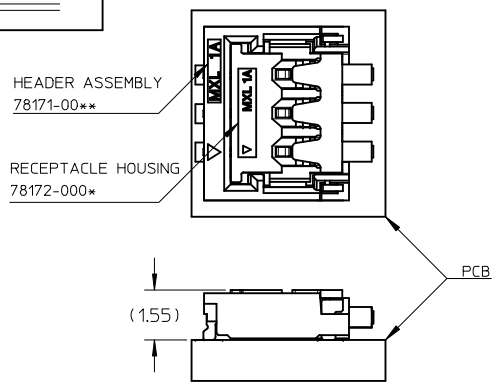


- NOTES:
1. MATERIALS:
HOUSING: LCP, UL94V-0, COLOUR : BLACK
TERMINAL: COPPER ALLOY
FITTING NAIL: COPPER ALLOY
 2. FINISHES:
TERMINAL : GOLD 0.1µm MIN. WITH 1.0 UM MIN NICKEL
UNDERPLATE OVERALL
FITTING NAIL : 1.5 UM MIN TIN WITH 1.0UM MIN NICKEL
UNDERPLATE OVERALL.
 3. PRODUCT SPECIFICATION: PS-78171-010
 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.



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

MATING VIEW



REVISED EC NO: J2013-0147 DRWN: TODA CHKD: KASAKAWA APPR: Y0110 2012/07/10 2012/07/10 2012/11/06	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	TITLE 1.20MM PITCH, W-T-B PLUG CONNECTOR		
		10 OVER 30 UNDER	± 0.25	CHECKED BY KSSHANTHA	DATE 2007/12/07	molex		
		30 OVER	± 0.3	APPROVED BY NUKITA	DATE 2010/10/25			
		ANGULAR ± 3 °		MATERIAL NO.		DOCUMENT NO.		SHEET NO. 1 OF 3
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		SEE CHART		SD-78171-008				
SIZE A3		THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION						

10 9 8 7 6 5 4 3 2 1

F

F

E

E

D

D

C

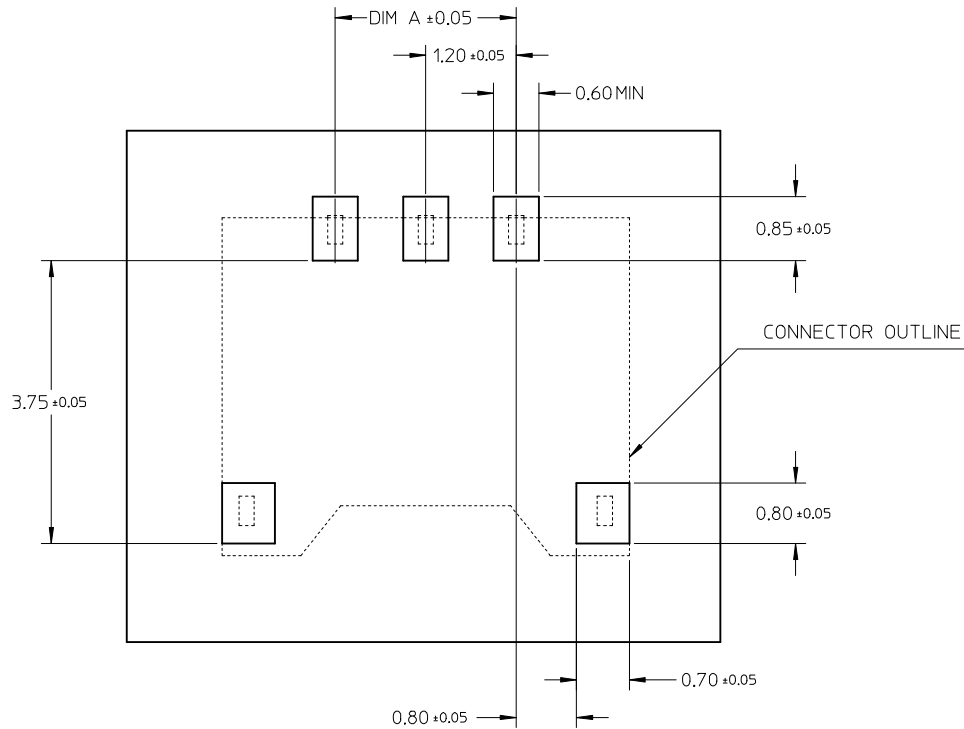
C

B

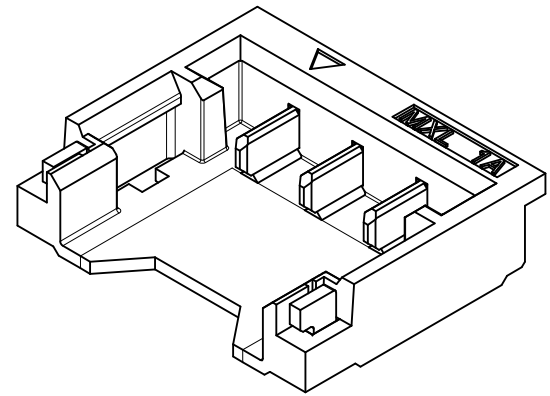
B

A

A



RECOMMENDED PCB LAYOUT



9

8

7

6

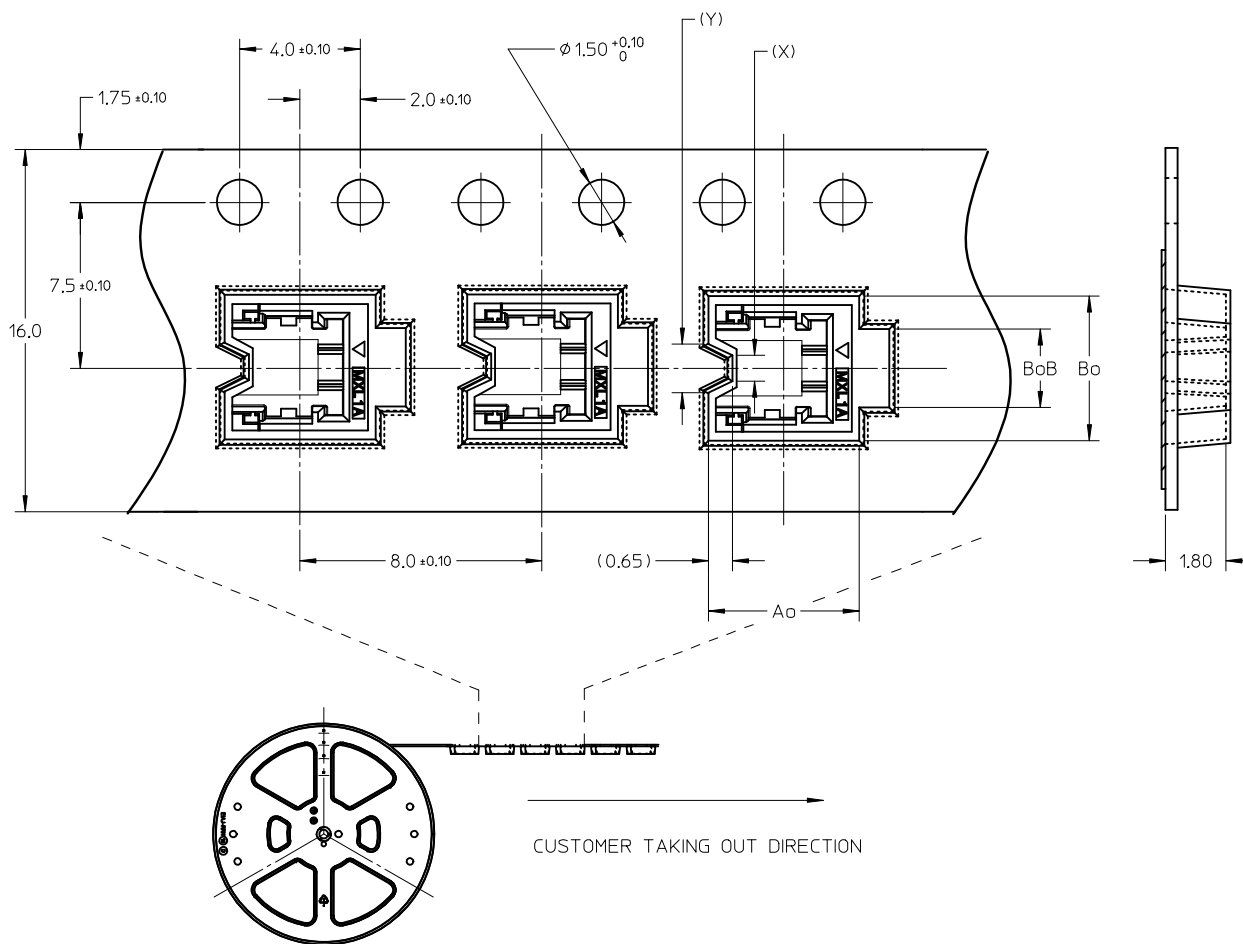
5

4

3

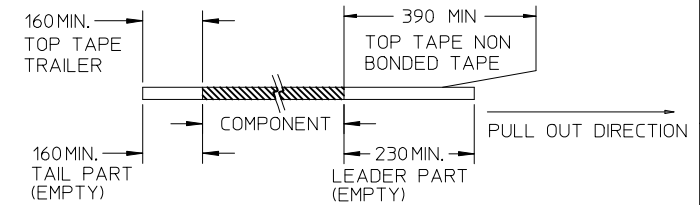
2

SEE SHEET 1 EC NO: J2013-0147 DRWN: TODA CHKD: KASAKAWA APPR: Y01 TO 2012/07/10 2012/07/10 2012/11/06	DESCRIPTION REV	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	TITLE 1.20MM PITCH, W-T-B PLUG 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	molex								
		ANGULAR ±3 °		MATERIAL NO.							DOCUMENT NO.			SHEET NO.
		DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		SEE SHEET 1							SD-78171-008			2 OF 3
		THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION												

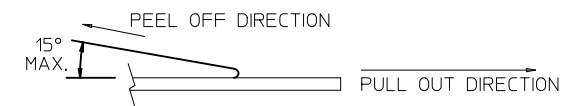


NOTES:

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. 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 EC NO: J2013-0147 DRWN: TODA CHKD: KASAKAWA APPR: YOIITO	2012/07/10 2012/07/10 2012/11/06	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 PLUG CONNECTOR			
			10 OVER 30 UNDER	± 0.25	CHECKED BY	DATE				
			30 OVER	± 0.3	APPROVED BY	DATE	molex			
			ANGULAR ±3 °		MATERIAL NO.	DOCUMENT NO.			SHEET NO.	
			DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		SEE SHEET 1		SD-78171-008		3 OF 3	
REV			SIZE A3	THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION						