




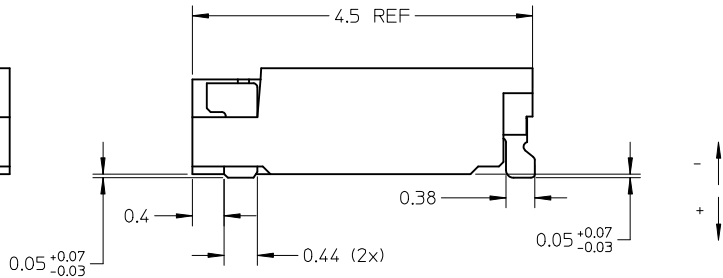
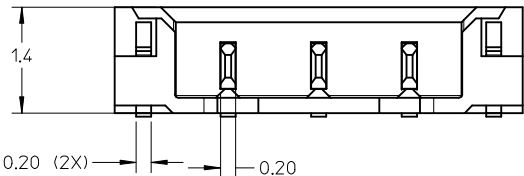
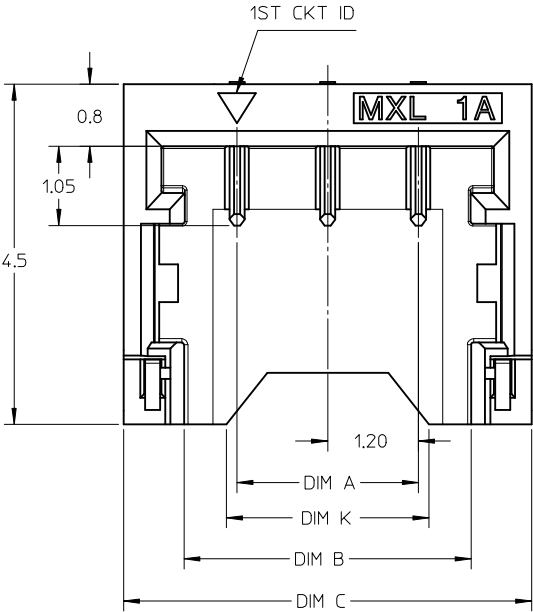






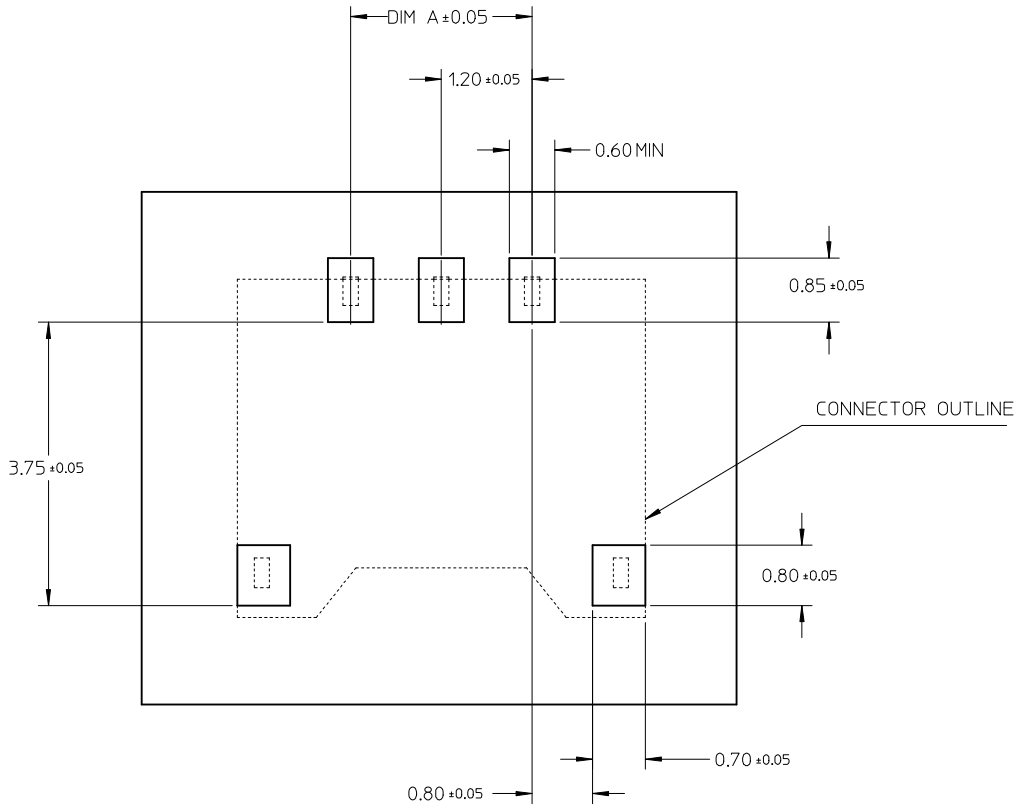
CKT SIZE	PART NUMBER	DIM A	DIM B	DIM C	DIM K	ANTI-WICKING
2	 78171-0002	1.2	2.6	4.2	1.5	YES
3	 78171-0003	2.4	3.8	5.4	2.7	YES
4	 78171-0004	3.6	5.0	6.6	3.9	YES
5	 78171-0005	4.8	6.2	7.8	5.1	YES

NOTES:

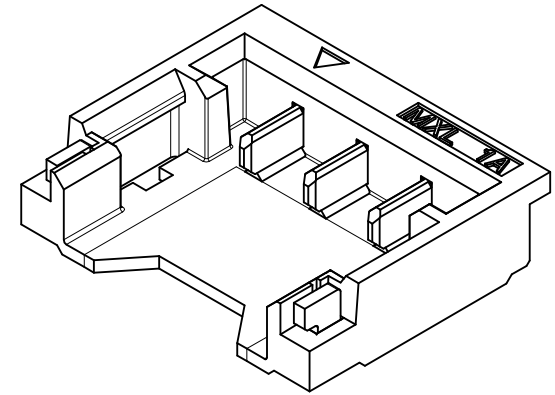
1. MATERIALS:
 HOUSING: LCP, UL94V-0, COLOUR : BLACK
 TERMINAL: COPPER ALLOY
 FITTING NAIL: COPPER ALLOY
2. FINISHES:
 TERMINAL : GOLD FLASH WITH 1.0 UM MIN NICKEL UNDERPLATE OVERALL
 FITTING NAIL : 1.5 UM MIN TIN WITH 1.0UM MIN NICKEL UNDERPLATE OVERALL.
3. PRODUCT SPECIFICATION: PS-78171-010
4. PACKAGING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



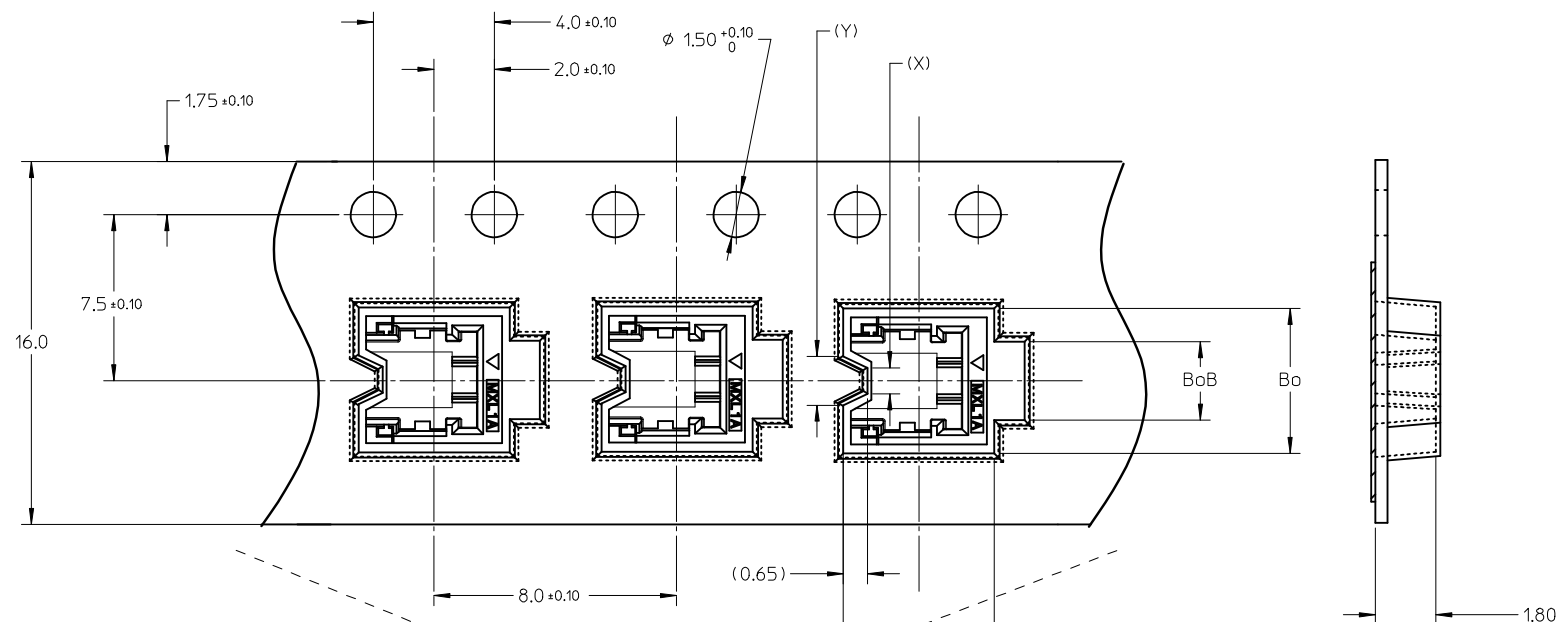
NEW RELEASE EC NO: J2009-2157 DRWN:CWLAM 2009/04/02 CHKD:LSLEE 2009/04/03 APPR:NUKITA 2009/04/03	DESCRIPTION C1	QUALITY SYMBOLS	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE	SCALE	DESIGN UNITS	THIRD ANGLE PROJECTION
		 =0	mm	INCH	MM ONLY	NTS	METRIC	
		 =0	4 PLACES ± --- ± ---	DRAWN BY	DATE	TITLE		
			3 PLACES ± --- ± ---	CWLAM	2007/10/25	1.20MM PITCH, W-T-B 1.40MM HEIGHT PLUG CONNECTOR		
	2 PLACES ± 0.2 ± ---	CHECKED BY	DATE	 MOLEX INCORPORATED				
	1 PLACE ± 0.3 ± ---	KSSHANTHA	2007/12/07		DOCUMENT NO.			
				APPROVED BY	DATE			SHEET NO.
				NAGESHKN	2007/12/14			1 OF 3
				ANGULAR ± 3 °		SEE TABLE		SD-78171-008
				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		



RECOMMENDED PCB LAYOUT

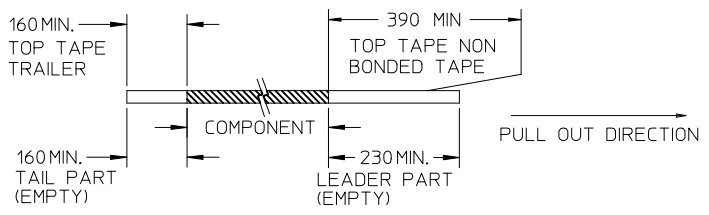


NEW RELEASE EC NO: J2009-2157 DRWN: CWLAM 2009/04/02 CHKD: LSLEE 2009/04/03 APPR: NUKITA 2009/04/03	QUALITY SYMBOLS	GENERAL TOLERANCES (UNLESS SPECIFIED)	DIMENSION STYLE	SCALE	DESIGN UNITS	THIRD ANGLE PROJECTION															
	▼ = 0 ◻ = 0	<table border="1"> <tr> <td></td> <td>mm</td> <td>INCH</td> 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

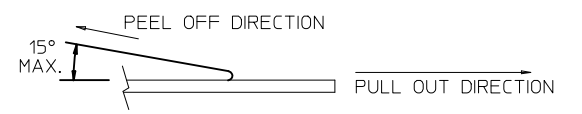


NOTES:

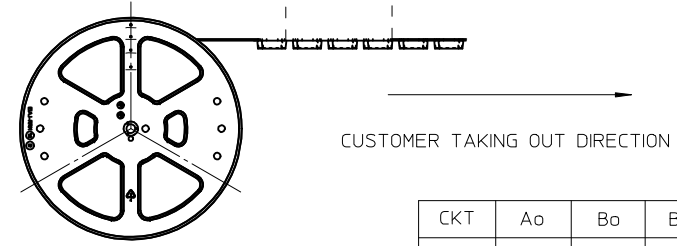
1. LEADER AND TRAILER TAPE



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)	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		

NEW RELEASE EC NO: J2009-2157 DRWN: CWLAM 2009/04/02 CHKD: LSLEE 2009/04/03 APPR: NUKITA 2009/04/03	QUALITY SYMBOLS	GENERAL TOLERANCES (UNLESS SPECIFIED)	DIMENSION STYLE	SCALE	DESIGN UNITS	THIRD ANGLE PROJECTION
	▼ = 0 ◻ = 0	mm INCH 4 PLACES ± --- ± --- 3 PLACES ± --- ± --- 2 PLACES ± 0.2 ± --- 1 PLACE ± 0.3 ± --- ANGULAR ± 3 °	MM ONLY	NTS	METRIC	
	REV	DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS	DRAWN BY: CWLAM DATE: 2007/10/25 CHECKED BY: KSSHANTHA DATE: 2007/12/07 APPROVED BY: NAGESHKN DATE: 2007/12/14	TITLE	1.20MM PITCH, W-T-B 1.40MM HEIGHT PLUG CONNECTOR	
	C1	SEE TABLE	MATERIAL NO.	DOCUMENT NO.	MOLEX INCORPORATED SD-78171-008	

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