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Part Number: [0878970526](#)
Status: **Active**
Overview: [kk](#)
Description: 2.54mm (.100") Pitch KK® Header, Right Angle, Through Hole, Breakaway, 5 Circuits, 2.54µm (100µ") Tin (Sn) Plating, without Cap, Tube Packaging, Lead-free

Documents:
[Drawing \(PDF\)](#) [RoHS Certificate of Compliance \(PDF\)](#)
[Product Specification PS-87920-019 \(PDF\)](#)

General

Product Family PCB Headers
Series [87897](#)
Application Board-to-Board, Wire-to-Board
Overview [kk](#)
Product Name KK®

Physical

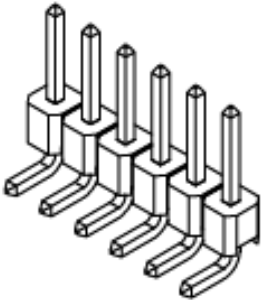
Breakaway Yes
Circuits (Loaded) 5
Circuits (maximum) 5
Color - Resin Black
First Mate / Last Break No
Glow-Wire Compliant No
Guide to Mating Part No
Keying to Mating Part None
Lock to Mating Part None
Material - Metal Copper Alloy
Material - Plating Mating Tin
Material - Resin High Temperature Thermoplastic
Number of Rows 1
Orientation Right Angle
PC Tail Length (in) 0.090 In
PC Tail Length (mm) 2.29 mm
PCB Locator No
PCB Retention None
Packaging Type Tube
Pitch - Mating Interface (in) 0.100 In
Pitch - Mating Interface (mm) 2.54 mm
Pitch - Term. Interface (in) 0.100 In
Pitch - Term. Interface (mm) 2.54 mm
Plating min: Mating (µin) 100
Plating min: Mating (µm) 2.54
Polarized to Mating Part No
Polarized to PCB No
Shrouded No
Stackable No
Temperature Range - Operating -55°C to +105°C
Termination Interface: Style Through Hole

Electrical

Current - Maximum per Contact 3A
Voltage - Maximum 250V

Solder Process Data

Duration at Max. Process Temperature (seconds) 10



Series

image - Reference only

EU RoHS
ELV and RoHS
Compliant
REACH SVHC
Not Reviewed
Halogen-Free
Status
Not Reviewed

China RoHS



Need more information on product environmental compliance?

Email productcompliance@molex.com
For a multiple part number RoHS Certificate of Compliance, [click here](#)

Please visit the [Contact Us](#) section for any non-product compliance questions.

Search Parts in this Series
[87897Series](#)

Mates With
KK® PCB Receptacles [4455](#). SL™ IDT
Housings [70430](#) , [7720](#), [70400](#). C-Grid®
PCB Receptacles [90147](#), [90148](#)

Lead-free Process Capability	Wave Capable (TH only)
Max. Cycles at Max. Process Temperature	3
Process Temperature max. C	260

Material Info

Reference - Drawing Numbers

Packaging Specification	PK-89990-516
Product Specification	PS-87920-019
Sales Drawing	SD-87897-010

This document was generated on 05/25/2010

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10 9 8 7 6 5 4 3 2 1

F

E

D

C

B

A

F

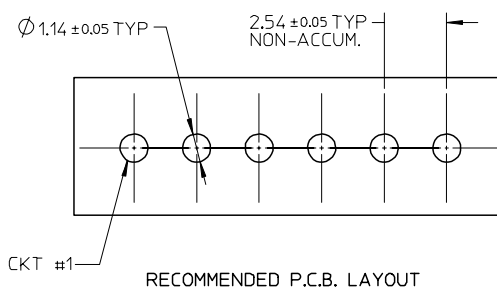
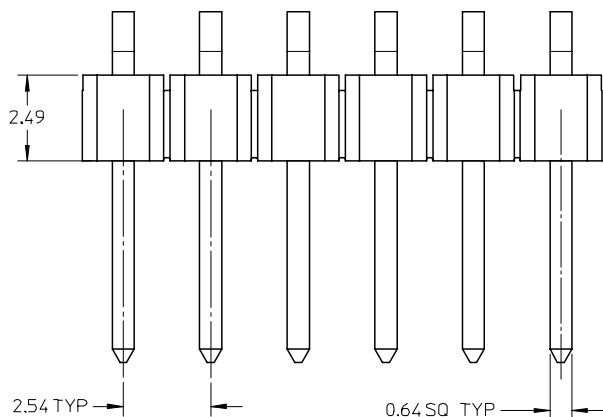
E

D

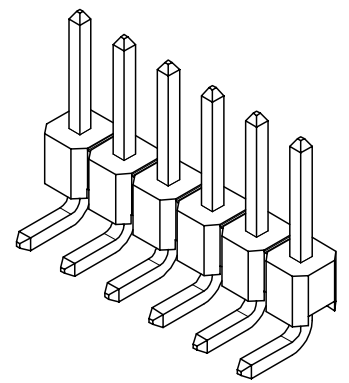
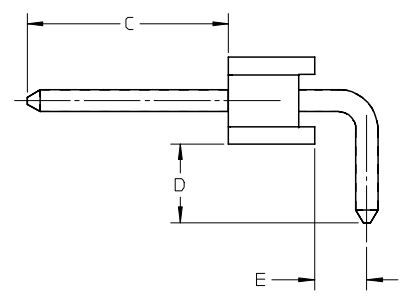
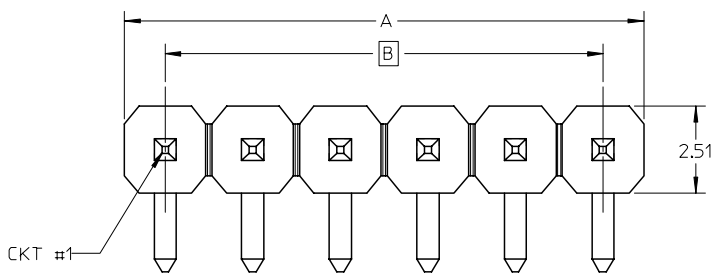
C

B

A



RECOMMENDED P.C.B. LAYOUT



- NOTES:
1. MATERIAL:
HOUSING: HIGH TEMP. THERMOPLASTIC UL94V-0,
COLOR: BLACK
TERMINAL: COPPER ALLOY
 2. PLATING TYPE:
(1) : GOLD FLASH OVER
50 MICRO INCHES MIN. NICKEL OVERALL.

(2) : 1 MICRO INCHES MIN. GOLD PLATE ON CONTACT AND
75 MICRO INCHES MIN. TIN ON SOLDERTAIL OVER
50 MICRO INCHES MIN. NICKEL OVERALL.

(3) : 10 MICRO INCHES MIN. GOLD PLATE ON CONTACT AND
75 MICRO INCHES MIN. TIN ON SOLDERTAIL OVER
50 MICRO INCHES MIN. NICKEL OVERALL.

(4) : 15 MICRO INCHES MIN. GOLD PLATE ON CONTACT AND
75 MICRO INCHES MIN. TIN ON SOLDERTAIL OVER
50 MICRO INCHES MIN. NICKEL OVERALL.

(5) : 30 MICRO INCHES MIN. GOLD PLATE ON CONTACT AND
75 MICRO INCHES MIN. TIN ON SOLDERTAIL OVER
50 MICRO INCHES MIN. NICKEL OVERALL.

(6) : 100 MICRO INCHES MIN. TIN IN SELECTED AREA OVER
50 MICRO INCHES MIN. NICKEL OVERALL.
 3. PIN PUSHOUT FORCE: 1KG MIN IN EITHER DIRECTION
 4. THE ABOVE 6 CKT IS FOR ILLUSTRATION PURPOSE ONLY.
 5. FOR PACKAGING OPTION PLEASE REFER TO THE TABLE.

EWR#1086 EC NO: S2007-0876 DRWN:CLAM CHKD:KLEE APPR:KLEE 2007/04/09 2007/04/13 2007/04/14	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 YLQIAO	DATE 2005/01/24	TITLE SALES DRAWING SINGLE ROW SINGLE WAFER 2.54MM PITCH, R/A				
			4 PLACES	± ---	± ---	CHECKED BY	DATE					
			3 PLACES	± ---	± ---	PTL IM	2005/02/01	MOLEX INCORPORATED				
			2 PLACES	± 0.2	± ---	APPROVED BY	DATE					
1 PLACE	± ---	± ---	SCLOW	2005/02/01	DOCUMENT NO. SD-87897-010							
ANGULAR ± 3 °			MATERIAL NO. SEE TABLE							SHEET NO. 1 OF 15		
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								

9 8 7 6 5 4 3 2 1

		10		9		8		7		6		5		4		3		2		1						
		PACKAGING OPTION PART NO.						CKT SIZE	VOID POSITION	PLATING TYPE	DIMENSION															
		TRY WITHOUT CAP	TRY WITH CAP	TUBE WITHOUT CAP	TUBE WITH CAP	TAPE & REEL WITHOUT CAP	TAPE & REEL WITH CAP				A	B	C	D	E											
F		87897-2501	-----	87897-2521	-----	-----	-----	25	----	1	63.50	60.96	5.84	2.29	1.52											F
		87897-2502	-----	87897-2522	-----	-----	-----	25	----	2	63.50	60.96	5.84	2.29	1.52											
		87897-2503	-----	87897-2523	-----	-----	-----	25	----	3	63.50	60.96	5.84	2.29	1.52											
		87897-2504	-----	87897-2524	-----	-----	-----	25	----	4	63.50	60.96	5.84	2.29	1.52											
		87897-2505	-----	87897-2525	-----	-----	-----	25	----	5	63.50	60.96	5.84	2.29	1.52											
		87897-2506	-----	87897-2526	-----	-----	-----	25	----	6	63.50	60.96	5.84	2.29	1.52											
E																										E
		87897-2601	-----	87897-2621	-----	-----	-----	26	----	1	66.04	63.50	5.84	2.29	1.52											
D		87897-2602	-----	87897-2622	-----	-----	-----	26	----	2	66.04	63.50	5.84	2.29	1.52											
		87897-2603	-----	87897-2623	-----	-----	-----	26	----	3	66.04	63.50	5.84	2.29	1.52											
		87897-2604	-----	87897-2624	-----	-----	-----	26	----	4	66.04	63.50	5.84	2.29	1.52											
		87897-2605	-----	87897-2625	-----	-----	-----	26	----	5	66.04	63.50	5.84	2.29	1.52											D
		87897-2606	-----	87897-2626	-----	-----	-----	26	----	6	66.04	63.50	5.84	2.29	1.52											
C																										
		87897-2701	-----	87897-2721	-----	-----	-----	27	----	1	68.58	66.04	5.84	2.29	1.52											
		87897-2702	-----	87897-2722	-----	-----	-----	27	----	2	68.58	66.04	5.84	2.29	1.52											
		87897-2703	-----	87897-2723	-----	-----	-----	27	----	3	68.58	66.04	5.84	2.29	1.52											C
		87897-2704	-----	87897-2724	-----	-----	-----	27	----	4	68.58	66.04	5.84	2.29	1.52											
		87897-2705	-----	87897-2725	-----	-----	-----	27	----	5	68.58	66.04	5.84	2.29	1.52											
B		87897-2706	-----	87897-2726	-----	-----	-----	27	----	6	68.58	66.04	5.84	2.29	1.52											
																										B
A							EWB#1086 EC NO: S2007-0876 DRAWN: CMLAM 2007/04/09 CHKD: KWLEE 2007/04/13 APPR: KWLEE 2007/04/14		DESCRIPTION REV	QUALITY SYMBOLS ▽=0 ▽=0	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE MM ONLY		SCALE NTS	DESIGN UNITS METRIC	THIRD ANGLE PROJECTION		SALES DRAWING SINGLE ROW SINGLE WAFER 2.54MM PITCH, R/A MOLEX INCORPORATED				SHEET NO. 10 OF 15			
	DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		SEE TABLE		APPROVED BY SCLOW 2005/02/01		DOCUMENT NO. SD-87897-010																			
	SIZE A3		THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION																							
	tb_frame_A3_P_AM_T Rev. E 2006/04/15		9		8		7		6		5		4		3		2		1							

	10	9	8	7	6	5	4	3	2	1					
	PACKAGING OPTION PART NO.						CKT SIZE	VOID POSITION	PLATING TYPE	DIMENSION					
	TRY WITHOUT CAP	TRY WITH CAP	TUBE WITHOUT CAP	TUBE WITH CAP	TAPE & REEL WITHOUT CAP	TAPE & REEL WITH CAP				A	B	C	D	E	
F	87897-2801	-----	87897-2821	-----	-----	-----	28	----	1	71.12	68.58	5.84	2.29	1.52	F
	87897-2802	-----	87897-2822	-----	-----	-----	28	----	2	71.12	68.58	5.84	2.29	1.52	
	87897-2803	-----	87897-2823	-----	-----	-----	28	----	3	71.12	68.58	5.84	2.29	1.52	
	87897-2804	-----	87897-2824	-----	-----	-----	28	----	4	71.12	68.58	5.84	2.29	1.52	
	87897-2805	-----	87897-2825	-----	-----	-----	28	----	5	71.12	68.58	5.84	2.29	1.52	
	87897-2806	-----	87897-2826	-----	-----	-----	28	----	6	71.12	68.58	5.84	2.29	1.52	
E															E
	87897-2901	-----	87897-2921	-----	-----	-----	29	----	1	73.66	71.12	5.84	2.29	1.52	
	87897-2902	-----	87897-2922	-----	-----	-----	29	----	2	73.66	71.12	5.84	2.29	1.52	
	87897-2903	-----	87897-2923	-----	-----	-----	29	----	3	73.66	71.12	5.84	2.29	1.52	
	87897-2904	-----	87897-2924	-----	-----	-----	29	----	4	73.66	71.12	5.84	2.29	1.52	
D	87897-2905	-----	87897-2925	-----	-----	-----	29	----	5	73.66	71.12	5.84	2.29	1.52	D
	87897-2906	-----	87897-2926	-----	-----	-----	29	----	6	73.66	71.12	5.84	2.29	1.52	
	87897-3001	-----	87897-3021	-----	-----	-----	30	----	1	76.20	73.66	5.84	2.29	1.52	
	87897-3002	-----	87897-3022	-----	-----	-----	30	----	2	76.20	73.66	5.84	2.29	1.52	
C	87897-3003	-----	87897-3023	-----	-----	-----	30	----	3	76.20	73.66	5.84	2.29	1.52	C
	87897-3004	-----	87897-3024	-----	-----	-----	30	----	4	76.20	73.66	5.84	2.29	1.52	
	87897-3005	-----	87897-3025	-----	-----	-----	30	----	5	76.20	73.66	5.84	2.29	1.52	
	87897-3006	-----	87897-3026	-----	-----	-----	30	----	6	76.20	73.66	5.84	2.29	1.52	
B															B
A	EWR#1086 EC NO: S2007-0876 DRWN:CLAM 2007/04/09 CHKD:WLEE 2007/04/13 APPR:WLEE 2007/04/14						REV A1	DESCRIPTION QUALITY SYMBOLS ▽=0 ▽C=0	GENERAL TOLERANCES (UNLESS SPECIFIED)	DIMENSION STYLE MM ONLY	SCALE NTS	DESIGN UNITS METRIC	THIRD ANGLE PROJECTION		
									4 PLACES ± --- ± --- 3 PLACES ± --- ± --- 2 PLACES ± 0.2 ± --- 1 PLACE ± --- ± --- ANGULAR ± 3 °	DRAWN BY YLQ1A0 CHECKED BY PTL IM APPROVED BY SCLOW MATERIAL NO.	DATE 2005/01/24 DATE 2005/02/01 DATE 2005/02/01	TITLE SALES DRAWING SINGLE ROW SINGLE WAFER 2.54MM PITCH, R/A	MOLEX INCORPORATED		
								DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS	SEE TABLE	SD-87897-010	DOCUMENT NO.	SHEET NO. 11 OF 15	THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION		
	ib_frame_A3_P_AM_T Rev. E 2006/04/15	9	8	7	6	5	4	3	2	1					

10		9		8		7		6		5		4		3		2		1				
PACKAGING OPTION PART NO.						CKT SIZE	VOID POSITION	PLATING TYPE	DIMENSION													
TRY WITHOUT CAP	TRY WITH CAP	TUBE WITHOUT CAP	TUBE WITH CAP	TAPE & REEL WITHOUT CAP	TAPE & REEL WITH CAP				A	B	C	D	E									
F	87897-3101	-----	87897-3121	-----	-----	-----	31	-----	1	78.74	76.20	5.84	2.29	1.52								
	87897-3102	-----	87897-3122	-----	-----	-----	31	-----	2	78.74	76.20	5.84	2.29	1.52								
	87897-3103	-----	87897-3123	-----	-----	-----	31	-----	3	78.74	76.20	5.84	2.29	1.52								
	87897-3104	-----	87897-3124	-----	-----	-----	31	-----	4	78.74	76.20	5.84	2.29	1.52								
	87897-3105	-----	87897-3125	-----	-----	-----	31	-----	5	78.74	76.20	5.84	2.29	1.52								
	87897-3106	-----	87897-3126	-----	-----	-----	31	-----	6	78.74	76.20	5.84	2.29	1.52								
E																						
	87897-3201	-----	87897-3221	-----	-----	-----	32	-----	1	81.28	78.74	5.84	2.29	1.52								
	87897-3202	-----	87897-3222	-----	-----	-----	32	-----	2	81.28	78.74	5.84	2.29	1.52								
	87897-3203	-----	87897-3223	-----	-----	-----	32	-----	3	81.28	78.74	5.84	2.29	1.52								
D	87897-3204	-----	87897-3224	-----	-----	-----	32	-----	4	81.28	78.74	5.84	2.29	1.52								
	87897-3205	-----	87897-3225	-----	-----	-----	32	-----	5	81.28	78.74	5.84	2.29	1.52								
	87897-3206	-----	87897-3226	-----	-----	-----	32	-----	6	81.28	78.74	5.84	2.29	1.52								
C	87897-3301	-----	87897-3321	-----	-----	-----	33	-----	1	83.82	81.28	5.84	2.29	1.52								
	87897-3302	-----	87897-3322	-----	-----	-----	33	-----	2	83.82	81.28	5.84	2.29	1.52								
	87897-3303	-----	87897-3323	-----	-----	-----	33	-----	3	83.82	81.28	5.84	2.29	1.52								
	87897-3304	-----	87897-3324	-----	-----	-----	33	-----	4	83.82	81.28	5.84	2.29	1.52								
	87897-3305	-----	87897-3325	-----	-----	-----	33	-----	5	83.82	81.28	5.84	2.29	1.52								
	87897-3306	-----	87897-3326	-----	-----	-----	33	-----	6	83.82	81.28	5.84	2.29	1.52								
B																						
A							QUALITY SYMBOLS ▽=0 ▽=0		GENERAL TOLERANCES (UNLESS SPECIFIED) mm INCH 4 PLACES ± --- ± --- 3 PLACES ± --- ± --- 2 PLACES ± 0.2 ± --- 1 PLACE ± --- ± --- ANGULAR ± 3 °		DIMENSION STYLE MM ONLY DRAWN BY YLQIAO DATE 2005/01/24 CHECKED BY DATE PTL IM 2005/02/01 APPROVED BY DATE SCLOW 2005/02/01		SCALE NTS		DESIGN UNITS METRIC		THIRD ANGLE PROJECTION		SALES DRAWING SINGLE ROW SINGLE WAFER 2.54MM PITCH, R/A MOLEX INCORPORATED SD-87897-010		SHEET NO. 12 OF 15	
	EWR#1086 EC NO: S2007-0876 DRAWN: CMLAM 2007/04/09 CHKD: KWLEE 2007/04/13 APPR: KWLEE 2007/04/14						DESCRIPTION REV		DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		MATERIAL NO. SEE TABLE		DOCUMENT NO.									
											SIZE A3		THIS DRAWING									

	10	9	8	7	6	5	4	3	2	1							
	PACKAGING OPTION PART NO.						CKT SIZE	VOID POSITION	PLATING TYPE	DIMENSION							
	TRY WITHOUT CAP	TRY WITH CAP	TUBE WITHOUT CAP	TUBE WITH CAP	TAPE & REEL WITHOUT CAP	TAPE & REEL WITH CAP				A	B	C	D	E			
F	87897-3401	-----	87897-3421	-----	-----	-----	34	----	1	86.36	83.82	5.84	2.29	1.52	F		
	87897-3402	-----	87897-3422	-----	-----	-----	34	----	2	86.36	83.82	5.84	2.29	1.52			
	87897-3403	-----	87897-3423	-----	-----	-----	34	----	3	86.36	83.82	5.84	2.29	1.52			
	87897-3404	-----	87897-3424	-----	-----	-----	34	----	4	86.36	83.82	5.84	2.29	1.52			
	87897-3405	-----	87897-3425	-----	-----	-----	34	----	5	86.36	83.82	5.84	2.29	1.52			
	87897-3406	-----	87897-3426	-----	-----	-----	34	----	6	86.36	83.82	5.84	2.29	1.52			
E															E		
	87897-3501	-----	87897-3521	-----	-----	-----	35	----	1	88.90	86.36	5.84	2.29	1.52			
	87897-3502	-----	87897-3522	-----	-----	-----	35	----	2	88.90	86.36	5.84	2.29	1.52			
	87897-3503	-----	87897-3523	-----	-----	-----	35	----	3	88.90	86.36	5.84	2.29	1.52			
	87897-3504	-----	87897-3524	-----	-----	-----	35	----	4	88.90	86.36	5.84	2.29	1.52			
D	87897-3505	-----	87897-3525	-----	-----	-----	35	----	5	88.90	86.36	5.84	2.29	1.52	D		
	87897-3506	-----	87897-3526	-----	-----	-----	35	----	6	88.90	86.36	5.84	2.29	1.52			
	87897-3601	-----	87897-3621	-----	-----	-----	36	----	1	91.44	88.90	5.84	2.29	1.52			
	87897-3602	-----	87897-3622	-----	-----	-----	36	----	2	91.44	88.90	5.84	2.29	1.52			
C	87897-3603	-----	87897-3623	-----	-----	-----	36	----	3	91.44	88.90	5.84	2.29	1.52	C		
	87897-3604	-----	87897-3624	-----	-----	-----	36	----	4	91.44	88.90	5.84	2.29	1.52			
	87897-3605	-----	87897-3625	-----	-----	-----	36	----	5	91.44	88.90	5.84	2.29	1.52			
	87897-3606	-----	87897-3626	-----	-----	-----	36	----	6	91.44	88.90	5.84	2.29	1.52			
B															B		
A	EW R#1086 EC NO: S2007-0876 DRWN: CWL AM CHKD: KWLEE APPR: KWLEE A1						QUALITY SYMBOLS	GENERAL TOLERANCES (UNLESS SPECIFIED)	DIMENSION STYLE MM ONLY	SCALE NTS	DESIGN UNITS METRIC	THIRD ANGLE PROJECTION	SALES DRAWING SINGLE ROW SINGLE WAFER 2.54MM PITCH, R/A		MOLEX INCORPORATED		SHEET NO. 13 OF 15
							▽=0 ▽C=0	4 PLACES ± --- ± --- 3 PLACES ± --- ± --- 2 PLACES ± 0.2 ± --- 1 PLACE ± --- ± --- ANGULAR ± 3 °	DRAWN BY YLQ1A0	DATE 2005/01/24	TITLE	SD-87897-010		THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION			
							DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS	SEE TABLE	SD-87897-010								
							SIZE A3										
tb_frame_A3_P_AM_T Rev. E 2006/04/15	9	8	7	6	5	4	3	2	1								

10		9		8		7		6		5		4		3		2		1		
PACKAGING OPTION PART NO.						CKT SIZE	VOID POSITION	PLATING TYPE	DIMENSION											
TRY WITHOUT CAP	TRY WITH CAP	TUBE WITHOUT CAP	TUBE WITH CAP	TAPE & REEL WITHOUT CAP	TAPE & REEL WITH CAP				A	B	C	D	E							
F	87897-3701	-----	87897-3721	-----	-----	-----	37	-----	1	93.98	91.44	5.84	2.29	1.52						
	87897-3702	-----	87897-3722	-----	-----	-----	37	-----	2	93.98	91.44	5.84	2.29	1.52						
	87897-3703	-----	87897-3723	-----	-----	-----	37	-----	3	93.98	91.44	5.84	2.29	1.52						
	87897-3704	-----	87897-3724	-----	-----	-----	37	-----	4	93.98	91.44	5.84	2.29	1.52						
	87897-3705	-----	87897-3725	-----	-----	-----	37	-----	5	93.98	91.44	5.84	2.29	1.52						
	87897-3706	-----	87897-3726	-----	-----	-----	37	-----	6	93.98	91.44	5.84	2.29	1.52						
E																				
	87897-3801	-----	87897-3821	-----	-----	-----	38	-----	1	96.52	93.98	5.84	2.29	1.52						
	87897-3802	-----	87897-3822	-----	-----	-----	38	-----	2	96.52	93.98	5.84	2.29	1.52						
	87897-3803	-----	87897-3823	-----	-----	-----	38	-----	3	96.52	93.98	5.84	2.29	1.52						
D	87897-3804	-----	87897-3824	-----	-----	-----	38	-----	4	96.52	93.98	5.84	2.29	1.52						
	87897-3805	-----	87897-3825	-----	-----	-----	38	-----	5	96.52	93.98	5.84	2.29	1.52						
	87897-3806	-----	87897-3826	-----	-----	-----	38	-----	6	96.52	93.98	5.84	2.29	1.52						
C	87897-3901	-----	87897-3921	-----	-----	-----	39	-----	1	99.06	96.52	5.84	2.29	1.52						
	87897-3902	-----	87897-3922	-----	-----	-----	39	-----	2	99.06	96.52	5.84	2.29	1.52						
	87897-3903	-----	87897-3923	-----	-----	-----	39	-----	3	99.06	96.52	5.84	2.29	1.52						
	87897-3904	-----	87897-3924	-----	-----	-----	39	-----	4	99.06	96.52	5.84	2.29	1.52						
	87897-3905	-----	87897-3925	-----	-----	-----	39	-----	5	99.06	96.52	5.84	2.29	1.52						
	87897-3906	-----	87897-3926	-----	-----	-----	39	-----	6	99.06	96.52	5.84	2.29	1.52						
B																				
A							QUALITY SYMBOLS ▽=0 ▽=0		GENERAL TOLERANCES (UNLESS SPECIFIED) mm INCH 4 PLACES ± --- ± --- 3 PLACES ± --- ± --- 2 PLACES ± 0.2 ± --- 1 PLACE ± --- ± --- ANGULAR ± 3 °		DIMENSION STYLE MM ONLY DRAWN BY YLQIAO DATE 2005/01/24 CHECKED BY DATE PTL IM 2005/02/01 APPROVED BY DATE SCLOW 2005/02/01		SCALE NTS		DESIGN UNITS METRIC		THIRD ANGLE PROJECTION		SALES DRAWING SINGLE ROW SINGLE WAFER 2.54MM PITCH, R/A MOLEX INCORPORATED SD-87897-010 SHEET NO. 14 OF 15	
	EWR#1086 EC NO: S2007-0876 DRAWN:CLAM 2007/04/09 CHKD:KMLEE 2007/04/13 APPR:KMLEE 2007/04/14						DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		MATERIAL NO. SEE TABLE		DOCUMENT NO.									
	A1								SIZE A3		THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION									

tb_frame_A3_P_AM_T Rev. E 2006/04/15	9	8	7	6	5	4	3	2	1
---	---	---	---	---	---	---	---	---	---

[illegible]

10		9		8		7		6		5		4		3		2		1		
PACKAGING OPTION PART NO.						CKT SIZE	VOID POSITION	PLATING TYPE	DIMENSION											
TRY WITHOUT CAP	TRY WITH CAP	TUBE WITHOUT CAP	TUBE WITH CAP	TAPE & REEL WITHOUT CAP	TAPE & REEL WITH CAP				A	B	C	D	E							
F	87897-0101	-----	87897-0121	-----	-----	-----	1	-----	1	2.54	--	5.84	2.29	1.52						
	87897-0102	-----	87897-0122	-----	-----	-----	1	-----	2	2.54	--	5.84	2.29	1.52						
	87897-0103	-----	87897-0123	-----	-----	-----	1	-----	3	2.54	--	5.84	2.29	1.52						
	87897-0104	-----	87897-0124	-----	-----	-----	1	-----	4	2.54	--	5.84	2.29	1.52						
	87897-0105	-----	87897-0125	-----	-----	-----	1	-----	5	2.54	--	5.84	2.29	1.52						
	87897-0106	-----	87897-0126	-----	-----	-----	1	-----	6	2.54	--	5.84	2.29	1.52						
E																				
	87897-0201	-----	87897-0221	-----	-----	-----	2	-----	1	5.08	2.54	5.84	2.29	1.52						
	87897-0202	-----	87897-0222	-----	-----	-----	2	-----	2	5.08	2.54	5.84	2.29	1.52						
	87897-0203	-----	87897-0223	-----	-----	-----	2	-----	3	5.08	2.54	5.84	2.29	1.52						
D	87897-0204	-----	87897-0224	-----	-----	-----	2	-----	4	5.08	2.54	5.84	2.29	1.52						
	87897-0205	-----	87897-0225	-----	-----	-----	2	-----	5	5.08	2.54	5.84	2.29	1.52						
	87897-0206	-----	87897-0226	-----	-----	-----	2	-----	6	5.08	2.54	5.84	2.29	1.52						
C	87897-0301	-----	87897-0321	-----	-----	-----	3	-----	1	7.62	5.08	5.84	2.29	1.52						
	87897-0302	-----	87897-0322	-----	-----	-----	3	-----	2	7.62	5.08	5.84	2.29	1.52						
	87897-0303	-----	87897-0323	-----	-----	-----	3	-----	3	7.62	5.08	5.84	2.29	1.52						
	87897-0304	-----	87897-0324	-----	-----	-----	3	-----	4	7.62	5.08	5.84	2.29	1.52						
	87897-0305	-----	87897-0325	-----	-----	-----	3	-----	5	7.62	5.08	5.84	2.29	1.52						
	87897-0306	-----	87897-0326	-----	-----	-----	3	-----	6	7.62	5.08	5.84	2.29	1.52						
B																				
A							QUALITY SYMBOLS ▽=0 ▽=0		GENERAL TOLERANCES (UNLESS SPECIFIED) mm INCH 4 PLACES ± --- ± --- 3 PLACES ± --- ± --- 2 PLACES ± 0.2 ± --- 1 PLACE ± --- ± --- ANGULAR ± 3 °		DIMENSION STYLE MM ONLY DRAWN BY YLQIAO DATE 2005/01/24 CHECKED BY PTLIM DATE 2005/02/01 APPROVED BY SCLOW DATE 2005/02/01		SCALE NTS		DESIGN UNITS METRIC		THIRD ANGLE PROJECTION		TITLE SALES DRAWING SINGLE ROW SINGLE WAFER 2.54MM PITCH, R/A	
							DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		SEE TABLE		MATERIAL NO.		DOCUMENT NO.		MOLEX INCORPORATED		SHEET NO. 2 OF 15			
							SIZE A3		THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION											
tb_frame_A3_P_AM_T Rev. E 2006/04/15		9		8		7		6		5		4		3		2		1		

	10	9	8	7	6	5	4	3	2	1								
	PACKAGING OPTION PART NO.						CKT SIZE	VOID POSITION	PLATING TYPE	DIMENSION								
	TRY WITHOUT CAP	TRY WITH CAP	TUBE WITHOUT CAP	TUBE WITH CAP	TAPE & REEL WITHOUT CAP	TAPE & REEL WITH CAP				A	B	C	D	E				
F	87897-0401	-----	87897-0421	-----	-----	-----	4	----	1	10.16	7.62	5.84	2.29	1.52	F			
	87897-0402	-----	87897-0422	-----	-----	-----	4	----	2	10.16	7.62	5.84	2.29	1.52				
	87897-0403	-----	87897-0423	-----	-----	-----	4	----	3	10.16	7.62	5.84	2.29	1.52				
	87897-0404	-----	87897-0424	-----	-----	-----	4	----	4	10.16	7.62	5.84	2.29	1.52				
	87897-0405	-----	87897-0425	-----	-----	-----	4	----	5	10.16	7.62	5.84	2.29	1.52				
	87897-0406	-----	87897-0426	-----	-----	-----	4	----	6	10.16	7.62	5.84	2.29	1.52				
E															E			
	87897-0501	-----	87897-0521	-----	-----	-----	5	----	1	12.70	10.16	5.84	2.29	1.52				
	87897-0502	-----	87897-0522	-----	-----	-----	5	----	2	12.70	10.16	5.84	2.29	1.52				
	87897-0503	-----	87897-0523	-----	-----	-----	5	----	3	12.70	10.16	5.84	2.29	1.52				
	87897-0504	-----	87897-0524	-----	-----	-----	5	----	4	12.70	10.16	5.84	2.29	1.52				
D	87897-0505	-----	87897-0525	-----	-----	-----	5	----	5	12.70	10.16	5.84	2.29	1.52	D			
	87897-0506	-----	87897-0526	-----	-----	-----	5	----	6	12.70	10.16	5.84	2.29	1.52				
	87897-0601	-----	87897-0621	-----	-----	-----	6	----	1	15.24	12.70	5.84	2.29	1.52				
	87897-0602	-----	87897-0622	-----	-----	-----	6	----	2	15.24	12.70	5.84	2.29	1.52				
C	87897-0603	-----	87897-0623	-----	-----	-----	6	----	3	15.24	12.70	5.84	2.29	1.52	C			
	87897-0604	-----	87897-0624	-----	-----	-----	6	----	4	15.24	12.70	5.84	2.29	1.52				
	87897-0605	-----	87897-0625	-----	-----	-----	6	----	5	15.24	12.70	5.84	2.29	1.52				
	87897-0606	-----	87897-0626	-----	-----	-----	6	----	6	15.24	12.70	5.84	2.29	1.52				
B															B			
A	EWB#1086 EC NO: S2007-0876 DRWN:CLAM 2007/04/09 CHKD:KLEE 2007/04/13 APPR:KLEE 2007/04/14 A1						QUALITY SYMBOLS	▽=0 ▽C=0	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE MM ONLY		SCALE NTS	DESIGN UNITS METRIC	THIRD ANGLE PROJECTION		SALES DRAWING SINGLE ROW SINGLE WAFER 2.54MM PITCH, R/A MOLEX MOLEX INCORPORATED	SHEET NO. 3 OF 15
									mm	INCH	DRAWN BY DATE		TITLE					
4 PLACES ± --- ± ---									YHQ1A0 2005/01/24									
3 PLACES ± --- ± ---									CHECKED BY DATE									
2 PLACES ± 0.2 ± ---									PTL IM 2005/02/01									
1 PLACE ± --- ± ---									APPROVED BY DATE									
ANGULAR ± 3 °									SCLW 2005/02/01									
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS									MATERIAL NO.		DOCUMENT NO.							
									SIZE A3		THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION							
									SEE TABLE		SD-87897-010							
ib_frame_A3_P_AM_T	9	8	7	6	5	4	3	2	1									
Rev. E 2006/04/15																		

10		9		8		7		6		5		4		3		2		1	
PACKAGING OPTION PART NO.						CKT SIZE	VOID POSITION	PLATING TYPE	DIMENSION										
TRY WITHOUT CAP	TRY WITH CAP	TUBE WITHOUT CAP	TUBE WITH CAP	TAPE & REEL WITHOUT CAP	TAPE & REEL WITH CAP				A	B	C	D	E						
F	87897-0701	-----	87897-0721	-----	-----	-----	7	-----	1	17.78	15.24	5.84	2.29	1.52					
	87897-0702	-----	87897-0722	-----	-----	-----	7	-----	2	17.78	15.24	5.84	2.29	1.52					
	87897-0703	-----	87897-0723	-----	-----	-----	7	-----	3	17.78	15.24	5.84	2.29	1.52					
	87897-0704	-----	87897-0724	-----	-----	-----	7	-----	4	17.78	15.24	5.84	2.29	1.52					
	87897-0705	-----	87897-0725	-----	-----	-----	7	-----	5	17.78	15.24	5.84	2.29	1.52					
	87897-0706	-----	87897-0726	-----	-----	-----	7	-----	6	17.78	15.24	5.84	2.29	1.52					
E																			
	87897-0801	-----	87897-0821	-----	-----	-----	8	-----	1	20.32	17.78	5.84	2.29	1.52					
	87897-0802	-----	87897-0822	-----	-----	-----	8	-----	2	20.32	17.78	5.84	2.29	1.52					
	87897-0803	-----	87897-0823	-----	-----	-----	8	-----	3	20.32	17.78	5.84	2.29	1.52					
D	87897-0804	-----	87897-0824	-----	-----	-----	8	-----	4	20.32	17.78	5.84	2.29	1.52					
	87897-0805	-----	87897-0825	-----	-----	-----	8	-----	5	20.32	17.78	5.84	2.29	1.52					
	87897-0806	-----	87897-0826	-----	-----	-----	8	-----	6	20.32	17.78	5.84	2.29	1.52					
C	87897-0901	-----	87897-0921	-----	-----	-----	9	-----	1	22.86	20.32	5.84	2.29	1.52					
	87897-0902	-----	87897-0922	-----	-----	-----	9	-----	2	22.86	20.32	5.84	2.29	1.52					
	87897-0903	-----	87897-0923	-----	-----	-----	9	-----	3	22.86	20.32	5.84	2.29	1.52					
	87897-0904	-----	87897-0924	-----	-----	-----	9	-----	4	22.86	20.32	5.84	2.29	1.52					
	87897-0905	-----	87897-0925	-----	-----	-----	9	-----	5	22.86	20.32	5.84	2.29	1.52					
	87897-0906	-----	87897-0926	-----	-----	-----	9	-----	6	22.86	20.32	5.84	2.29	1.52					
B																			
A							EWB#1086 EC NO: S2007-0876 DRAWN: C/LAM 2007/04/09 CHKD: KWLEE 2007/04/13 APPR: KWLEE 2007/04/14		QUALITY SYMBOLS ▽=0 ▽=0	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE MM ONLY		SCALE NTS	DESIGN UNITS METRIC	THIRD ANGLE PROJECTION			
	4 PLACES		± ---	± ---	DRAWN BY		DATE	TITLE											
	3 PLACES		± ---	± ---	CHECKED BY		DATE	SALES DRAWING SINGLE ROW SINGLE WAFER 2.54MM PITCH, R/A											
	2 PLACES		± 0.2	± ---	PTL IM		2005/02/01	MOLEX INCORPORATED											
	1 PLACE		± ---	± ---	APPROVED BY		DATE												
	ANGULAR ± 3 °		SCLOW		2005/02/01														
	DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		MATERIAL NO.		SEE TABLE		DOCUMENT NO.		SD-87897-010		SHEET NO. 4 OF 15								
	SIZE A3		THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION																

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9

8

7

6

5

4

3

2

1

	10	9	8	7	6	5	4	3	2	1													
	PACKAGING OPTION PART NO.						CKT SIZE	VOID POSITION	PLATING TYPE	DIMENSION													
	TRY WITHOUT CAP	TRY WITH CAP	TUBE WITHOUT CAP	TUBE WITH CAP	TAPE & REEL WITHOUT CAP	TAPE & REEL WITH CAP				A	B	C	D	E									
F	87897-1001	-----	87897-1021	-----	-----	-----	10	-----	1	25.40	22.86	5.84	2.29	1.52	F								
	87897-1002	-----	87897-1022	-----	-----	-----	10	-----	2	25.40	22.86	5.84	2.29	1.52									
	87897-1003	-----	87897-1023	-----	-----	-----	10	-----	3	25.40	22.86	5.84	2.29	1.52									
	87897-1004	-----	87897-1024	-----	-----	-----	10	-----	4	25.40	22.86	5.84	2.29	1.52									
	87897-1005	-----	87897-1025	-----	-----	-----	10	-----	5	25.40	22.86	5.84	2.29	1.52									
	87897-1006	-----	87897-1026	-----	-----	-----	10	-----	6	25.40	22.86	5.84	2.29	1.52									
E															E								
	87897-1101	-----	87897-1121	-----	-----	-----	11	-----	1	27.94	25.40	5.84	2.29	1.52									
	87897-1102	-----	87897-1122	-----	-----	-----	11	-----	2	27.94	25.40	5.84	2.29	1.52									
	87897-1103	-----	87897-1123	-----	-----	-----	11	-----	3	27.94	25.40	5.84	2.29	1.52									
	87897-1104	-----	87897-1124	-----	-----	-----	11	-----	4	27.94	25.40	5.84	2.29	1.52									
D	87897-1105	-----	87897-1125	-----	-----	-----	11	-----	5	27.94	25.40	5.84	2.29	1.52	D								
	87897-1106	-----	87897-1126	-----	-----	-----	11	-----	6	27.94	25.40	5.84	2.29	1.52									
	87897-1201	-----	87897-1221	-----	-----	-----	12	-----	1	30.48	27.94	5.84	2.29	1.52									
	87897-1202	-----	87897-1222	-----	-----	-----	12	-----	2	30.48	27.94	5.84	2.29	1.52									
C	87897-1203	-----	87897-1223	-----	-----	-----	12	-----	3	30.48	27.94	5.84	2.29	1.52	C								
	87897-1204	-----	87897-1224	-----	-----	-----	12	-----	4	30.48	27.94	5.84	2.29	1.52									
	87897-1205	-----	87897-1225	-----	-----	-----	12	-----	5	30.48	27.94	5.84	2.29	1.52									
	87897-1206	-----	87897-1226	-----	-----	-----	12	-----	6	30.48	27.94	5.84	2.29	1.52									
B															B								
A	EWB#1086 EC NO: S2007-0876 DRWN: CWLAM 2007/04/09 CHKD: KWLEE 2007/04/13 APPR: KWLEE 2007/04/14 REV A1						QUALITY SYMBOLS ▽=0 ▽C=0		GENERAL TOLERANCES (UNLESS SPECIFIED)			DIMENSION STYLE MM ONLY		SCALE NTS	DESIGN UNITS METRIC	THIRD ANGLE PROJECTION		SALES DRAWING SINGLE ROW SINGLE WAFER 2.54MM PITCH, R/A MOLEX INCORPORATED SD-87897-010 5 OF 15					
									DRAWN BY YLQ1A0		DATE 2005/01/24	TITLE											
									4 PLACES ± ---		± ---												
									3 PLACES ± ---		± ---												
									2 PLACES ± 0.2		± ---												
									1 PLACE ± ---		± ---												
									ANGULAR ± 3 °														
									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											
	tb_frame_A3_P_AM_T Rev. E 2006/04/15	9	8	7	6	5	4	3	2	1													

10		9		8		7		6		5		4		3		2		1		
PACKAGING OPTION PART NO.						CKT SIZE	VOID POSITION	PLATING TYPE	DIMENSION											
TRY WITHOUT CAP	TRY WITH CAP	TUBE WITHOUT CAP	TUBE WITH CAP	TAPE & REEL WITHOUT CAP	TAPE & REEL WITH CAP				A	B	C	D	E							
F	87897-1301	-----	87897-1321	-----	-----	-----	13	-----	1	33.02	30.48	5.84	2.29	1.52						
	87897-1302	-----	87897-1322	-----	-----	-----	13	-----	2	33.02	30.48	5.84	2.29	1.52						
	87897-1303	-----	87897-1323	-----	-----	-----	13	-----	3	33.02	30.48	5.84	2.29	1.52						
	87897-1304	-----	87897-1324	-----	-----	-----	13	-----	4	33.02	30.48	5.84	2.29	1.52						
	87897-1305	-----	87897-1325	-----	-----	-----	13	-----	5	33.02	30.48	5.84	2.29	1.52						
	87897-1306	-----	87897-1326	-----	-----	-----	13	-----	6	33.02	30.48	5.84	2.29	1.52						
E																				
	87897-1401	-----	87897-1421	-----	-----	-----	14	-----	1	35.56	33.02	5.84	2.29	1.52						
	87897-1402	-----	87897-1422	-----	-----	-----	14	-----	2	35.56	33.02	5.84	2.29	1.52						
	87897-1403	-----	87897-1423	-----	-----	-----	14	-----	3	35.56	33.02	5.84	2.29	1.52						
D	87897-1404	-----	87897-1424	-----	-----	-----	14	-----	4	35.56	33.02	5.84	2.29	1.52						
	87897-1405	-----	87897-1425	-----	-----	-----	14	-----	5	35.56	33.02	5.84	2.29	1.52						
	87897-1406	-----	87897-1426	-----	-----	-----	14	-----	6	35.56	33.02	5.84	2.29	1.52						
C	87897-1501	-----	87897-1521	-----	-----	-----	15	-----	1	38.10	35.56	5.84	2.29	1.52						
	87897-1502	-----	87897-1522	-----	-----	-----	15	-----	2	38.10	35.56	5.84	2.29	1.52						
	87897-1503	-----	87897-1523	-----	-----	-----	15	-----	3	38.10	35.56	5.84	2.29	1.52						
	87897-1504	-----	87897-1524	-----	-----	-----	15	-----	4	38.10	35.56	5.84	2.29	1.52						
	87897-1505	-----	87897-1525	-----	-----	-----	15	-----	5	38.10	35.56	5.84	2.29	1.52						
	87897-1506	-----	87897-1526	-----	-----	-----	15	-----	6	38.10	35.56	5.84	2.29	1.52						
B																				
A							QUALITY SYMBOLS ▽=0 ▽=0		GENERAL TOLERANCES (UNLESS SPECIFIED) mm INCH 4 PLACES ± --- ± --- 3 PLACES ± --- ± --- 2 PLACES ± 0.2 ± --- 1 PLACE ± --- ± --- ANGULAR ± 3 °		DIMENSION STYLE MM ONLY DRAWN BY DATE YLQIAO 2005/01/24 CHECKED BY DATE PTL IM 2005/02/01 APPROVED BY DATE SCLOW 2005/02/01		SCALE NTS		DESIGN UNITS METRIC		THIRD ANGLE PROJECTION		SALES DRAWING SINGLE ROW SINGLE WAFER 2.54MM PITCH, R/A MOLEX INCORPORATED	
	EWR#1086 EC NO: S2007-0876 DRAWN:CLAM 2007/04/09 CHKD:KMLEE 2007/04/13 APPR:KMLEE 2007/04/14						DESCRIPTION REV		DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		MATERIAL NO. SEE TABLE		DOCUMENT NO. SD-87897-010				SHEET NO. 6 OF 15			
	A1										SIZE A3		THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION							
	tb_frame_A3_P_AM_T Rev. E 2006/04/15																			
	9		8		7		6		5		4		3		2		1			

10		9		8		7		6		5		4		3		2		1											
PACKAGING OPTION PART NO.										DIMENSION																			
TRY WITHOUT CAP	TRY WITH CAP	TUBE WITHOUT CAP	TUBE WITH CAP	TAPE & REEL WITHOUT CAP	TAPE & REEL WITH CAP	CKT SIZE	VOID POSITION	PLATING TYPE	A											B	C	D	E						
F	87897-1601	-----	87897-1621	-----	-----	-----	16	----	1	40.64	38.10	5.84	2.29	1.52															
	87897-1602	-----	87897-1622	-----	-----	-----	16	----	2	40.64	38.10	5.84	2.29	1.52															
	87897-1603	-----	87897-1623	-----	-----	-----	16	----	3	40.64	38.10	5.84	2.29	1.52															
	87897-1604	-----	87897-1624	-----	-----	-----	16	----	4	40.64	38.10	5.84	2.29	1.52															
	87897-1605	-----	87897-1625	-----	-----	-----	16	----	5	40.64	38.10	5.84	2.29	1.52															
	87897-1606	-----	87897-1626	-----	-----	-----	16	----	6	40.64	38.10	5.84	2.29	1.52															
E																													
	87897-1701	-----	87897-1721	-----	-----	-----	17	----	1	43.18	40.64	5.84	2.29	1.52															
	87897-1702	-----	87897-1722	-----	-----	-----	17	----	2	43.18	40.64	5.84	2.29	1.52															
	87897-1703	-----	87897-1723	-----	-----	-----	17	----	3	43.18	40.64	5.84	2.29	1.52															
	87897-1704	-----	87897-1724	-----	-----	-----	17	----	4	43.18	40.64	5.84	2.29	1.52															
D	87897-1705	-----	87897-1725	-----	-----	-----	17	----	5	43.18	40.64	5.84	2.29	1.52															
	87897-1706	-----	87897-1726	-----	-----	-----	17	----	6	43.18	40.64	5.84	2.29	1.52															
	87897-1801	-----	87897-1821	-----	-----	-----	18	----	1	45.72	43.18	5.84	2.29	1.52															
	87897-1802	-----	87897-1822	-----	-----	-----	18	----	2	45.72	43.18	5.84	2.29	1.52															
C	87897-1803	-----	87897-1823	-----	-----	-----	18	----	3	45.72	43.18	5.84	2.29	1.52															
	87897-1804	-----	87897-1824	-----	-----	-----	18	----	4	45.72	43.18	5.84	2.29	1.52															
	87897-1805	-----	87897-1825	-----	-----	-----	18	----	5	45.72	43.18	5.84	2.29	1.52															
	87897-1806	-----	87897-1826	-----	-----	-----	18	----	6	45.72	43.18	5.84	2.29	1.52															
B																													
A	EWR#1086 EC NO: S2007-0876 DRAWN: CMLAM 2007/04/09 CHKD: KWLEE 2007/04/13 APPR: KWLEE 2007/04/14						DESCRIPTION REV	QUALITY SYMBOLS ▽=0 ▽=0	GENERAL TOLERANCES (UNLESS SPECIFIED) mm INCH 4 PLACES ± --- ± --- 3 PLACES ± --- ± --- 2 PLACES ± 0.2 ± --- 1 PLACE ± --- ± --- ANGULAR ± 3 ° DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS	DIMENSION STYLE MM ONLY DRAWN BY DATE YLQIAO 2005/01/24 CHECKED BY DATE PTL IM 2005/02/01 APPROVED BY DATE SCLOW 2005/02/01 MATERIAL NO. SEE TABLE SIZE A3 THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION	SCALE NTS DESIGN UNITS METRIC THIRD ANGLE PROJECTION SALES DRAWING SINGLE ROW SINGLE WAFER 2.54MM PITCH, R/A MOLEX INCORPORATED DOCUMENT NO. SD-87897-010 SHEET NO. 7 OF 15																		
tb_frame_A3_P_AM_T Rev. E 2006/04/15		9	8	7	6	5	4	3	2	1																			

	10	9	8	7	6	5	4	3	2	1																																					
	PACKAGING OPTION PART NO.						CKT SIZE	VOID POSITION	PLATING TYPE	DIMENSION																																					
	TRY WITHOUT CAP	TRY WITH CAP	TUBE WITHOUT CAP	TUBE WITH CAP	TAPE & REEL WITHOUT CAP	TAPE & REEL WITH CAP				A	B	C	D	E																																	
F	87897-1901	-----	87897-1921	-----	-----	-----	19	-----	1	48.26	45.72	5.84	2.29	1.52	F																																
	87897-1902	-----	87897-1922	-----	-----	-----	19	-----	2	48.26	45.72	5.84	2.29	1.52																																	
	87897-1903	-----	87897-1923	-----	-----	-----	19	-----	3	48.26	45.72	5.84	2.29	1.52																																	
	87897-1904	-----	87897-1924	-----	-----	-----	19	-----	4	48.26	45.72	5.84	2.29	1.52																																	
	87897-1905	-----	87897-1925	-----	-----	-----	19	-----	5	48.26	45.72	5.84	2.29	1.52																																	
	87897-1906	-----	87897-1926	-----	-----	-----	19	-----	6	48.26	45.72	5.84	2.29	1.52																																	
E															E																																
	87897-2001	-----	87897-2021	-----	-----	-----	20	-----	1	50.80	48.26	5.84	2.29	1.52																																	
	87897-2002	-----	87897-2022	-----	-----	-----	20	-----	2	50.80	48.26	5.84	2.29	1.52																																	
	87897-2003	-----	87897-2023	-----	-----	-----	20	-----	3	50.80	48.26	5.84	2.29	1.52																																	
	87897-2004	-----	87897-2024	-----	-----	-----	20	-----	4	50.80	48.26	5.84	2.29	1.52																																	
D	87897-2005	-----	87897-2025	-----	-----	-----	20	-----	5	50.80	48.26	5.84	2.29	1.52	D																																
	87897-2006	-----	87897-2026	-----	-----	-----	20	-----	6	50.80	48.26	5.84	2.29	1.52																																	
	87897-2101	-----	87897-2121	-----	-----	-----	21	-----	1	53.34	50.80	5.84	2.29	1.52																																	
	87897-2102	-----	87897-2122	-----	-----	-----	21	-----	2	53.34	50.80	5.84	2.29	1.52																																	
C	87897-2103	-----	87897-2123	-----	-----	-----	21	-----	3	53.34	50.80	5.84	2.29	1.52	C																																
	87897-2104	-----	87897-2124	-----	-----	-----	21	-----	4	53.34	50.80	5.84	2.29	1.52																																	
	87897-2105	-----	87897-2125	-----	-----	-----	21	-----	5	53.34	50.80	5.84	2.29	1.52																																	
	87897-2106	-----	87897-2126	-----	-----	-----	21	-----	6	53.34	50.80	5.84	2.29	1.52																																	
B															B																																
A	EWB#1086 EC NO: S2007-0876 DRWN:CLAM 2007/04/09 CHKD:KLEE 2007/04/13 APPR:KLEE 2007/04/14 DESCRIPTION REV A1						QUALITY SYMBOLS ▽=0 ▽C=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>± ---</td><td>± ---</td></tr><tr><td colspan="3">ANGULAR ± 3 °</td></tr></table>		mm	INCH	4 PLACES	± ---	± ---	3 PLACES	± ---	± ---	2 PLACES	± 0.2	± ---	1 PLACE	± ---	± ---	ANGULAR ± 3 °			DIMENSION STYLE MM ONLY <table><tr><td>DRAWN BY</td><td>DATE</td></tr><tr><td>YLQ1A0</td><td>2005/01/24</td></tr><tr><td>CHECKED BY</td><td>DATE</td></tr><tr><td>PTL IM</td><td>2005/02/01</td></tr><tr><td>APPROVED BY</td><td>DATE</td></tr><tr><td>SCLOW</td><td>2005/02/01</td></tr><tr><td colspan="2">MATERIAL NO.</td></tr></table>	DRAWN BY	DATE	YLQ1A0	2005/01/24	CHECKED BY	DATE	PTL IM	2005/02/01	APPROVED BY	DATE	SCLOW	2005/02/01	MATERIAL NO.		SCALE NTS	DESIGN UNITS METRIC	THIRD ANGLE PROJECTION	TITLE SALES DRAWING SINGLE ROW SINGLE WAFER 2.54MM PITCH, R/A	DOCUMENT NO. SD-87897-010	SHEET NO. 8 OF 15
	mm	INCH																																													
4 PLACES	± ---	± ---																																													
3 PLACES	± ---	± ---																																													
2 PLACES	± 0.2	± ---																																													
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	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																																							
tb_frame_A3_P_AM_T Rev. E 2006/04/15	9	8	7	6	5	4	3	2	1																																						

	10	9	8	7	6	5	4	3	2	1																																						
	PACKAGING OPTION PART NO.						CKT SIZE	VOID POSITION	PLATING TYPE	DIMENSION																																						
	TRY WITHOUT CAP	TRY WITH CAP	TUBE WITHOUT CAP	TUBE WITH CAP	TAPE & REEL WITHOUT CAP	TAPE & REEL WITH CAP				A	B	C	D	E																																		
F	87897-2201	-----	87897-2221	-----	-----	-----	22	-----	1	55.88	53.34	5.84	2.29	1.52	F																																	
	87897-2202	-----	87897-2222	-----	-----	-----	22	-----	2	55.88	53.34	5.84	2.29	1.52																																		
	87897-2203	-----	87897-2223	-----	-----	-----	22	-----	3	55.88	53.34	5.84	2.29	1.52																																		
	87897-2204	-----	87897-2224	-----	-----	-----	22	-----	4	55.88	53.34	5.84	2.29	1.52																																		
	87897-2205	-----	87897-2225	-----	-----	-----	22	-----	5	55.88	53.34	5.84	2.29	1.52																																		
	87897-2206	-----	87897-2226	-----	-----	-----	22	-----	6	55.88	53.34	5.84	2.29	1.52																																		
E															E																																	
	87897-2301	-----	87897-2321	-----	-----	-----	23	-----	1	58.42	55.88	5.84	2.29	1.52																																		
	87897-2302	-----	87897-2322	-----	-----	-----	23	-----	2	58.42	55.88	5.84	2.29	1.52																																		
	87897-2303	-----	87897-2323	-----	-----	-----	23	-----	3	58.42	55.88	5.84	2.29	1.52																																		
	87897-2304	-----	87897-2324	-----	-----	-----	23	-----	4	58.42	55.88	5.84	2.29	1.52																																		
D	87897-2305	-----	87897-2325	-----	-----	-----	23	-----	5	58.42	55.88	5.84	2.29	1.52	D																																	
	87897-2306	-----	87897-2326	-----	-----	-----	23	-----	6	58.42	55.88	5.84	2.29	1.52																																		
	87897-2401	-----	87897-2421	-----	-----	-----	24	-----	1	60.96	58.42	5.84	2.29	1.52																																		
	87897-2402	-----	87897-2422	-----	-----	-----	24	-----	2	60.96	58.42	5.84	2.29	1.52																																		
C	87897-2403	-----	87897-2423	-----	-----	-----	24	-----	3	60.96	58.42	5.84	2.29	1.52	C																																	
	87897-2404	-----	87897-2424	-----	-----	-----	24	-----	4	60.96	58.42	5.84	2.29	1.52																																		
	87897-2405	-----	87897-2425	-----	-----	-----	24	-----	5	60.96	58.42	5.84	2.29	1.52																																		
	87897-2406	-----	87897-2426	-----	-----	-----	24	-----	6	60.96	58.42	5.84	2.29	1.52																																		
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	mm	INCH																																														
4 PLACES	± ---	± ---																																														
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