

PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION

Part Number:

0878910106

Status:

Active

Overview:

kk

Description:

2.54mm (.100") Pitch KK® Header, Through Hole, Vertical, 1 Circuit, 2.50 µm (100µ") Tin (Sn) Overall Plating, Tray Packaging, Lead-free

Documents:

3D Model

Drawing (PDF)

Product Specification PS-87920-019 (PDF)

RoHS Certificate of Compliance (PDF)

General

Product Family

Series

Application

Overview

Product Name

PCB Headers

87891

Board-to-Board, Wire-to-Board

kk

KK®

Physical

Breakaway

Circuits (Loaded)

Circuits (maximum)

Color - Resin

First Mate / Last Break

Glow-Wire Compliant

Guide to Mating Part

Keying to Mating Part

Lock to Mating Part

Mated Height (in)

Mated Height (mm)

Material - Metal

Material - Plating Mating

Material - Plating Termination

Material - Resin

Number of Rows

Orientation

PC Tail Length (in)

PC Tail Length (mm)

PCB Locator

PCB Retention

PCB Thickness Recommended (in)

PCB Thickness Recommended (mm)

Packaging Type

Pitch - Mating Interface (in)

Pitch - Mating Interface (mm)

Pitch - Term. Interface (in)

Pitch - Term. Interface (mm)

Plating min: Mating (µin)

Plating min: Mating (µm)

Plating min: Termination (µin)

Plating min: Termination (µm)

Polarized to Mating Part

Polarized to PCB

Shrouded

Stackable

Temperature Range - Operating

Termination Interface: Style

Yes

1

1

Black

No

No

No

None

None

0.230 In

5.84 mm

Copper Alloy

Tin

Nickel

Nylon

1

Vertical

0.117 In

2.97 mm

No

None

0.063 In

1.60 mm

Tray

0.100 In

2.54 mm

0.100 In

2.54 mm

100

2.54

50

1.27

No

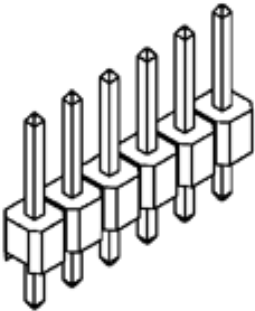
No

No

No

-55°C to +105°C

Through Hole



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

Electrical

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

Solder Process Data

Duration at Max. Process Temperature (seconds)	12
Lead-free Process Capability	Wave Capable (TH only)
Max. Cycles at Max. Process Temperature	1
Process Temperature max. C	260

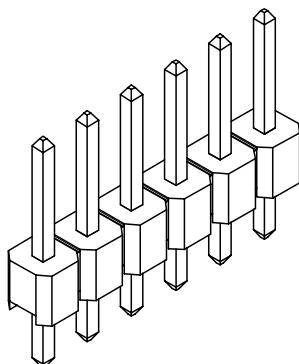
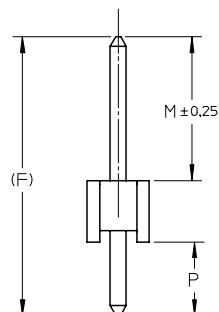
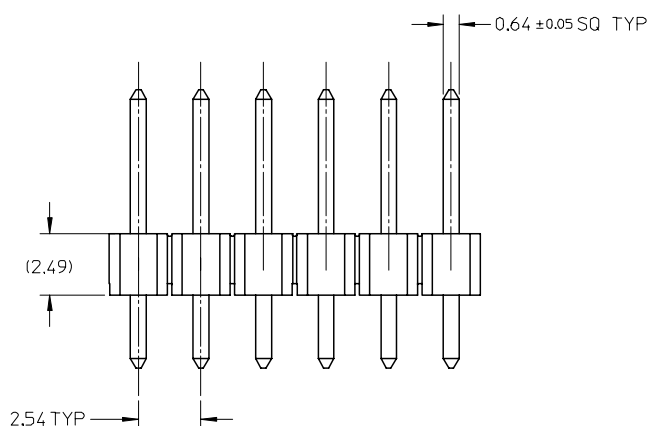
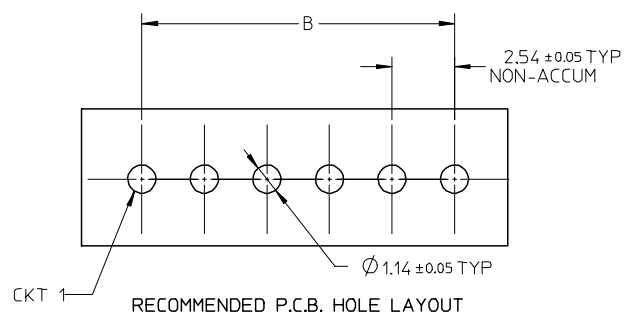
Material Info

Reference - Drawing Numbers

Packaging Specification	PK-89990-489
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



- BULK: PK-89990-491

EWR# 1023 EC NO: S2007-0289 DRAWN: SKLIM01 CHKD: CWLAM APPR: KWLEE 2006/09/29 2006/09/30	DESCRIPTION	QUALITY SYMBOLS	GENERAL TOLERANCES (UNLESS SPECIFIED)			DIMENSION STYLE MM ONLY		SCALE NTS	DESIGN UNITS METRIC	THIRD ANGLE PROJECTION		
		▼=0		mm	INCH	DRAWN BY YLQIAO	DATE 2004/11/17	TITLE CUSTOM HEADER 2.54MM PITCH, SINGLE ROW SINGLE WAFER, T/H HEADER				
		▽=0	4 PLACES	± ---	± ---	CHECKED BY PTLIM	DATE 2004/12/01					
		3 PLACES	± ---	± ---	APPROVED BY SLOW	DATE 2004/12/06						
		2 PLACES	± 0.20	± ---	MOLEX MOLEX INCORPORATED		DOCUMENT NO. SD-87891-013		SHEET NO. 1 OF 8			
		1 PLACE	± ---	± ---								
		ANGULAR ± 3 °			MATERIAL NO. SEE TABLE							
DRAFT WHERE APPLICABLE 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	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	EWR# 1023 EC NO: S2007-0289 DRWN:SKLIM01 2006/09/29 CHKD:CWLAM 2006/09/29 APPR:KWLEE 2006/09/30				DESCRIPTION REV	QUALITY SYMBOLS ▽=0 ▽C=0	GENERAL TOLERANCES (UNLESS SPECIFIED)			DIMENSION STYLE MM ONLY		SCALE NTS	DESIGN UNITS METRIC	THIRD ANGLE PROJECTION		A
	mm		INCH				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 DRWN:SKL1M01 CHKD:QWLM APPR:KWLEE 2006/09/29 2006/09/29 2006/09/30 DESCRIPTION REV QUALITY SYMBOLS ▼=0 ▽=0 GENERAL TOLERANCES (UNLESS SPECIFIED) mm INCH 4 PLACES ± --- ± --- 3 PLACES ± --- ± --- 2 PLACES ± 0.20 ± --- 1 PLACE ± --- ± --- ANGULAR ± 3 ° DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS DIMENSION STYLE MM ONLY DRAWN BY DATE CHECKED BY DATE APPROVED BY DATE MATERIAL NO. DOCUMENT NO. SCALE NTS DESIGN UNITS METRIC THIRD ANGLE PROJECTION CUSTOM HEADER 2.54MM PITCH, SINGLE ROW SINGLE WAFER, T/H HEADER MOLEX MOLEX INCORPORATED SIZE A3 THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION SHEET NO. 3 OF 8 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													
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:SKLIM01 CHKD:CWLAM APPR:KWLEE 2006/09/29 2006/09/29 2006/09/30 QUALITY SYMBOLS ▽=0 ▽=0 DESCRIPTION REV GENERAL TOLERANCES (UNLESS SPECIFIED) mm INCH 4 PLACES ± --- ± --- 3 PLACES ± --- ± --- 2 PLACES ± 0.20 ± --- 1 PLACE ± --- ± --- ANGULAR ± 3 ° DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS DIMENSION STYLE MM ONLY DRAWN BY DATE Y LQ1A0 2004/11/17 CHECKED BY DATE PTLIM 2004/12/01 APPROVED BY DATE SCLOW 2004/12/06 MATERIAL NO. SIZE A3 SCALE NTS DESIGN UNITS METRIC THIRD ANGLE PROJECTION TITLE CUSTOM HEADER 2.54MM PITCH, SINGLE ROW SINGLE WAFER, T/H HEADER MOLEX INCORPORATED DOCUMENT NO. SD-87891-013 SHEET NO. 4 OF 8 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									

ib_frame_A3_P_AM_T

Rev. E 2006/04/15

	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	

EWB# 1023

EC NO: S2007-0289

DRWNS:KLI MW01

CHKD:CWJ AM

APPR:KWLEE

2006/09/29

2006/09/29

2006/09/30

DESCRIPTION

REV

QUALITY SYMBOLS

▽=0

▽=0

GENERAL TOLERANCES (UNLESS SPECIFIED)

	mm	INCH
4 PLACES	± ---	± ---
3 PLACES	± ---	± ---
2 PLACES	± 0.20	± ---
1 PLACE	± ---	± ---

ANGULAR ± 3 °

DRAFT WHERE APPLICABLE
MUST REMAIN
WITHIN DIMENSIONS

DIMENSION STYLE
MM ONLY

DRAWN BY	DATE
YLQ1A0	2004/11/17
CHECKED BY	DATE
PTL IM	2004/12/01
APPROVED BY	DATE
SCLOW	2004/12/06

MATERIAL NO.

SIZE
A3

SCALE
NTS

DESIGN UNITS
METRIC

THIRD ANGLE
PROJECTION

TITLE

CUSTOM HEADER
2.54MM PITCH, SINGLE ROW
SINGLE WAFER, T/H HEADER

MOLEX INCORPORATED

DOCUMENT NO.
SD-87891-013

SHEET NO.
5 OF 8

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					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:KLI M01 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 INCORPORATED		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	DOCUMENT NO.		SD-87891-013								
								DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS			SEE TABLE		THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION											
											SIZE A3													
	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

