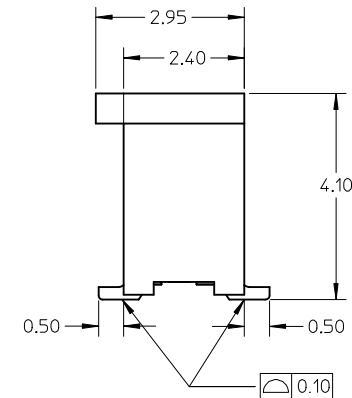
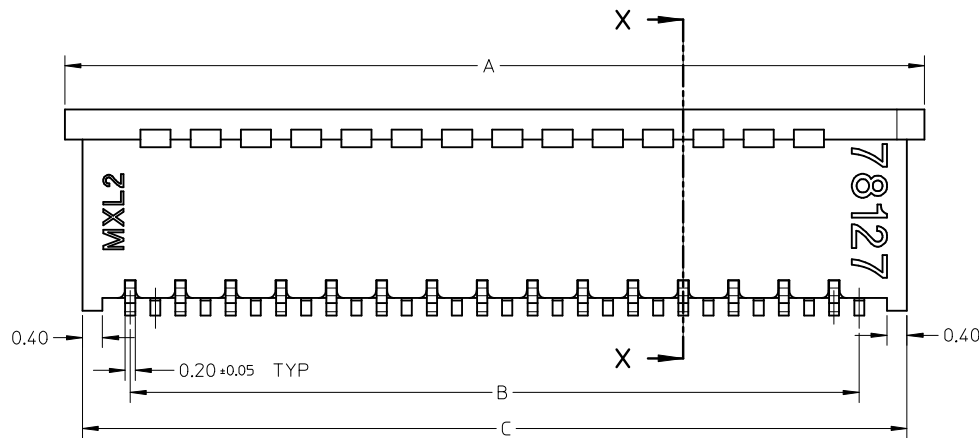
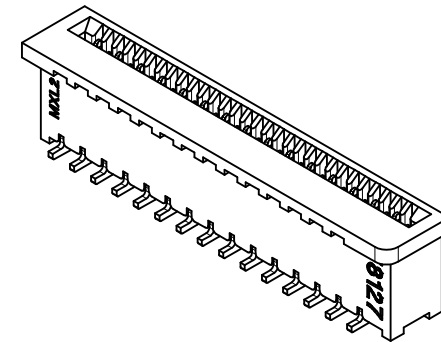
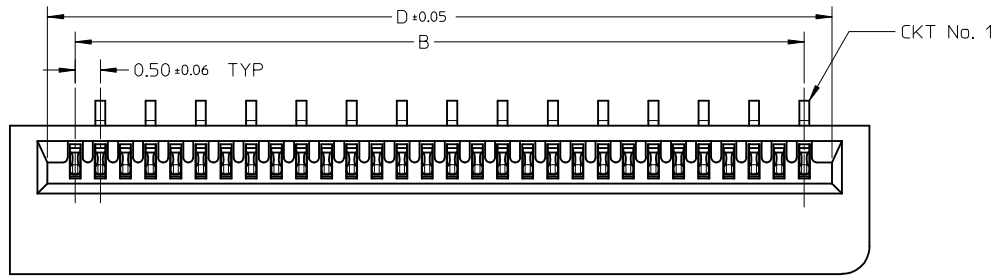


NOTE:

1. MATERIAL:

HOUSING: PA46 GLASS FILLED, UL94V-0, COLOR: NATURAL
TERMINAL: COPPER ALLOY

2. PLATING:

- 1) 0.10 μ m MIN. GOLD PLATING OVER NICKEL PLATING OVERALL
- 2) 1-3 μ m TIN-BISMUTH PLATING OVER NICKEL PLATING OVERALL

3. PRODUCT SPECIFICATION: PS-78119-001

4. PRODUCT ARE PACKED IN TAPE & REEL.

REVISED	EC NO: J2013-0629		DESCRIPTION	QUALITY SYMBOLS	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE MM ONLY		SCALE NTS	DESIGN UNITS METRIC	THIRD ANGLE PROJECTION		
				$\nabla_F=0$			mm	INCH	DRAWN BY	DATE	TITLE 0.50MM PITCH, FPC CONN. NON-ZIF, SMT		
				$\nabla_E=0$	4 PLACES	$\pm \text{---}$	$\pm \text{---}$	YQ1A0	2006/05/05				
				$\nabla_B=0$	3 PLACES	$\pm \text{---}$	$\pm \text{---}$	CHECKED BY	DATE	molex			
					2 PLACES	± 0.15	$\pm \text{---}$	BOKOK	2006/06/06				
					1 PLACE	$\pm \text{---}$	$\pm \text{---}$	APPROVED BY	DATE	DOCUMENT NO. SD-78127-001			
					0 PLACE	$\pm$	$\pm$	PTLIM	2006/06/06				
					ANGULAR $\pm 3^\circ$		MATERIAL NO.		SHEET NO. 1 OF 7				
					DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		SEE TABLE						
								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

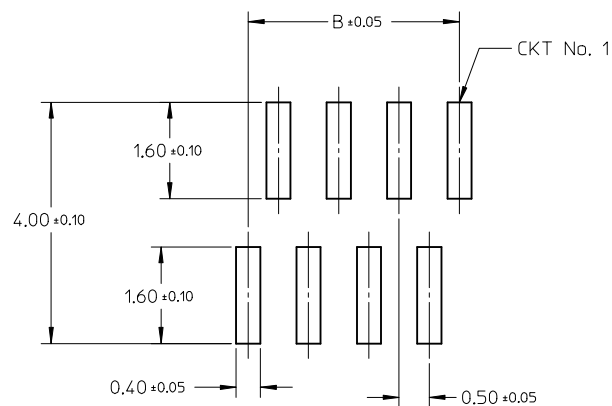
E

D

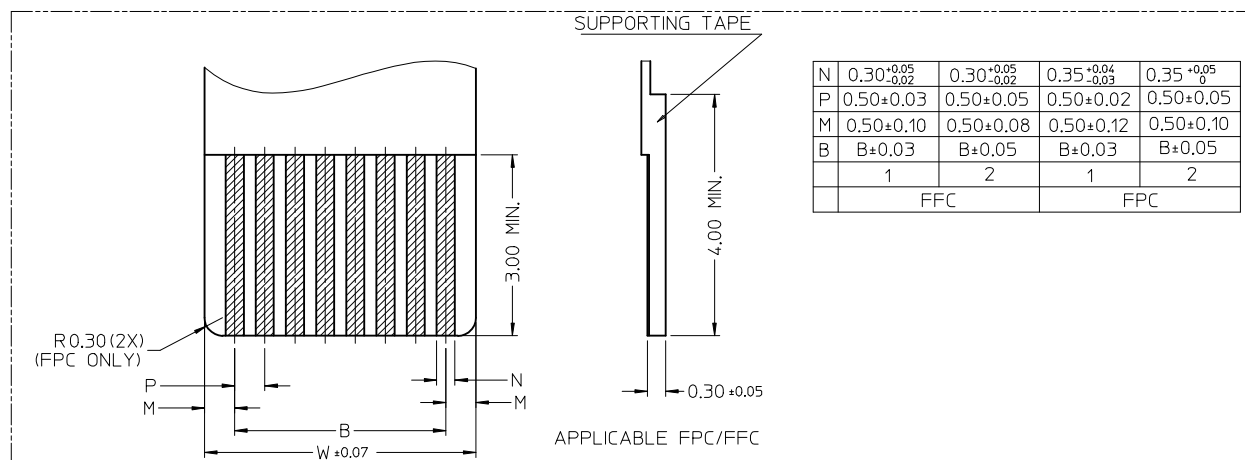
C

B

A



RECOMMENDED PCB LAYOUT



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: J2013-0629 DRWN: TMORI/SHITA 2012/11/30 CHKD: K TAKAHASHI 2012/11/30 APPR: KMORI/KAWA 2012/12/11	DESCRIPTION	QUALITY SYMBOLS F_A=0 F_B=0 F_C=0	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE MM ONLY		SCALE NTS	DESIGN UNITS METRIC	THIRD ANGLE PROJECTION						
				mm	INCH	DRAWN BY YLOIAO	DATE 2006/05/05	TITLE 0.50MM PITCH, FPC CONN. NON-ZIF, SMT							
			4 PLACES	± ---	± ---	CHECKED BY BOKOK	DATE 2006/06/06								
			3 PLACES	± ---	± ---	APPROVED BY PTL IM					DATE 2006/06/06				
			2 PLACES	± 0.15	± ---										
1 PLACE	± ---	± ---													
0 PLACE	±	±	MATERIAL NO.			DOCUMENT NO.			SHEET NO. 2 OF 7						
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS			SEE TABLE			SD-78127-001									
			SIZE A3			THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION									

9 8 7 6 5 4 3 2 1

GOLD PLATING TERMINAL ASSEMBLY PART NUMBERS

ASSY P/N W/O PACKAGING	CKT	DIM A	DIM B	DIM C	DIM D	PLATING TYPE
78127-0108	10	7.10	4.50	6.40	5.60	1
78127-0118	11	7.60	5.00	6.90	6.10	
78127-0128	12	8.10	5.50	7.40	6.60	
78127-0138	13	8.60	6.00	7.90	7.10	
78127-0148	14	9.10	6.50	8.40	7.60	
78127-0158	15	9.60	7.00	8.90	8.10	
78127-0168	16	10.10	7.50	9.40	8.60	
78127-0178	17	10.60	8.00	9.90	9.10	
78127-0188	18	11.10	8.50	10.40	9.60	
78127-0198	19	11.60	9.00	10.90	10.10	
78127-0208	20	12.10	9.50	11.40	10.60	
78127-0218	21	12.60	10.00	11.90	11.10	
78127-0228	22	13.10	10.50	12.40	11.60	
78127-0238	23	13.60	11.00	12.90	12.10	
78127-0248	24	14.10	11.50	13.40	12.60	
78127-0258	25	14.60	12.00	13.90	13.10	
78127-0268	26	15.10	12.50	14.40	13.60	
78127-0278	27	15.60	13.00	14.90	14.10	
78127-0288	28	16.10	13.50	15.40	14.60	
78127-0298	29	16.60	14.00	15.90	15.10	
78127-0308	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
78127-0318	31	17.60	15.00	16.90	16.10	1
78127-0328	32	18.10	15.50	17.40	16.60	
78127-0338	33	18.60	16.00	17.90	17.10	
78127-0348	34	19.10	16.50	18.40	17.60	
78127-0358	35	19.60	17.00	18.90	18.10	
78127-0368	36	20.10	17.50	19.40	18.60	
78127-0378	37	20.60	18.00	19.90	19.10	
78127-0388	38	21.10	18.50	20.40	19.60	
78127-0398	39	21.60	19.00	20.90	20.10	
78127-0408	40	22.10	19.50	21.40	20.60	

REVISED

EC NO: J2013-0629

DRWN: TMORI/SHITA 2012/11/30

CHKD: KTAHASHI 2012/11/30

APPR: KMORI/KAWA 2012/12/11

B

DESCRIPTION

QUALITY SYMBOLS

$F_A=0$

$F_G=0$

$F_P=0$

GENERAL TOLERANCES
(UNLESS SPECIFIED)

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

ANGULAR ± 3 °

DRAFT WHERE APPLICABLE
MUST REMAIN
WITHIN DIMENSIONS

DIMENSION STYLE

MM ONLY

DRAWN BY	DATE
YLQIAO	2006/05/05
CHECKED BY	DATE
BOKOK	2006/06/06
APPROVED BY	DATE
PTL IM	2006/06/06

SIZE

A3

SCALE

NTS

DESIGN UNITS

METRIC

THIRD ANGLE
PROJECTION

TITLE

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

molex

MATERIAL NO.

DOCUMENT NO.

SEE TABLE

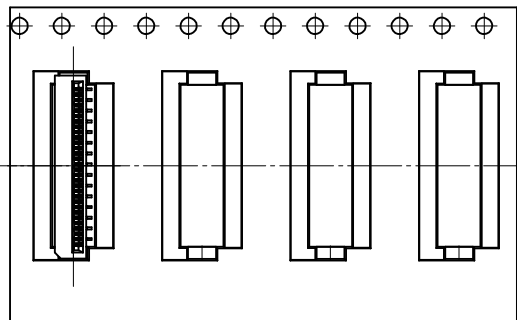
SD-78127-001

SHEET NO.

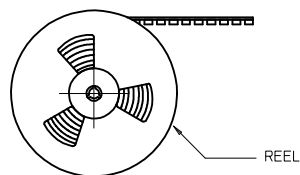
3 OF 7

THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX
INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION

EMBOSSED TYPE A



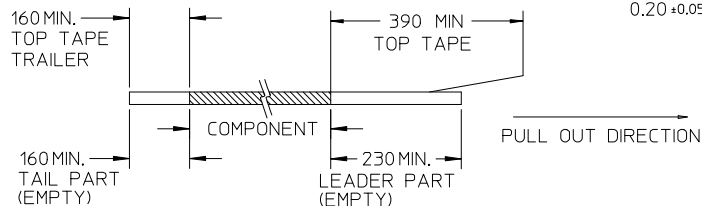
CUSTOMER
PULL OUT DIRECTION



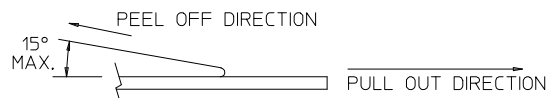
REEL

NOTES:

1. LEADER AND TRAILER TAPE



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

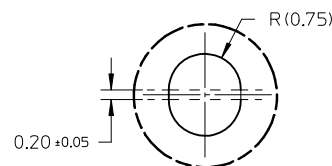


3. PACKAGING STANDARD IS AS PER EIA-481.

4. TAPE & REEL QUANTITY = 1000 PCS/REEL

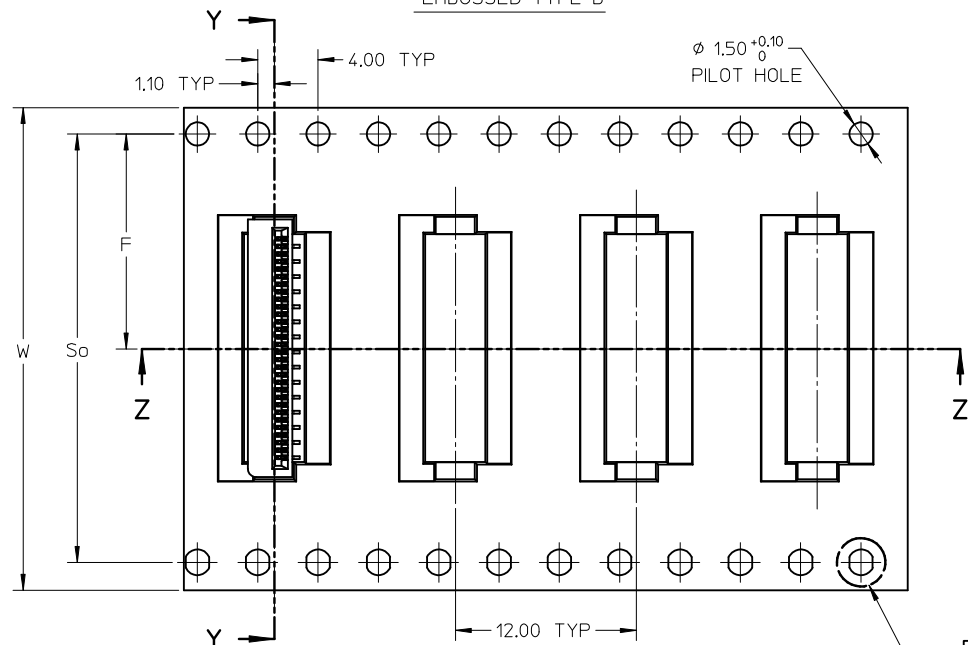
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SECTION Y-Y

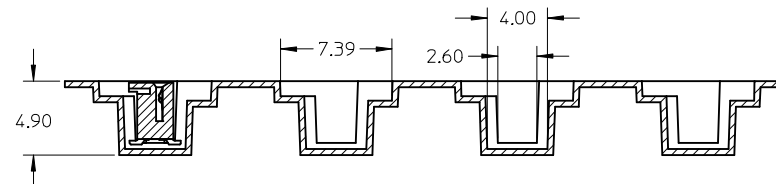


DETAIL 1

EMBOSSED TYPE B



DETAIL 1



SECTION Z-Z

REVISED	EC NO: J2013-0629	DRWN: TMORI/SHITA 2012/11/30	CHKD: K.TAKAHASHI 2012/11/30	APPR: KMORI/KAWA 2012/12/11	DESCRIPTION	QUALITY SYMBOLS	GENERAL TOLERANCES (UNLESS SPECIFIED)			DIMENSION STYLE		SCALE	DESIGN UNITS	THIRD ANGLE PROJECTION		
										MM ONLY		NTS	METRIC			
										DRAWN BY DATE		TITLE				
										2006/05/05		0.50MM PITCH, FPC CONN.				
										CHECKED BY DATE		NON-ZIF, SMT				
										2006/06/06		molex				
										APPROVED BY DATE						
			2006/06/06		DOCUMENT NO.					SHEET NO.						
			PTLIM		SD-78127-001					5 OF 7						
			ANGULAR ± 3 °		MATERIAL NO.					SEE TABLE						
			DRAFT WHERE APPLICABLE		SIZE A3											
			MUST REMAIN WITHIN DIMENSIONS		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

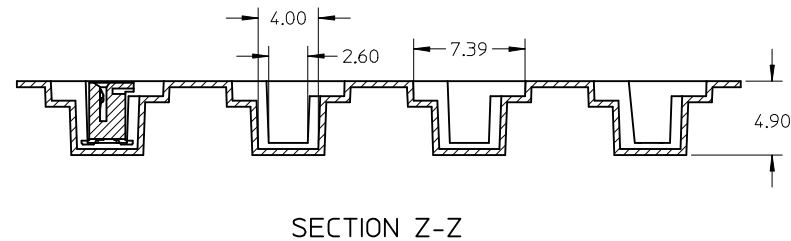
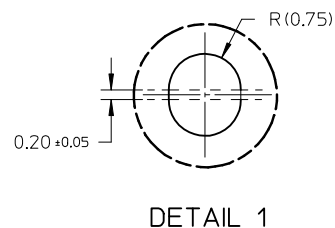
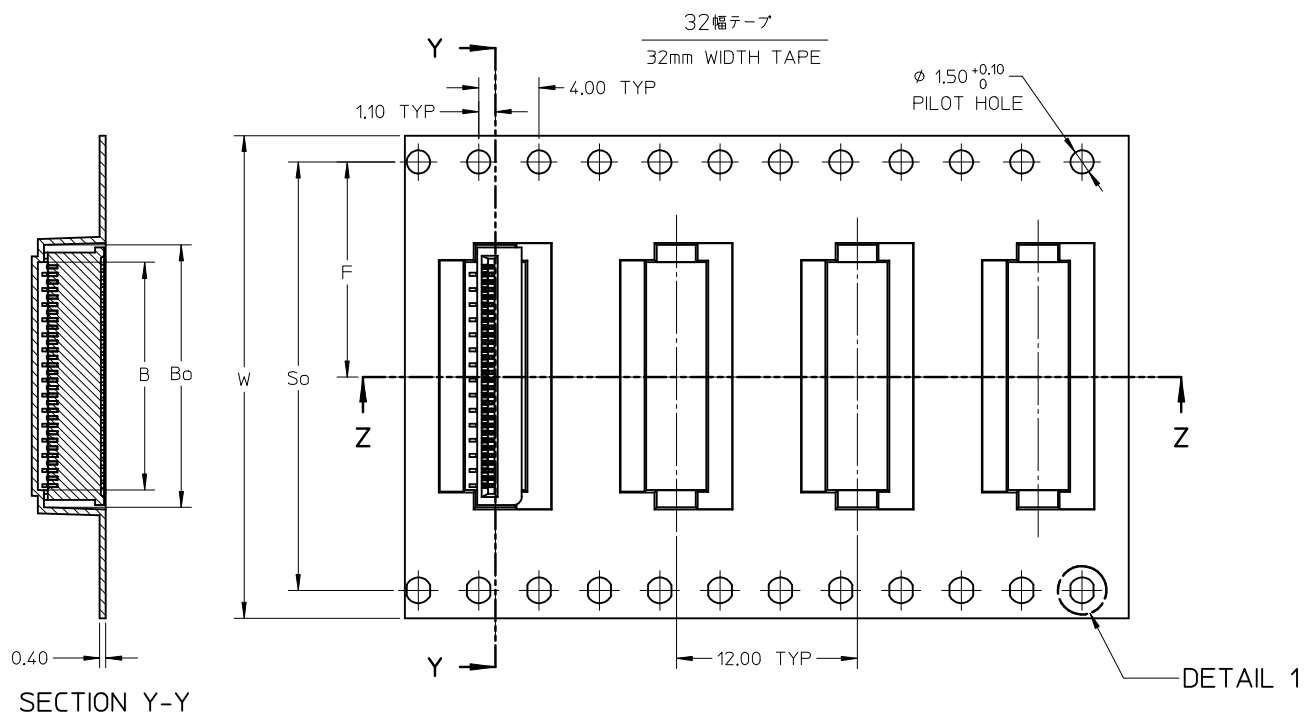
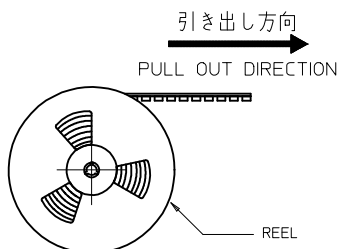
E

D

C

B

A



RELEASED EC NO: J2014-1840 DRAWN: NKONDO CHK'D: KTAKAHASHI APPR: YNOGAWA O	DESCRIPTION	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE MM ONLY		SCALE 1:1	DESIGN UNITS METRIC	THIRD ANGLE PROJECTION	
		10 UNDER	± 0.15	DRAWN BY NKONDO	DATE 2014/09/16	TITLE 0.50MM PITCH, FPC CONN. NON-ZIF, SMT EMBOSSD TAPE PACKAGE molex			
		10 OVER 30 UNDER	± 0.15	CHECKED BY KTAKAHASHI	DATE 2014/09/16				
		30 OVER	± 0.15	APPROVED BY YNOGAWA	DATE 2014/11/10				
		ANGULAR ±3 °		MATERIAL NO. SEE CHART		DOCUMENT NO. SD-78127-003			SHEET NO. 1 OF 2
	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					
	REV								

9 8 7 6 5 4 3 2

E

- D

BA