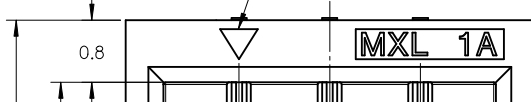


10	9	8	7	6	5	4	3	2	1		
					CKT SIZE	PART NUMBER	DIM A	DIM B	DIM C	DIM K	ANTI-WICKING
					2	 78171-0002	1.2	2.6	4.2	1.5	YES
					3	 78171-0003	2.4	3.8	5.4	2.7	YES
					4	 78171-0004	3.6	5.0	6.6	3.9	YES
					5	 78171-0005	4.8	6.2	7.8	5.1	YES

1ST CKT ID



F

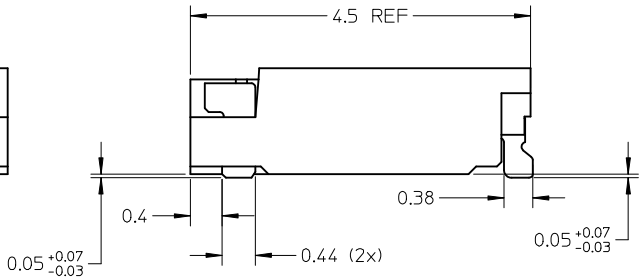
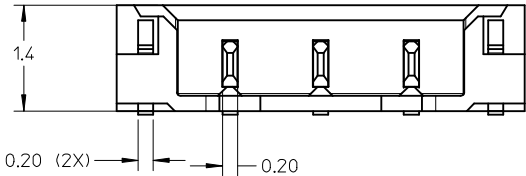
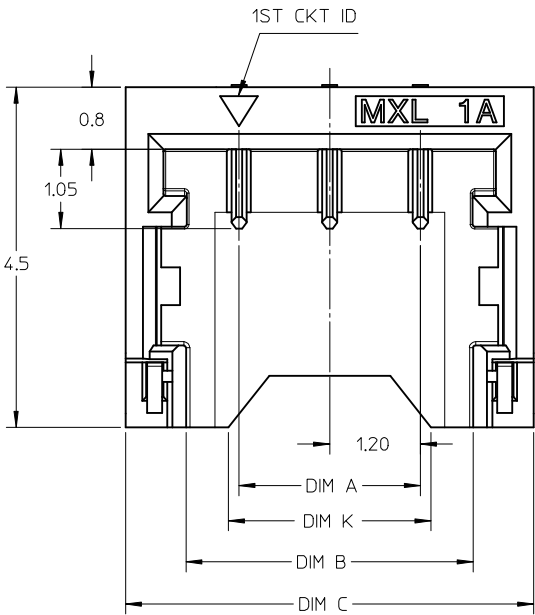
E

D

C

B

A



- NOTES:
1. MATERIALS:
HOUSING: LCP, UL94V-0, COLOUR : BLACK
TERMINAL: COPPER ALLOY
FITTING NAIL: COPPER ALLOY
2. FINISHES:
TERMINAL : GOLD FLASH 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. SOLDERTAIL AND FITTING NAIL COPLANARITY : 0.10 MM MAX
TO BE MEASURED BY PLACING THE CONNECTOR ON A FLAT
GAUGED SURFACE.
-  APPLY FLUX ANTI-WICKING SOLUTION ON HOUSING
BEFORE TERMINAL ASSEMBLY.

NEW RELEASE EC NO: J2009-2/157 DRWN: CWLAM CHKD: LSLEE APPR: NUKITA	2009/04/02 2009/04/03 2009/04/03	DESCRIPTION REV	QUALITY SYMBOLS ▽=0 ◻=0	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE MM ONLY		SCALE NTS	DESIGN UNITS METRIC	THIRD ANGLE PROJECTION	
					mm	INCH	DRAWN BY CWLAM	DATE 2007/10/25	TITLE 1.20MM PITCH, W-T-B 1.40MM HEIGHT PLUG CONNECTOR MOLEX INCORPORATED	DOCUMENT NO. SD-78171-008	SHEET NO. 1 OF 3
				4 PLACES	± ---	± ---	CHECKED BY KSSHANTHA	DATE 2007/12/07			
				3 PLACES	± ---	± ---	APPROVED BY NAGESHKN	DATE 2007/12/14			
				2 PLACES	± 0.2	± ---	ANGULAR ± 3 °				
		1 PLACE	± 0.3	± ---	DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		SEE TABLE				

10 9 8 7 6 5 4 3 2 1

F

E

D

C

B

A

F

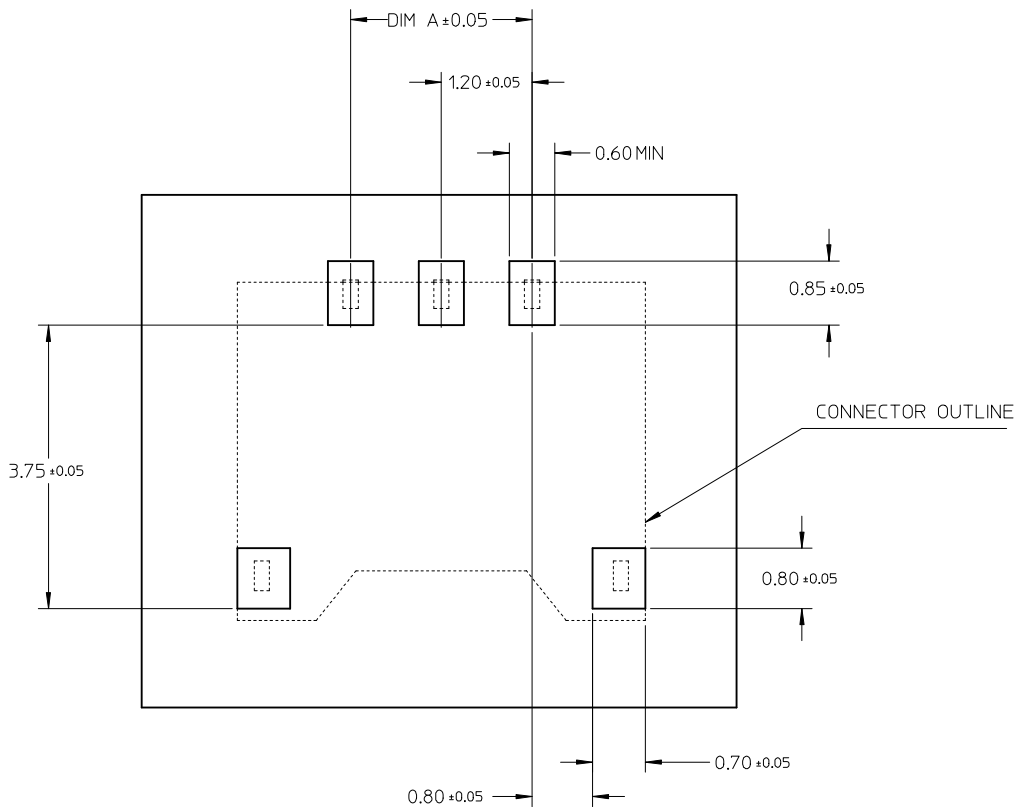
E

D

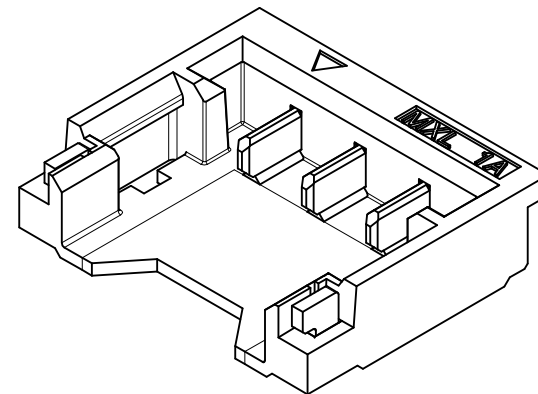
C

B

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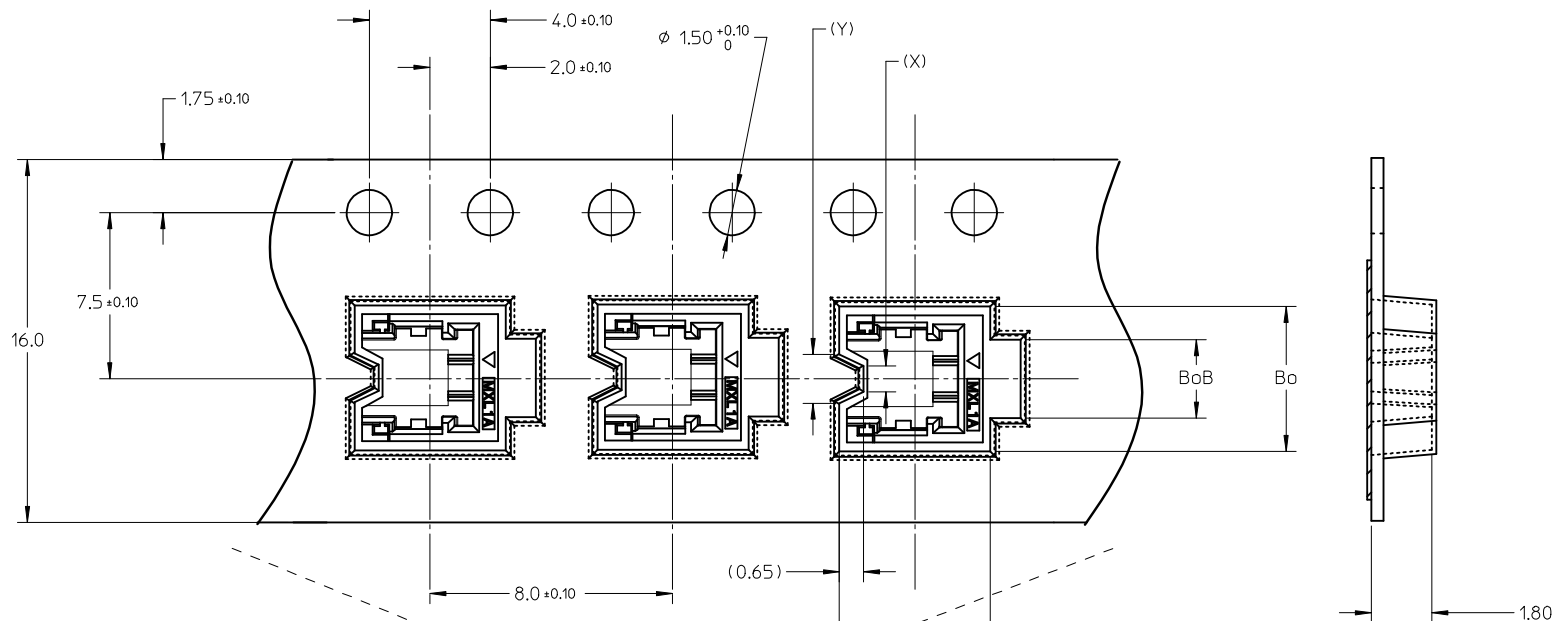


RECOMMENDED PCB LAYOUT



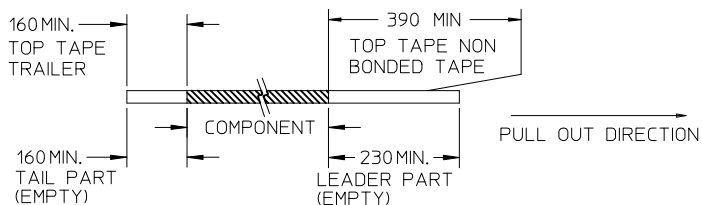
NEW RELEASE EC NO: J2009-2157 DRWN: CWLAM CHKD: LSLEE APPR: NUKITA	2009/04/02 2009/04/03 2009/04/03	DESCRIPTION REV	QUALITY SYMBOLS ▽=0 ◇=0	GENERAL TOLERANCES (UNLESS SPECIFIED) <table><tr><td></td><td>mm</td><td>INCH</td></tr><tr><td>4 PLACES</td><td>± ---</td><td>± ---</td></tr><tr><td>3 PLACES</td><td>± ---</td><td>± ---</td></tr><tr><td>2 PLACES</td><td>± 0.2</td><td>± ---</td></tr><tr><td>1 PLACE</td><td>± 0.3</td><td>± ---</td></tr><tr><td colspan="2">ANGULAR ± 3 °</td></tr></table>			mm	INCH	4 PLACES	± ---	± ---	3 PLACES	± ---	± ---	2 PLACES	± 0.2	± ---	1 PLACE	± 0.3	± ---	ANGULAR ± 3 °		DIMENSION STYLE MM ONLY		SCALE NTS	DESIGN UNITS METRIC	THIRD ANGLE PROJECTION	
							mm	INCH																				
						4 PLACES	± ---	± ---																				
						3 PLACES	± ---	± ---																				
						2 PLACES	± 0.2	± ---																				
						1 PLACE	± 0.3	± ---																				
						ANGULAR ± 3 °																						
						DRAWN BY CWLAM		DATE 2007/10/25		TITLE 1.20MM PITCH, W-T-B 1.40MM HEIGHT PLUG CONNECTOR																		
						CHECKED BY KSSHANTHA		DATE 2007/12/07																				
						APPROVED BY NAGESHKN		DATE 2007/12/14																				
MATERIAL NO.		DOCUMENT NO.		MOLEX MOLEX INCORPORATED																								
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		SEE TABLE		SD-78171-008		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																										

10 9 8 7 6 5 4 3 2 1

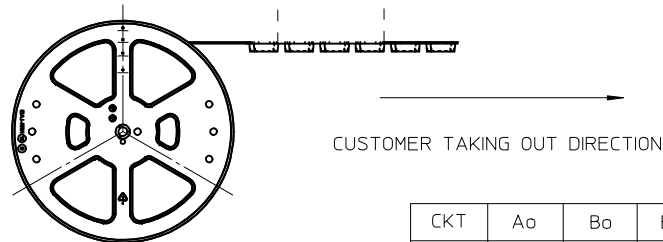
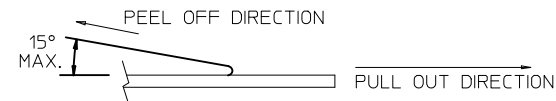


NOTES:

1. LEADER AND TRAILER TAPE



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



CKT	Ao	Bo	BoB	(X)	(Y)	EMBOSS P/N	TOP TAPE P/N	REEL P/N
2	5.0	4.7	2.6	0.74	1.54	89990-2525	59499 -0102	89990-6802
3	5.0	5.9	3.8	1.94	2.74	89990-2526		
4	5.0	7.1	5.0	3.14	3.94	89990-2527		
5	5.0	8.3	6.2	4.34	5.14	89990-2529		

- 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.

NEW RELEASE EC NO: J2009-2157 DRWN: CWLAM CHKD: LSLEE APPR: NUKITA	2009/04/02 2009/04/03 2009/04/03	DESCRIPTION	QUALITY SYMBOLS ▽=0 C=0	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE MM ONLY		SCALE NTS	DESIGN UNITS METRIC	THIRD ANGLE PROJECTION	
				mm	INCH	DRAWN BY CWLAM	DATE 2007/10/25	TITLE 1.20MM PITCH, W-T-B 1.40MM HEIGHT PLUG CONNECTOR			
				4 PLACES ± ---	± ---	CHECKED BY KSSHANTHA	DATE 2007/12/07				
				3 PLACES ± ---	± ---	APPROVED BY NAGESHKN	DATE 2007/12/14	MOLEX INCORPORATED			
				2 PLACES ± 0.2	± ---	MATERIAL NO.					
				1 PLACE ± 0.3	± ---	SEE TABLE		SD-78171-008	3 OF 3		
C1	REV	DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION							