

PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION

Part Number: [0878914003](#)
Status: **Active**
Overview: [kk](#)
Description: 2.54mm (.100") Pitch KK® Header, Through Hole, Breakaway, Vertical, 40 Circuits, 0.254µm (10µ") Gold (Au) Selective Plating, Bag Packaging, Lead-free

Documents:

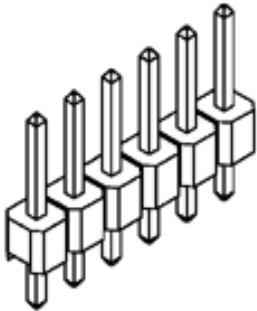
[Drawing \(PDF\)](#) [RoHS Certificate of Compliance \(PDF\)](#)
[Product Specification PS-87920-019 \(PDF\)](#)

General

Product Family PCB Headers
Series [87891](#)
Application Board-to-Board, Wire-to-Board
Overview [kk](#)
Product Name KK®

Physical

Breakaway Yes
Circuits (Loaded) 40
Circuits (maximum) 40
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
Mated Height (in) 0.230 In
Mated Height (mm) 5.84 mm
Material - Metal Copper Alloy
Material - Plating Mating Gold
Material - Plating Termination Tin
Material - Resin Nylon
Number of Rows 1
Orientation Vertical
PC Tail Length (in) 0.117 In
PC Tail Length (mm) 2.97 mm
PCB Locator No
PCB Retention None
PCB Thickness Recommended (in) 0.063 In
PCB Thickness Recommended (mm) 1.60 mm
Packaging Type Bag
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) 10
Plating min: Mating (µm) 0.254
Plating min: Termination (µin) 75
Plating min: Termination (µm) 1.91
Polarized to Mating Part No
Polarized to PCB No
Robotic Placement None
Shrouded No
Stackable No
Temperature Range - Operating -55°C to +105°C



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

[87891Series](#)

Mates With

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

Termination Interface: Style

Through Hole

Electrical

Current - Maximum per Contact

3A

Voltage - Maximum

250V

Material Info

Reference - Drawing Numbers

Packaging Specification

PK-89990-491

Product Specification

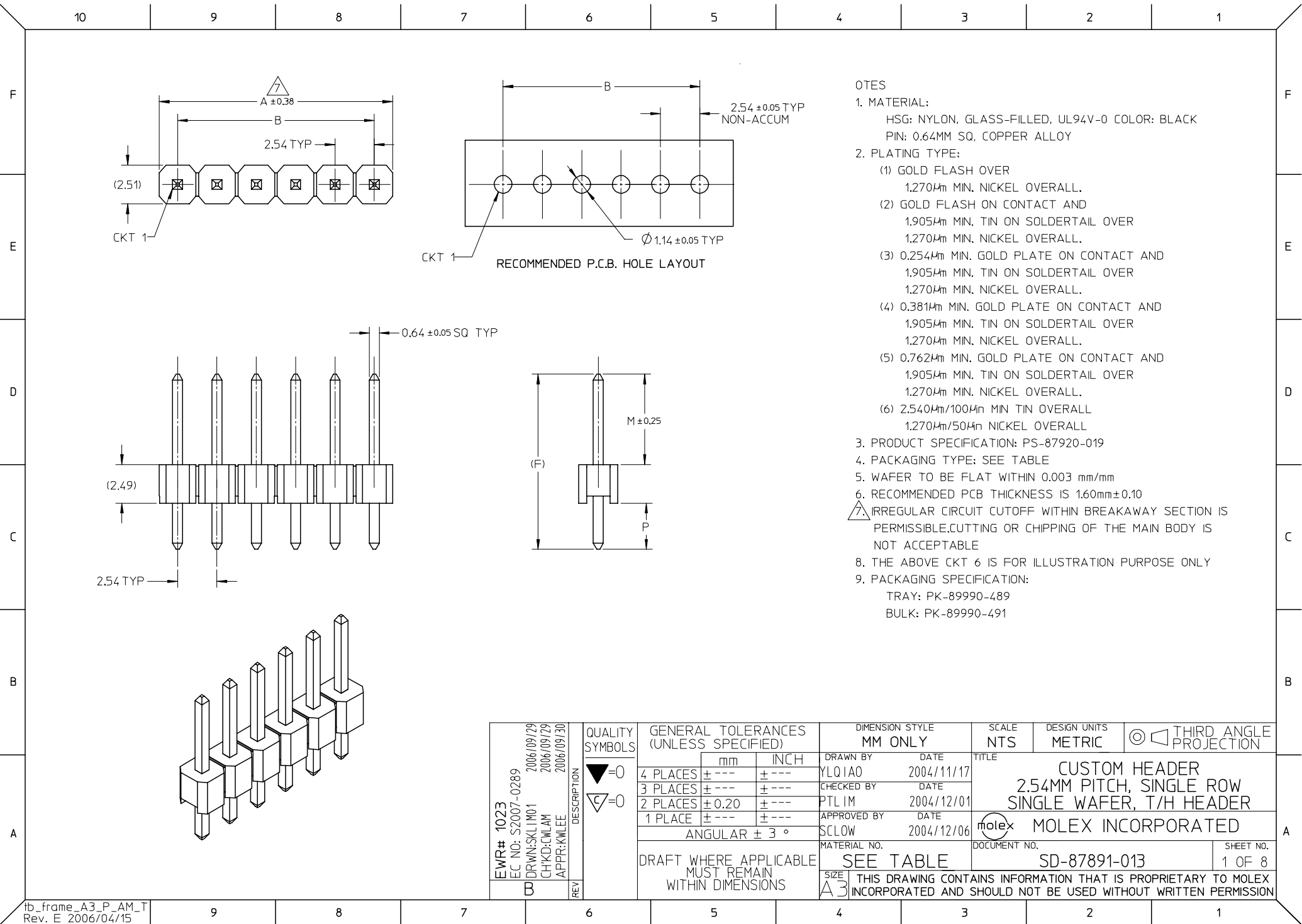
PS-87920-019

Sales Drawing

SD-87891-013

This document was generated on 05/25/2010

PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION



	10		9		8		7		6		5		4		3		2		1				
F	PACKAGING OPTION PART NO.			CKT SIZE	VOID POSITION	PLATING TYPE	DIMENSION					PACKAGING OPTION PART NO.			CKT SIZE	VOID POSITION	PLATING TYPE	DIMENSION					F
	TRAY	BULK	TUBE WITHOUT CAP				A	B	F	M	P	TRAY	BULK	TUBE WITHOUT CAP				A	B	F	M	P	
87891-0101	-----	-----	1	-----	1	2.54	----	11.30	5.84	2.97	87891-0401	-----	-----	4	-----	1	10.16	7.62	11.30	5.84	2.97		
87891-0102	-----	-----	1	-----	2	2.54	----	11.30	5.84	2.97	87891-0412	-----	-----	4	-----	2	10.16	7.62	11.30	5.84	2.97		
87891-0103	-----	-----	1	-----	3	2.54	----	11.30	5.84	2.97	87891-0403	-----	-----	4	-----	3	10.16	7.62	11.30	5.84	2.97		
87891-0104	-----	-----	1	-----	4	2.54	----	11.30	5.84	2.97	87891-0404	-----	-----	4	-----	4	10.16	7.62	11.30	5.84	2.97		
87891-0105	-----	-----	1	-----	5	2.54	----	11.30	5.84	2.97	87891-0405	-----	-----	4	-----	5	10.16	7.62	11.30	5.84	2.97		
87891-0106	-----	-----	1	-----	6	2.54	----	11.30	5.84	2.97	87891-0406	-----	-----	4	-----	6	10.16	7.62	11.30	5.84	2.97		
E																					E		
87891-0201	-----	-----	2	-----	1	5.08	2.54	11.30	5.84	2.97	87891-0511	-----	-----	5	-----	1	12.70	10.16	11.30	5.84	2.97		
87891-0202	-----	-----	2	-----	2	5.08	2.54	11.30	5.84	2.97	87891-0512	-----	-----	5	-----	2	12.70	10.16	11.30	5.84	2.97		
87891-0203	-----	-----	2	-----	3	5.08	2.54	11.30	5.84	2.97	87891-0513	-----	-----	5	-----	3	12.70	10.16	11.30	5.84	2.97		
87891-0204	-----	-----	2	-----	4	5.08	2.54	11.30	5.84	2.97	87891-0514	-----	-----	5	-----	4	12.70	10.16	11.30	5.84	2.97		
87891-0205	-----	-----	2	-----	5	5.08	2.54	11.30	5.84	2.97	87891-0515	-----	-----	5	-----	5	12.70	10.16	11.30	5.84	2.97		
87891-0206	-----	-----	2	-----	6	5.08	2.54	11.30	5.84	2.97	87891-0506	-----	-----	5	-----	6	12.70	10.16	11.30	5.84	2.97		
D																					D		
87891-0301	-----	-----	3	-----	1	7.62	5.08	11.30	5.84	2.97	87891-0601	-----	-----	6	-----	1	15.24	12.70	11.30	5.84	2.97		
87891-0302	-----	-----	3	-----	2	7.62	5.08	11.30	5.84	2.97	87891-0612	-----	-----	6	-----	2	15.24	12.70	11.30	5.84	2.97		
87891-0303	-----	-----	3	-----	3	7.62	5.08	11.30	5.84	2.97	87891-0603	-----	-----	6	-----	3	15.24	12.70	11.30	5.84	2.97		
87891-0304	-----	-----	3	-----	4	7.62	5.08	11.30	5.84	2.97	87891-0604	-----	-----	6	-----	4	15.24	12.70	11.30	5.84	2.97		
87891-0305	-----	-----	3	-----	5	7.62	5.08	11.30	5.84	2.97	87891-0605	-----	-----	6	-----	5	15.24	12.70	11.30	5.84	2.97		
87891-0306	-----	-----	3	-----	6	7.62	5.08	11.30	5.84	2.97	87891-0606	-----	-----	6	-----	6	15.24	12.70	11.30	5.84	2.97		
B																					B		

A	EWB# 1023 EC NO: S2007-0289 DRWN:SKL IM01 2006/09/29 CHKD:CWLAM 2006/09/29 APPR:KWLEE 2006/09/30 B				DESCRIPTION	REV	QUALITY SYMBOLS ▽=0 ▽C=0	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE MM ONLY		SCALE NTS	DESIGN UNITS METRIC	THIRD ANGLE PROJECTION	
			DRAWN BY YLQIAO					DATE 2004/11/17		TITLE CUSTOM HEADER 2.54MM PITCH, SINGLE ROW SINGLE WAFER, T/H HEADER					
	4 PLACES ± --- ± ---		CHECKED BY					DATE							
	3 PLACES ± --- ± ---		PTL IM					2004/12/01							
	2 PLACES ± 0.20 ± ---		APPROVED BY					DATE		MOLEX INCORPORATED					
	1 PLACE ± --- ± ---		SCLOW					2004/12/06							
	ANGULAR ± 3 °		MATERIAL NO.					DOCUMENT NO.		SHEET NO.					
	DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		SEE TABLE					SD-87891-013		2 OF 8					
			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																							
	PACKAGING OPTION PART NO.			CKT SIZE	VOID POSITION	PLATING TYPE	DIMENSION					PACKAGING OPTION PART NO.			CKT SIZE	VOID POSITION	PLATING TYPE	DIMENSION															
	TRAY	BULK	TUBE WITHOUT CAP				A	B	F	M	P	TRAY	BULK	TUBE WITHOUT CAP				A	B	F	M	P											
F	87891-0711	-----	-----	7	-----	1	17.78	15.24	11.30	5.84	2.97	87891-1001	-----	-----	10	-----	1	25.40	22.86	11.30	5.84	2.97	F										
	87891-0702	-----	-----	7	-----	2	17.78	15.24	11.30	5.84	2.97	87891-1002	-----	-----	10	-----	2	25.40	22.86	11.30	5.84	2.97											
	87891-0703	-----	-----	7	-----	3	17.78	15.24	11.30	5.84	2.97	87891-1003	-----	-----	10	-----	3	25.40	22.86	11.30	5.84	2.97											
	87891-0704	-----	-----	7	-----	4	17.78	15.24	11.30	5.84	2.97	87891-1004	-----	-----	10	-----	4	25.40	22.86	11.30	5.84	2.97											
	87891-0705	-----	-----	7	-----	5	17.78	15.24	11.30	5.84	2.97	87891-1005	-----	-----	10	-----	5	25.40	22.86	11.30	5.84	2.97											
	87891-0706	-----	-----	7	-----	6	17.78	15.24	11.30	5.84	2.97	87891-1006	-----	-----	10	-----	6	25.40	22.86	11.30	5.84	2.97											
E																							E										
	87891-0801	-----	-----	8	-----	1	20.32	17.78	11.30	5.84	2.97	87891-1101	-----	-----	11	-----	1	27.94	25.40	11.30	5.84	2.97											
	87891-0802	-----	-----	8	-----	2	20.32	17.78	11.30	5.84	2.97	87891-1102	-----	-----	11	-----	2	27.94	25.40	11.30	5.84	2.97											
	87891-0803	-----	-----	8	-----	3	20.32	17.78	11.30	5.84	2.97	87891-1103	-----	-----	11	-----	3	27.94	25.40	11.30	5.84	2.97											
	87891-0804	-----	-----	8	-----	4	20.32	17.78	11.30	5.84	2.97	87891-1104	-----	-----	11	-----	4	27.94	25.40	11.30	5.84	2.97											
D	87891-0805	-----	-----	8	-----	5	20.32	17.78	11.30	5.84	2.97	87891-1105	-----	-----	11	-----	5	27.94	25.40	11.30	5.84	2.97	D										
	87891-0806	-----	-----	8	-----	6	20.32	17.78	11.30	5.84	2.97	87891-1106	-----	-----	11	-----	6	27.94	25.40	11.30	5.84	2.97											
	87891-0901	-----	-----	9	-----	1	22.86	20.32	11.30	5.84	2.97	87891-1201	-----	-----	12	-----	1	30.48	27.94	11.30	5.84	2.97											
	87891-0902	-----	-----	9	-----	2	22.86	20.32	11.30	5.84	2.97	87891-1202	-----	-----	12	-----	2	30.48	27.94	11.30	5.84	2.97											
C	87891-0903	-----	-----	9	-----	3	22.86	20.32	11.30	5.84	2.97	87891-1203	-----	-----	12	-----	3	30.48	27.94	11.30	5.84	2.97	C										
	87891-0904	-----	-----	9	-----	4	22.86	20.32	11.30	5.84	2.97	87891-1204	-----	-----	12	-----	4	30.48	27.94	11.30	5.84	2.97											
	87891-0905	-----	-----	9	-----	5	22.86	20.32	11.30	5.84	2.97	87891-1205	-----	-----	12	-----	5	30.48	27.94	11.30	5.84	2.97											
	87891-0906	-----	-----	9	-----	6	22.86	20.32	11.30	5.84	2.97	87891-1206	-----	-----	12	-----	6	30.48	27.94	11.30	5.84	2.97											
B																							B										
A	EWB# 1023 EC NO: S2007-0289 DRWNS:KLIW01 2006/09/29 CHKD:CWLM 2006/09/29 APPR:KWLEE 2006/09/30 B					QUALITY SYMBOLS		GENERAL TOLERANCES (UNLESS SPECIFIED)			DIMENSION STYLE MM ONLY		SCALE NTS	DESIGN UNITS METRIC	THIRD ANGLE PROJECTION		CUSTOM HEADER 2.54MM PITCH, SINGLE ROW SINGLE WAFER, T/H HEADER						MOLEX INCORPORATED		SHEET NO. 3 OF 8								
						DESCRIPTION	REV	SIZE A3	DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS	DRAWN BY YLQIAO	DATE 2004/11/17	CHECKED BY PTL IM	DATE 2004/12/01	APPROVED BY SCLOW	DATE 2004/12/06	DOCUMENT NO.																	
	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															
F	PACKAGING OPTION PART NO.			CKT SIZE	VOID POSITION	PLATING TYPE	DIMENSION					PACKAGING OPTION PART NO.			CKT SIZE	VOID POSITION	PLATING TYPE	DIMENSION					F		
	TRAY	BULK	TUBE WITHOUT CAP				A	B	F	M	P	TRAY	BULK	TUBE WITHOUT CAP				A	B	F	M	P			
	87891-1301	-----	-----	13	-----	1	33.02	30.48	11.30	5.84	2.97	87891-1601	-----	-----	16	-----	1	40.64	38.10	11.30	5.84	2.97			
	87891-1302	-----	-----	13	-----	2	33.02	30.48	11.30	5.84	2.97	87891-1602	-----	-----	16	-----	2	40.64	38.10	11.30	5.84	2.97			
	87891-1303	-----	-----	13	-----	3	33.02	30.48	11.30	5.84	2.97	87891-1603	-----	-----	16	-----	3	40.64	38.10	11.30	5.84	2.97			
	87891-1304	-----	-----	13	-----	4	33.02	30.48	11.30	5.84	2.97	87891-1604	-----	-----	16	-----	4	40.64	38.10	11.30	5.84	2.97			
	87891-1305	-----	-----	13	-----	5	33.02	30.48	11.30	5.84	2.97	87891-1605	-----	-----	16	-----	5	40.64	38.10	11.30	5.84	2.97			
E	87891-1306	-----	-----	13	-----	6	33.02	30.48	11.30	5.84	2.97	87891-1606	-----	-----	16	-----	6	40.64	38.10	11.30	5.84	2.97	E		
	87891-1401	-----	-----	14	-----	1	35.56	33.02	11.30	5.84	2.97	87891-1701	-----	-----	17	-----	1	43.18	40.64	11.30	5.84	2.97			
	87891-1402	-----	-----	14	-----	2	35.56	33.02	11.30	5.84	2.97	87891-1702	-----	-----	17	-----	2	43.18	40.64	11.30	5.84	2.97			
	87891-1403	-----	-----	14	-----	3	35.56	33.02	11.30	5.84	2.97	87891-1703	-----	-----	17	-----	3	43.18	40.64	11.30	5.84	2.97			
	87891-1404	-----	-----	14	-----	4	35.56	33.02	11.30	5.84	2.97	87891-1704	-----	-----	17	-----	4	43.18	40.64	11.30	5.84	2.97			
D	87891-1405	-----	-----	14	-----	5	35.56	33.02	11.30	5.84	2.97	87891-1705	-----	-----	17	-----	5	43.18	40.64	11.30	5.84	2.97	D		
	87891-1406	-----	-----	14	-----	6	35.56	33.02	11.30	5.84	2.97	87891-1706	-----	-----	17	-----	6	43.18	40.64	11.30	5.84	2.97			
	87891-1501	-----	-----	15	-----	1	38.10	35.56	11.30	5.84	2.97	87891-1801	-----	-----	18	-----	1	45.72	43.18	11.30	5.84	2.97			
	87891-1502	-----	-----	15	-----	2	38.10	35.56	11.30	5.84	2.97	87891-1802	-----	-----	18	-----	2	45.72	43.18	11.30	5.84	2.97			
	87891-1503	-----	-----	15	-----	3	38.10	35.56	11.30	5.84	2.97	87891-1803	-----	-----	18	-----	3	45.72	43.18	11.30	5.84	2.97			
C	87891-1504	-----	-----	15	-----	4	38.10	35.56	11.30	5.84	2.97	87891-1804	-----	-----	18	-----	4	45.72	43.18	11.30	5.84	2.97	C		
	87891-1505	-----	-----	15	-----	5	38.10	35.56	11.30	5.84	2.97	87891-1805	-----	-----	18	-----	5	45.72	43.18	11.30	5.84	2.97			
	87891-1506	-----	-----	15	-----	6	38.10	35.56	11.30	5.84	2.97	87891-1806	-----	-----	18	-----	6	45.72	43.18	11.30	5.84	2.97			
B																						B			
A	EWB# 1023 EC NO: S2007-0289 DRWNS:KLI M01 CHKD:CWLM APPR:KWLEE 2006/09/29 2006/09/29 2006/09/30 QUALITY SYMBOLS ▽=0 ▽=0 DESCRIPTION REV											GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE MM ONLY		SCALE NTS	DESIGN UNITS METRIC	THIRD ANGLE PROJECTION		CUSTOM HEADER 2.54MM PITCH, SINGLE ROW SINGLE WAFER, T/H HEADER					A
												4 PLACES	± ---	± ---	DRAWN BY YLQIAO	DATE 2004/11/17	TITLE								
												3 PLACES	± ---	± ---	CHECKED BY	DATE									
												2 PLACES	± 0.20	± ---	PTL IM	2004/12/01									
												1 PLACE	± ---	± ---	APPROVED BY	DATE									
												ANGULAR ± 3 °		SCLOW	2004/12/06	DOCUMENT NO.		SD-87891-013		SHEET NO. 4 OF 8					
												DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		SEE TABLE											
ib_frame_A3_P_AM_T Rev. E 2006/04/15												5	4	3	2	1									

	10		9		8		7		6		5		4		3		2		1				
F	PACKAGING OPTION PART NO.			CKT SIZE	VOID POSITION	PLATING TYPE	DIMENSION					PACKAGING OPTION PART NO.			CKT SIZE	VOID POSITION	PLATING TYPE	DIMENSION					F
	TRAY	BULK	TUBE WITHOUT CAP				A	B	F	M	P	TRAY	BULK	TUBE WITHOUT CAP				A	B	F	M	P	
87891-1901	-----	-----	19	-----	1	48.26	45.72	11.30	5.84	2.97	87891-2201	-----	-----	22	-----	1	55.88	53.34	11.30	5.84	2.97		
87891-1902	-----	-----	19	-----	2	48.26	45.72	11.30	5.84	2.97	87891-2202	-----	-----	22	-----	2	55.88	53.34	11.30	5.84	2.97		
87891-1903	-----	-----	19	-----	3	48.26	45.72	11.30	5.84	2.97	87891-2203	-----	-----	22	-----	3	55.88	53.34	11.30	5.84	2.97		
87891-1904	-----	-----	19	-----	4	48.26	45.72	11.30	5.84	2.97	87891-2204	-----	-----	22	-----	4	55.88	53.34	11.30	5.84	2.97		
87891-1905	-----	-----	19	-----	5	48.26	45.72	11.30	5.84	2.97	87891-2205	-----	-----	22	-----	5	55.88	53.34	11.30	5.84	2.97		
87891-1906	-----	-----	19	-----	6	48.26	45.72	11.30	5.84	2.97	87891-2206	-----	-----	22	-----	6	55.88	53.34	11.30	5.84	2.97		
E																						E	
87891-2001	-----	-----	20	-----	1	50.80	48.26	11.30	5.84	2.97	87891-2301	-----	-----	23	-----	1	58.42	55.88	11.30	5.84	2.97		
87891-2002	-----	-----	20	-----	2	50.80	48.26	11.30	5.84	2.97	87891-2302	-----	-----	23	-----	2	58.42	55.88	11.30	5.84	2.97		
87891-2003	-----	-----	20	-----	3	50.80	48.26	11.30	5.84	2.97	87891-2303	-----	-----	23	-----	3	58.42	55.88	11.30	5.84	2.97		
87891-2004	-----	-----	20	-----	4	50.80	48.26	11.30	5.84	2.97	87891-2304	-----	-----	23	-----	4	58.42	55.88	11.30	5.84	2.97		
87891-2005	-----	-----	20	-----	5	50.80	48.26	11.30	5.84	2.97	87891-2305	-----	-----	23	-----	5	58.42	55.88	11.30	5.84	2.97		
87891-2006	-----	-----	20	-----	6	50.80	48.26	11.30	5.84	2.97	87891-2306	-----	-----	23	-----	6	58.42	55.88	11.30	5.84	2.97		
D																							
87891-2101	-----	-----	21	-----	1	53.34	50.80	11.30	5.84	2.97	87891-2401	-----	-----	24	-----	1	60.96	58.42	11.30	5.84	2.97		
87891-2102	-----	-----	21	-----	2	53.34	50.80	11.30	5.84	2.97	87891-2402	-----	-----	24	-----	2	60.96	58.42	11.30	5.84	2.97		
87891-2103	-----	-----	21	-----	3	53.34	50.80	11.30	5.84	2.97	87891-2403	-----	-----	24	-----	3	60.96	58.42	11.30	5.84	2.97		
87891-2104	-----	-----	21	-----	4	53.34	50.80	11.30	5.84	2.97	87891-2404	-----	-----	24	-----	4	60.96	58.42	11.30	5.84	2.97		
87891-2105	-----	-----	21	-----	5	53.34	50.80	11.30	5.84	2.97	87891-2405	-----	-----	24	-----	5	60.96	58.42	11.30	5.84	2.97		
87891-2106	-----	-----	21	-----	6	53.34	50.80	11.30	5.84	2.97	87891-2406	-----	-----	24	-----	6	60.96	58.42	11.30	5.84	2.97		
B																							
																						B	

A	EWB# 1023 EC NO: S2007-0289 DRWN:SKLI M01 2006/09/29 CHKD:CWLM 2006/09/29 APPR:KWLEE 2006/09/30			DESCRIPTION	QUALITY SYMBOLS	GENERAL TOLERANCES (UNLESS SPECIFIED)			DIMENSION STYLE MM ONLY		SCALE NTS	DESIGN UNITS METRIC	THIRD ANGLE PROJECTION		A
	B	REV			▽=0 ▽=0										
						mm		INCH		DRAWN BY		DATE			
						4 PLACES ± ---		± ---		YLQIAO		2004/11/17			
						3 PLACES ± ---		± ---		CHECKED BY		DATE			
						2 PLACES ± 0.20		± ---		PTL IM		2004/12/01			
	1 PLACE ± ---		± ---		APPROVED BY		DATE								
	ANGULAR ± 3 °		SCLOW		2004/12/06		MOLEX		MOLEX INCORPORATED						
	DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		MATERIAL NO.		DOCUMENT NO.		SD-87891-013		SHEET NO. 5 OF 8						
	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																					
	PACKAGING OPTION PART NO.			CKT SIZE	VOID POSITION	PLATING TYPE	DIMENSION					PACKAGING OPTION PART NO.			CKT SIZE	VOID POSITION	PLATING TYPE	DIMENSION													
	TRAY	BULK	TUBE WITHOUT CAP				A	B	F	M	P	TRAY	BULK	TUBE WITHOUT CAP				A	B	F	M	P									
F	87891-2501	-----	-----	25	-----	1	63.50	60.96	11.30	5.84	2.97	-----	87891-2801	-----	28	-----	1	71.12	68.58	11.30	5.84	2.97	F								
	87891-2502	-----	-----	25	-----	2	63.50	60.96	11.30	5.84	2.97	-----	87891-2802	-----	28	-----	2	71.12	68.58	11.30	5.84	2.97									
	87891-2503	-----	-----	25	-----	3	63.50	60.96	11.30	5.84	2.97	-----	87891-2803	-----	28	-----	3	71.12	68.58	11.30	5.84	2.97									
	87891-2504	-----	-----	25	-----	4	63.50	60.96	11.30	5.84	2.97	-----	87891-2804	-----	28	-----	4	71.12	68.58	11.30	5.84	2.97									
	87891-2505	-----	-----	25	-----	5	63.50	60.96	11.30	5.84	2.97	-----	87891-2805	-----	28	-----	5	71.12	68.58	11.30	5.84	2.97									
	87891-2506	-----	-----	25	-----	6	63.50	60.96	11.30	5.84	2.97	-----	87891-2806	-----	28	-----	6	71.12	68.58	11.30	5.84	2.97									
E																							E								
	-----	87891-2611	-----	26	-----	1	66.04	63.50	11.30	5.84	2.97	-----	87891-2901	-----	29	-----	1	73.66	71.12	11.30	5.84	2.97									
	-----	87891-2602	-----	26	-----	2	66.04	63.50	11.30	5.84	2.97	-----	87891-2902	-----	29	-----	2	73.66	71.12	11.30	5.84	2.97									
	-----	87891-2603	-----	26	-----	3	66.04	63.50	11.30	5.84	2.97	-----	87891-2903	-----	29	-----	3	73.66	71.12	11.30	5.84	2.97									
	-----	87891-2604	-----	26	-----	4	66.04	63.50	11.30	5.84	2.97	-----	87891-2904	-----	29	-----	4	73.66	71.12	11.30	5.84	2.97									
D	-----	87891-2605	-----	26	-----	5	66.04	63.50	11.30	5.84	2.97	-----	87891-2905	-----	29	-----	5	73.66	71.12	11.30	5.84	2.97	D								
	-----	87891-2606	-----	26	-----	6	66.04	63.50	11.30	5.84	2.97	-----	87891-2906	-----	29	-----	6	73.66	71.12	11.30	5.84	2.97									
	-----	87891-2701	-----	27	-----	1	68.58	66.04	11.30	5.84	2.97	-----	87891-3001	-----	30	-----	1	76.20	73.66	11.30	5.84	2.97									
	-----	87891-2702	-----	27	-----	2	68.58	66.04	11.30	5.84	2.97	-----	87891-3002	-----	30	-----	2	76.20	73.66	11.30	5.84	2.97									
C	-----	87891-2703	-----	27	-----	3	68.58	66.04	11.30	5.84	2.97	-----	87891-3003	-----	30	-----	3	76.20	73.66	11.30	5.84	2.97	C								
	-----	87891-2704	-----	27	-----	4	68.58	66.04	11.30	5.84	2.97	-----	87891-3004	-----	30	-----	4	76.20	73.66	11.30	5.84	2.97									
	-----	87891-2705	-----	27	-----	5	68.58	66.04	11.30	5.84	2.97	-----	87891-3005	-----	30	-----	5	76.20	73.66	11.30	5.84	2.97									
	-----	87891-2706	-----	27	-----	6	68.58	66.04	11.30	5.84	2.97	-----	87891-3006	-----	30	-----	6	76.20	73.66	11.30	5.84	2.97									
B																							B								
A	EWR# 1023 EC NO: S2007-0289 DRWNS:KLIW01 2006/09/29 CHKD:CWJAM 2006/09/29 APPR:KWLEE 2006/09/30					QUALITY SYMBOLS ▽=0 ▽C=0	DESCRIPTION	GENERAL TOLERANCES (UNLESS SPECIFIED)			DIMENSION STYLE MM ONLY		SCALE NTS	DESIGN UNITS METRIC	THIRD ANGLE PROJECTION		CUSTOM HEADER 2.54MM PITCH, SINGLE ROW SINGLE WAFER, T/H HEADER					MOLEX MOLEX INCORPORATED	SD-87891-013	SHEET NO. 6 OF 8							
	B							4 PLACES ± --- ± ---	3 PLACES ± --- ± ---	2 PLACES ± 0.20 ± ---	1 PLACE ± --- ± ---	DRAWN BY YLQIAO	DATE 2004/11/17	TITLE																	
						ANGULAR ± 3 °			APPROVED BY SCLOW		DATE 2004/12/06	MATERIAL NO.		DOCUMENT NO.																	
						DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS			SIZE A3		SEE TABLE		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																					

tb_frame_A3_P_AM_T
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												
	TRAY	BULK	TUBE WITHOUT CAP				A	B	F	M	P								
F	-----	87891-3701	-----	37	-----	1	93.98	91.44	11.30	5.84	2.97	F							
	-----	87891-3702	-----	37	-----	2	93.98	91.44	11.30	5.84	2.97								
	-----	87891-3703	-----	37	-----	3	93.98	91.44	11.30	5.84	2.97								
	-----	87891-3704	-----	37	-----	4	93.98	91.44	11.30	5.84	2.97								
	-----	87891-3705	-----	37	-----	5	93.98	91.44	11.30	5.84	2.97								
	-----	87891-3706	-----	37	-----	6	93.98	91.44	11.30	5.84	2.97								
E												E							
	-----	87891-3801	-----	38	-----	1	96.52	93.98	11.30	5.84	2.97								
	-----	87891-3802	-----	38	-----	2	96.52	93.98	11.30	5.84	2.97								
	-----	87891-3803	-----	38	-----	3	96.52	93.98	11.30	5.84	2.97								
	-----	87891-3804	-----	38	-----	4	96.52	93.98	11.30	5.84	2.97								
D	-----	87891-3805	-----	38	-----	5	96.52	93.98	11.30	5.84	2.97	D							
	-----	87891-3806	-----	38	-----	6	96.52	93.98	11.30	5.84	2.97								
	-----	87891-3901	-----	39	-----	1	99.06	96.52	11.30	5.84	2.97								
	-----	87891-3902	-----	39	-----	2	99.06	96.52	11.30	5.84	2.97								
C	-----	87891-3903	-----	39	-----	3	99.06	96.52	11.30	5.84	2.97	C							
	-----	87891-3904	-----	39	-----	4	99.06	96.52	11.30	5.84	2.97								
	-----	87891-3905	-----	39	-----	5	99.06	96.52	11.30	5.84	2.97								
	-----	87891-3906	-----	39	-----	6	99.06	96.52	11.30	5.84	2.97								
B												B							
A						QUALITY SYMBOLS		GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE MM ONLY		SCALE NTS	DESIGN UNITS METRIC	THIRD ANGLE PROJECTION					
						▽=0 ▽C=0				DRAWN BY YLQ1A0		DATE 2004/11/17	TITLE CUSTOM HEADER 2.54MM PITCH, SINGLE ROW SINGLE WAFER, T/H HEADER						
								4 PLACES ± ---		CHECKED BY PTL IM		DATE 2004/12/01							
								3 PLACES ± ---		APPROVED BY SCLOW		DATE 2004/12/06	DOCUMENT NO. SD-87891-013						
								2 PLACES ± 0.20		MATERIAL NO.									
								1 PLACE ± ---		SIZE A3		THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION							
								ANGULAR ± 3 °		DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS									
										SEE TABLE		SHEET NO. 8 OF 8							