

CKT SIZE	PART NUMBER	DIM A	DIM B	DIM C	DIM K	ANTI-WICKING
2	$\triangle 8$ 78171-0002	1.2	2.6	4.2	1.5	YES
3	$\triangle 8$ 78171-0003	2.4	3.8	5.4	2.7	YES
4	$\triangle 8$ 78171-0004	3.6	5.0	6.6	3.9	YES
5	$\triangle 8$ 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

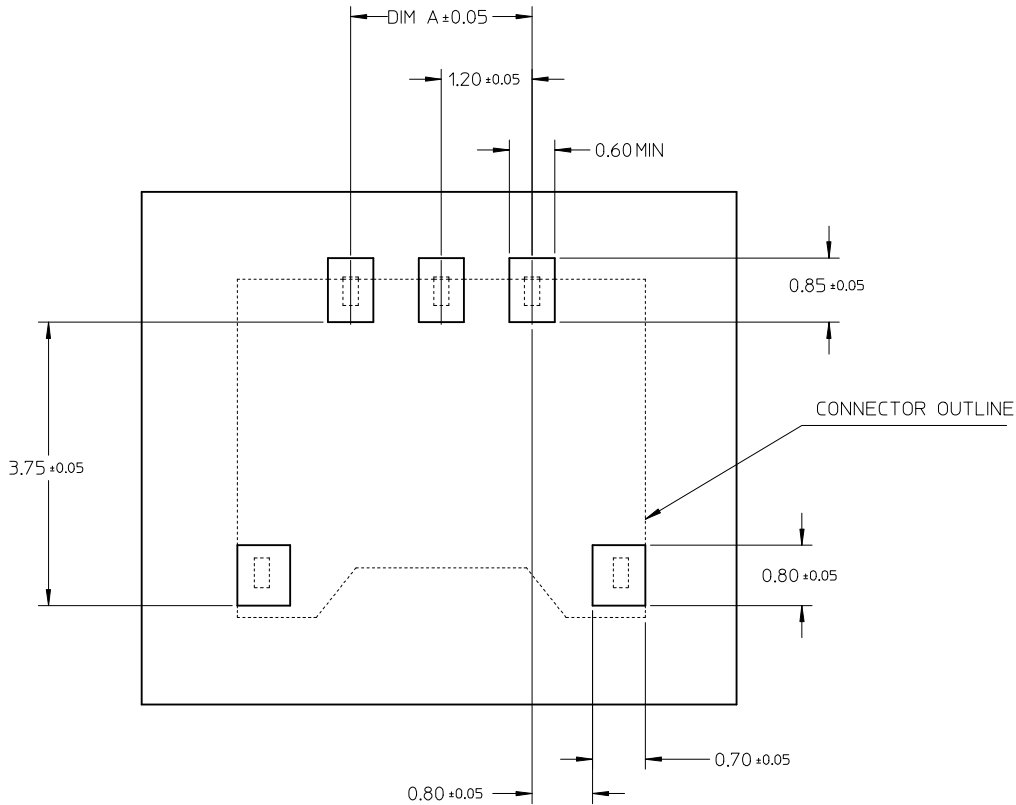
5. MATES WITH MOLEX PART NUMBER 78172-00**

6. 3 CIRCUITS IS SHOWN FOR ILLUSTRATION PURPOSE ONLY

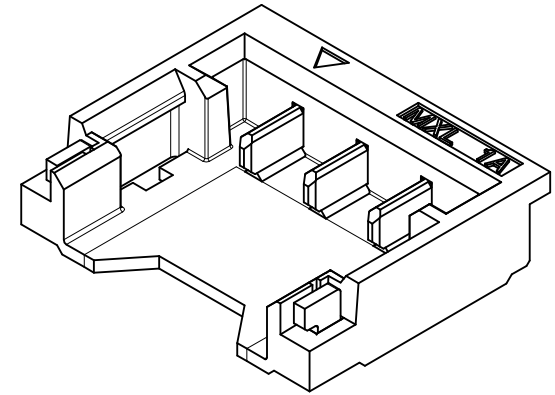
7. SOLDER TAIL AND FITTING NAIL COPLANARITY : 0.10 MM MAX TO BE MEASURED BY PLACING THE CONNECTOR ON A FLAT GAUGED SURFACE.

$\triangle 8$ APPLY FLUX ANTI-WICKING SOLUTION ON HOUSING BEFORE TERMINAL ASSEMBLY.

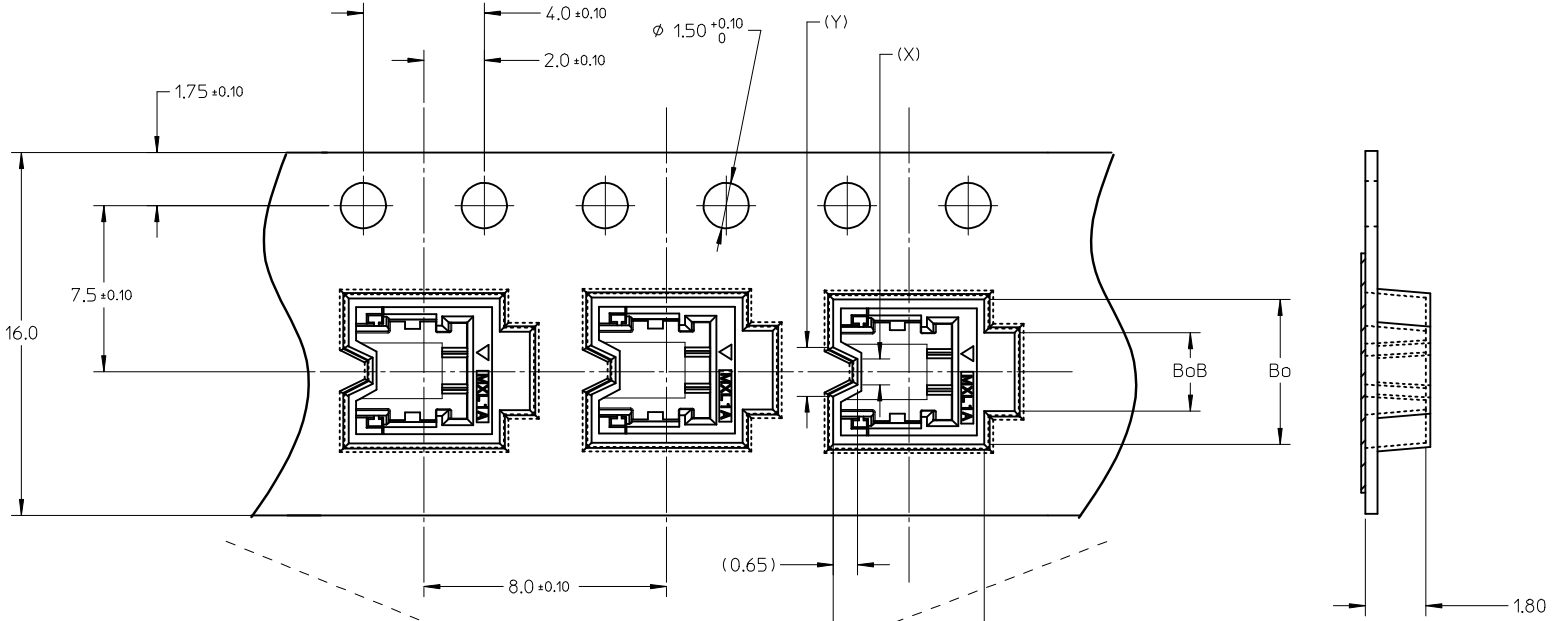
NEW RELEASE EC NO: J2009-2157 DRWN: CWM CHKD: SLEE APPR: NUKITA	2009/04/02 2009/04/03 2009/04/03	QUALITY SYMBOLS	GENERAL TOLERANCES (UNLESS SPECIFIED)	DIMENSION STYLE	SCALE	DESIGN UNITS	THIRD ANGLE PROJECTION
		$\nabla = 0$ $\text{C} = 0$	mm INCH 4 PLACES ± --- ± --- 3 PLACES ± --- ± --- 2 PLACES ± 0.2 ± --- 1 PLACE ± 0.3 ± --- ANGULAR ± 3 °	MM ONLY	NTS	METRIC	
		DESCRIPTION	DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS	DRAWN BY	DATE	TITLE	
		REV		CWLAM	2007/10/25	1.20MM PITCH, W-T-B 1.40MM HEIGHT PLUG CONNECTOR	
				KSSHANTHA	2007/12/07	MOLEX INCORPORATED	
				NAGESHKN	2007/12/14	SD-78171-008	
				MATERIAL NO.		DOCUMENT NO.	SHEET NO.
				SEE TABLE			1 OF 3
				SIZE	THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION		
				A3			



RECOMMENDED PCB LAYOUT

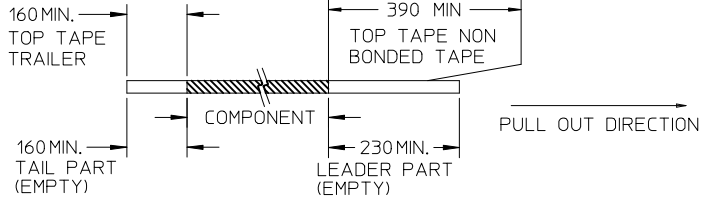


NEW RELEASE EC NO: J2009-2157 DRWN: CWLAM 2009/04/02 CHKD: LSLEE 2009/04/03 APPR: NUKITA 2009/04/03	QUALITY SYMBOLS ▽=0 ◻=0	GENERAL TOLERANCES (UNLESS SPECIFIED) mm INCH 4 PLACES ± --- ± --- 3 PLACES ± --- ± --- 2 PLACES ± 0.2 ± --- 1 PLACE ± 0.3 ± --- ANGULAR ± 3 °	DIMENSION STYLE MM ONLY	SCALE NTS	DESIGN UNITS METRIC	THIRD ANGLE PROJECTION
	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	MOLEX INCORPORATED			
	APPROVED BY NAGESHKN	DATE 2007/12/14	DOCUMENT NO. SD-78171-008			
MATERIAL NO.	SEE TABLE	SHEET NO. 2 OF 3				
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS	SIZE A3	THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION				

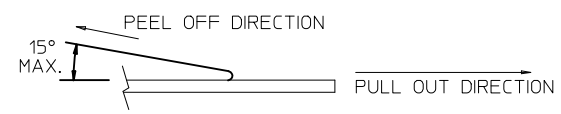


NOTES:

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. 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	☉ ◻ THIRD ANGLE PROJECTION
	DESCRIPTION	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	
	REV: C1	SIZE: A3	SEE TABLE	MATERIAL NO.	DOCUMENT NO.	SHEET NO.

MOLEX INCORPORATED
 SD-78171-008
 3 OF 3