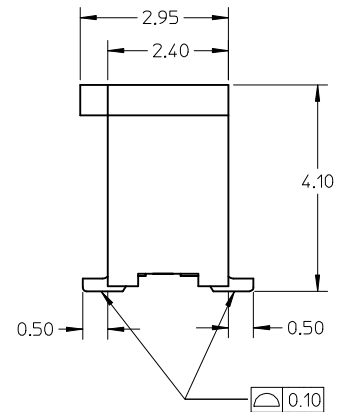
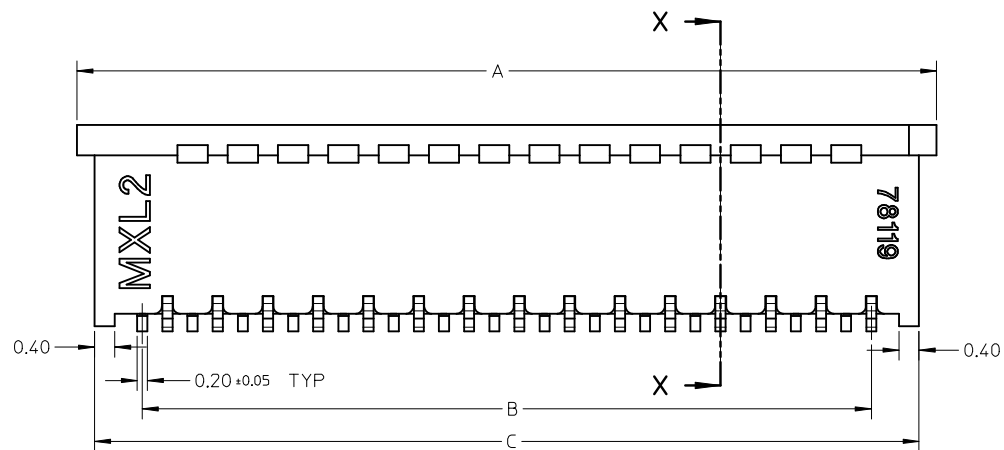
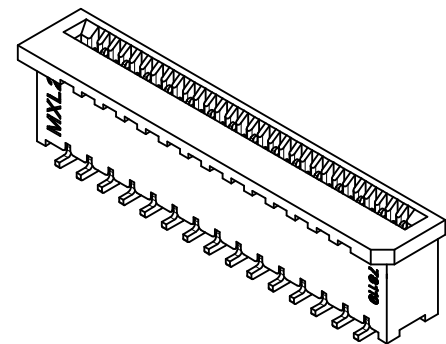
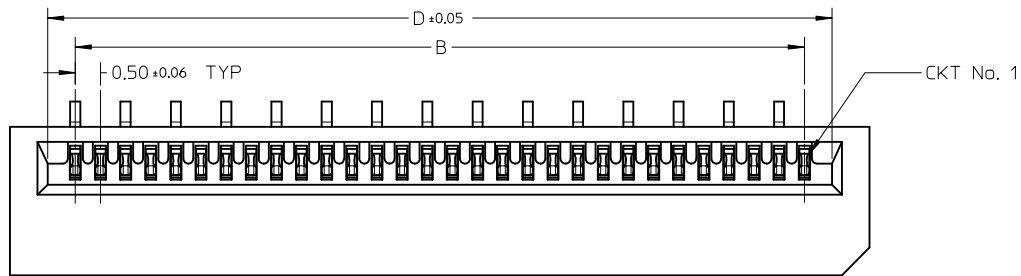


NOTE:

1. MATERIAL:

HOUSING: PA46 GLASS FILLED, UL94V-0, COLOR: NATURAL

TERMINAL: PHOSPHOR BRONZE

2. PLATING: 1) PARTIAL GOLD PLATING OVER NICKEL PLATING OVERALL

CONTACT POINT: 0.10 μm MINIMUM GOLD PLATING

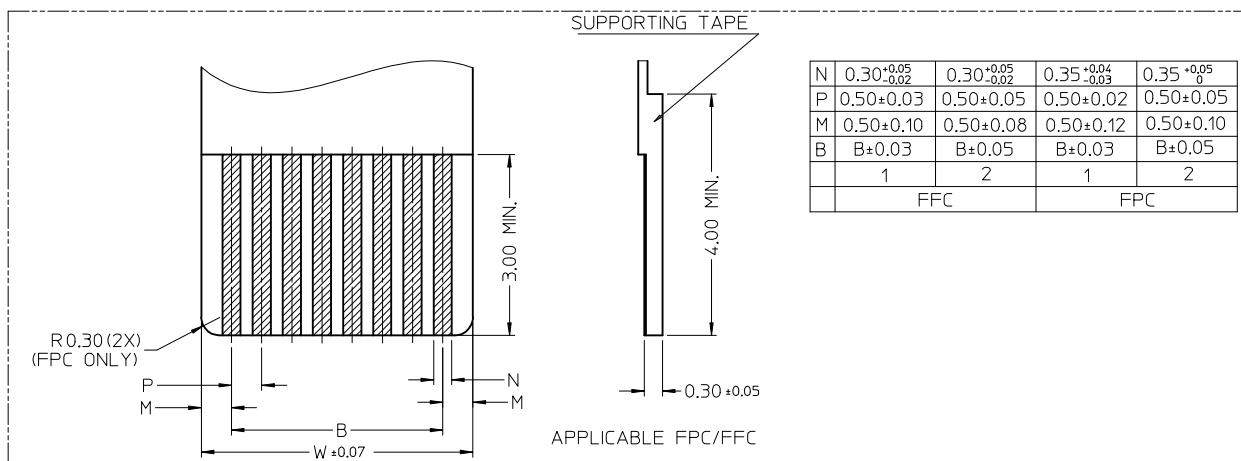
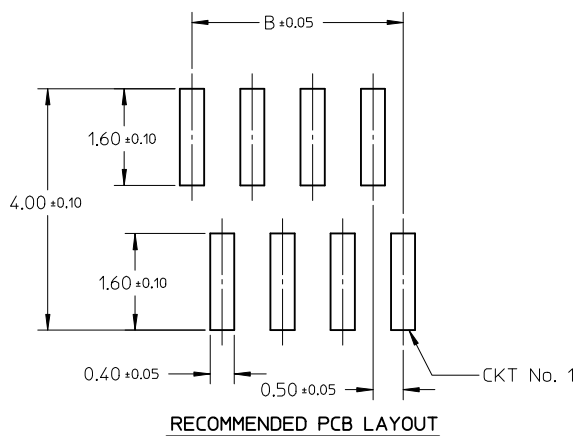
TAIL POINT :GOLD PLATING

2) 1-3 μm TIN-BISMUTH OVER NICKEL PLATING OVERALL

3. PRODUCT SPECIFICATION: PS-78119-001

4. PRODUCT ARE PACKED IN TAPE & REEL.

REVISED EC NO: J2013-1512 DRAWN: AYOUSHI 101 CHKD: K. TAKAHASHI APPR: Y. NAGAWA	DESCRIPTION REV	QUALITY SYMBOLS 	GENERAL TOLERANCES (UNLESS SPECIFIED)			DIMENSION STYLE MM ONLY		SCALE NTS	DESIGN UNITS METRIC	THIRD ANGLE PROJECTION				
					DRAWN BY DATE		TITLE							
			4 PLACES		± ---	± ---	YLQIAO 2006/04/11		0.50MM PITCH, FPC CONN. NON-ZIF, SMT					
			3 PLACES		± ---	± ---	CHECKED BY DATE							
			2 PLACES		± 0.15	± ---	BOKOK 2006/04/18							
			1 PLACE		± ---	± ---	APPROVED BY DATE							
			0 PLACE		±	±	PTL IM 2006/04/18							
						ANGULAR ± 3 °		MATERIAL NO.		DOCUMENT NO.		SHEET NO.		
			DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS			SEE TABLE				SD-78119-001		1 OF 7		
						THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION								



N	0.30 ^{+0.05} _{-0.02}	0.30 ^{+0.05} _{-0.02}	0.35 ^{+0.04} _{-0.03}	0.35 ^{+0.05} ₀
P	0.50±0.03	0.50±0.05	0.50±0.02	0.50±0.05
M	0.50±0.10	0.50±0.08	0.50±0.12	0.50±0.10
B	B±0.03	B±0.05	B±0.03	B±0.05
	1	2	1	2
	FFC		FPC	

REVISED EC NO: J2013-1512 DRWN: KAWASHI 101 2013/06/12 CHKD: KATAHASHI 2013/06/12 APPR: YNOGAWA 2013/06/25	QUALITY SYMBOLS	DESCRIPTION	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE MM ONLY		SCALE NTS	DESIGN UNITS METRIC	THIRD ANGLE PROJECTION				
				mm	INCH	DRAWN BY YLQIAO	DATE 2006/04/11	TITLE 0.50MM PITCH, FPC CONN. NON-ZIF, SMT					
			4 PLACES	± ---	± ---	CHECKED BY BOKOK	DATE 2006/04/18						
			3 PLACES	± ---	± ---	APPROVED BY PTLIM		DATE 2006/04/18	molex				
			2 PLACES	± 0.15	± ---								
	F _A =0		1 PLACE	± ---	± ---	MATERIAL NO.		DOCUMENT NO.		SHEET NO.			
	F _G =0		0 PLACE	±	±								
			ANGULAR ± 3 °			SEE TABLE		SD-78119-001		2 OF 7			
			DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS										
A4	REV					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

ELV & RoHS COMPLIANT

TIN-BISMUTH PLATING TERMINAL ASSEMBLY PART NUMBERS

ASSY P/N W/O PACKAGING	CKT	DIM A	DIM B	DIM C	DIM D	PLATING TYPE
78119-0109	10	7.10	4.50	6.40	5.60	2
78119-0119	11	7.60	5.00	6.90	6.10	
78119-0129	12	8.10	5.50	7.40	6.60	
78119-0139	13	8.60	6.00	7.90	7.10	
78119-0149	14	9.10	6.50	8.40	7.60	
78119-0159	15	9.60	7.00	8.90	8.10	
78119-0169	16	10.10	7.50	9.40	8.60	
78119-0179	17	10.60	8.00	9.90	9.10	
78119-0189	18	11.10	8.50	10.40	9.60	
78119-0199	19	11.60	9.00	10.90	10.10	
78119-0209	20	12.10	9.50	11.40	10.60	
78119-0219	21	12.60	10.00	11.90	11.10	
78119-0229	22	13.10	10.50	12.40	11.60	
78119-0239	23	13.60	11.00	12.90	12.10	
78119-0249	24	14.10	11.50	13.40	12.60	
78119-0259	25	14.60	12.00	13.90	13.10	
78119-0269	26	15.10	12.50	14.40	13.60	
78119-0279	27	15.60	13.00	14.90	14.10	
78119-0289	28	16.10	13.50	15.40	14.60	
78119-0299	29	16.60	14.00	15.90	15.10	
78119-0309	30	17.10	14.50	16.40	15.60	

ASSY P/N W/O PACKAGING	CKT	DIM A	DIM B	DIM C	DIM D	PLATING TYPE
78119-0319	31	17.60	15.00	16.90	16.10	2
78119-0329	32	18.10	15.50	17.40	16.60	
78119-0339	33	18.60	16.00	17.90	17.10	
78119-0349	34	19.10	16.50	18.40	17.60	
78119-0359	35	19.60	17.00	18.90	18.10	
78119-0369	36	20.10	17.50	19.40	18.60	
78119-0379	37	20.60	18.00	19.90	19.10	
78119-0389	38	21.10	18.50	20.40	19.60	
78119-0399	39	21.60	19.00	20.90	20.10	
78119-0409	40	22.10	19.50	21.40	20.60	

REVISED	EC NO: J2013-1512	2013/06/12	QUALITY SYMBOLS
	DRWNA:YOSHI I01	2013/06/12	
	CHKD:K TAKAHASHI	2013/06/12	
	APPR:YNOGAWA	2013/06/12	
A4	DESCRIPTION		REV

$\nabla_A = 0$

$\nabla_C = 0$

$\nabla_P = 0$

GENERAL TOLERANCES
(UNLESS SPECIFIED)

mm INCH

4 PLACES	± ---	± ---
3 PLACES	± ---	± ---
2 PLACES	± 0.15	± ---
1 PLACE	± ---	± ---
0 PLACE	±	±

ANGULAR $\pm 3^\circ$

DRAFT WHERE APPLICABLE
MUST REMAIN
WITHIN DIMENSIONS

DIMENSION STYLE

MM ONLY

DRAWN BY	DATE
YLQIAO	2006/04/11
CHECKED BY	DATE
BOKOK	2006/04/18
APPROVED BY	DATE
PTLIM	2006/04/18

MATERIAL NO.

SEE TABLE

SIZE
A3

SCALE

NTS

DESIGN UNITS

METRIC

THIRD ANGLE
PROJECTION

TITLE
0.50MM PITCH, FPC CONN.
NON-ZIF, SMT

molex

DOCUMENT NO.

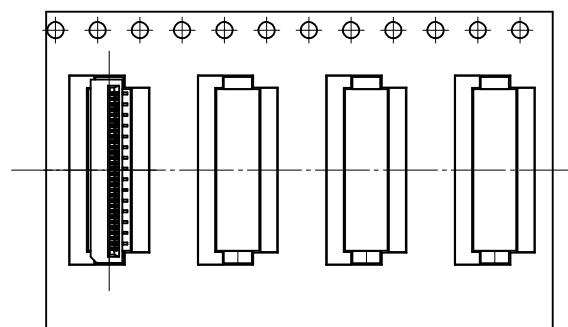
SD-78119-001

SHEET NO.

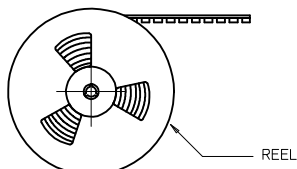
4 OF 7

9 8 7 6 5 4 3 2 1

EMBOSSED TYPE A



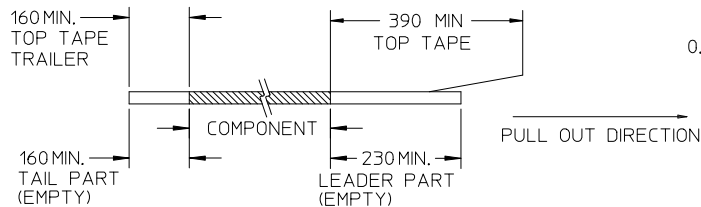
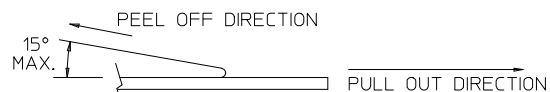
CUSTOMER
PULL OUT DIRECTION



REEL

NOTES:

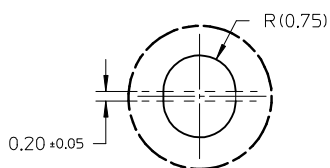
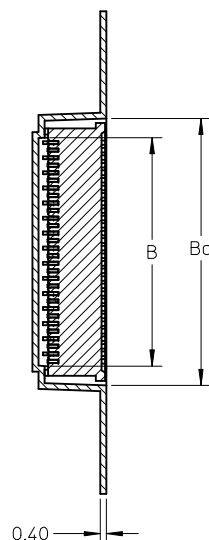
1. LEADER AND TRAILER TAPE

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

3. PACKAGING STANDARD IS AS PER EIA-481.

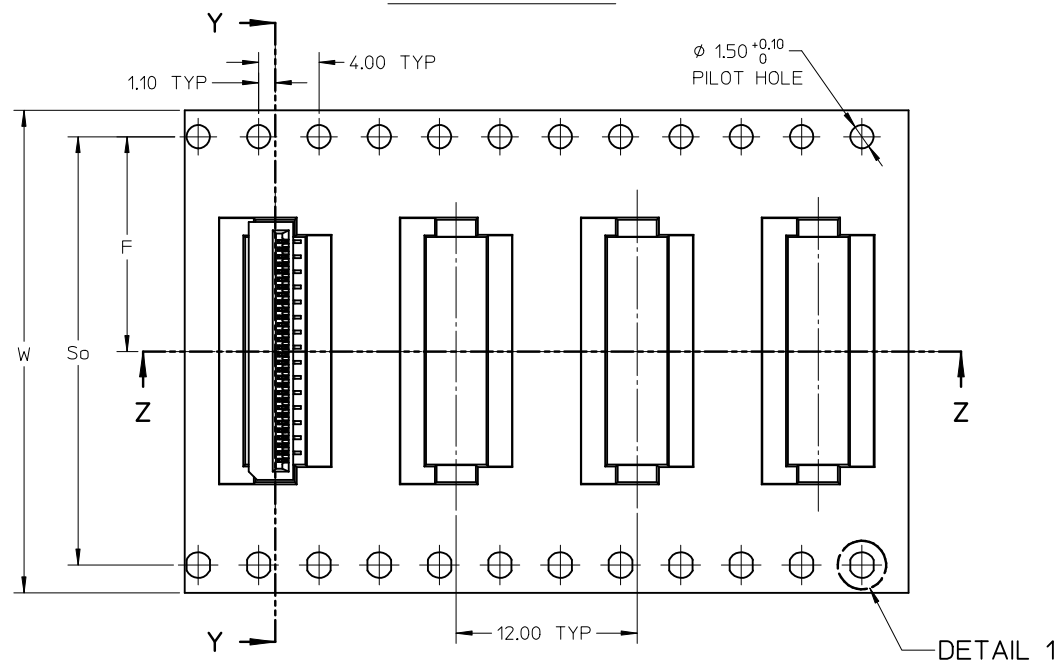
4. TAPE & REEL QUANTITY = 1000 PCS/REEL

SECTION Y-Y

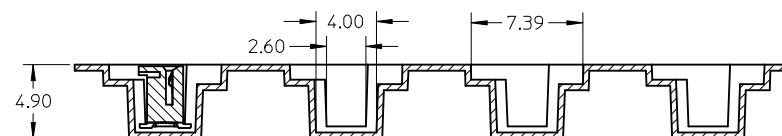


DETAIL 1

EMBOSSED TYPE B



DETAIL 1



SECTION Z-Z

REVISED	EC NO: J2013-1512	DRWN:AYOSHI/01	2013/06/12	CHKD:K TAKAHASHI	2013/06/12	APPR:YNOGAWA	2013/06/25	DESCRIPTION	REV	QUALITY SYMBOLS	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE		SCALE	DESIGN UNITS	THIRD ANGLE PROJECTION		TITLE	0.50MM PITCH, FPC CONN. NON-ZIF, SMT		
											MM ONLY		NTS	METRIC	◎ ◻							
													DRAWN BY	DATE								
													CHECKED BY	DATE								
													APPROVED BY	DATE								
													MATERIAL NO.	DOCUMENT NO.	SHEET NO.							
													SIZE	THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION								

