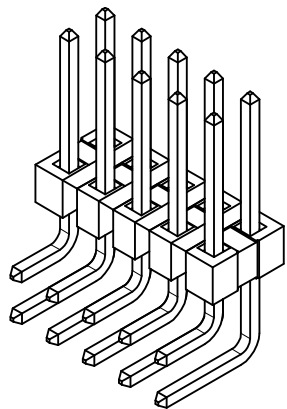
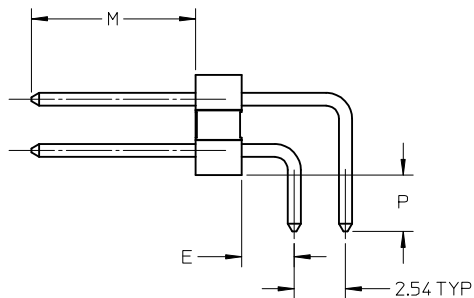
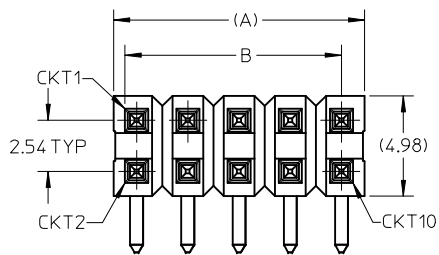


RECOMMENDED PCB LAYOUT



NOTES

1. MATERIAL:

HSG: LCP, GLASS-FILLED, UL94V-0
COLOR, BLACK

PIN: COPPER ALLOY 0.64 mm SQ.

2. PLATING TYPE:

- (1) 0.38µm MIN GOLD IN CONTACT AREA OVER
2.00µm MIN TIN SELECTIVE IN SOLDER AREA BOTH OVER
1.25µm NICKEL OVERALL
- (2) 0.75µm MIN GOLD IN CONTACT AREA OVER
2.00µm MIN TIN SELECTIVE IN SOLDER AREA BOTH OVER
1.25µm NICKEL OVERALL
- (3) 2.50µm MIN TIN OVERALL
1.25µm NICKEL OVERALL

3. FOR PACKAGING OPTION PLEASE REFER TO THE TABLE

4. PCB THICKNESS 1.6+/-0.10mm

5. PIN PUSHOUT FORCE 1kgf MIN IN EITHER DIRECTION

6. PRODUCT SPECIFICATION: PS-87920-019

7. WAFER TO BE FLAT WITHIN 0.003 mm/mm

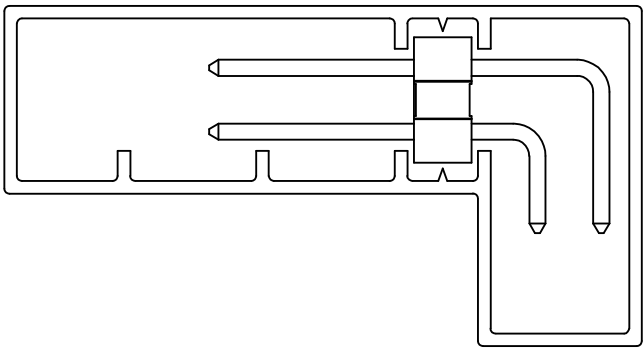
8. THE ABOVE 10CKT SHOWN IS FOR ILLUSTRATION ONLY.

9. EDGES WILL BE ROUGH OR IRREGULAR FOR THESE PARTS DUE TO BREAK-OFF. DIM SHOULD BE TAKEN AS REFERENCE

10. PACKAGING SPECIFICATION: PK-89990-520

PDR#1872.ADD 879112610 EC NO: S2009-0252 DRWN: YMC HONG 2008/10/15 CHKD: SKANG 2008/10/16 APPR: MLONG 2008/10/16	QUALITY SYMBOLS ▽=0 ∇=0	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE MM ONLY		SCALE NTS	DESIGN UNITS METRIC	THIRD ANGLE PROJECTION		
			mm	INCH	DRAWN BY	DATE	TITLE			
		4 PLACES	± ---	± ---	SKLIM01	2006/01/24	CUSTOM HEADER C-GRID, DUAL ROW HEADER SINGLE WAFER, R/A			
		3 PLACES	± ---	± ---	CHECKED BY	DATE				
	± 0.20	± ---	PATEY	2006/02/08	MOLEX INCORPORATED					
2 PLACES	± ---	± ---	APPROVED BY	DATE						
1 PLACE	± ---	± ---	PATEY	2006/02/08	MATERIAL NO. SD-87911-037 DOCUMENT NO. SHEET NO. 1 OF 5					
ANGULAR ± 3 °		DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		SIZE					THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION	
B2	REV			A3						





TRAY	TUBE WITHOUT CAP	TUBE WITH CAP	CKT SIZE	VOID POSITION	PLATING TYPE	DIMENSION				
						A	B	M	P	E
87911-0407	-----	-----	4	----	1	5.08	2.54	8.13	2.79	2.61
87911-0408	-----	-----	4	----	2	5.08	2.54	8.13	2.79	2.61
87911-0409	-----	-----	4	----	3	5.08	2.54	8.13	2.79	2.61
87911-0607	-----	-----	6	----	1	7.62	5.08	8.13	2.79	2.61
87911-0608	-----	-----	6	----	2	7.62	5.08	8.13	2.79	2.61
87911-0609	-----	-----	6	----	3	7.62	5.08	8.13	2.79	2.61
-----	87911-0807	-----	8	----	1	10.16	7.62	8.13	2.79	2.61
-----	87911-0808	-----	8	----	2	10.16	7.62	8.13	2.79	2.61
-----	87911-0809	-----	8	----	3	10.16	7.62	8.13	2.79	2.61
-----	87911-1007	-----	10	----	1	12.70	10.16	8.13	2.79	2.61
-----	87911-1008	-----	10	----	2	12.70	10.16	8.13	2.79	2.61
-----	87911-1009	-----	10	----	3	12.70	10.16	8.13	2.79	2.61
-----	87911-1207	-----	12	----	1	15.24	12.70	8.13	2.79	2.61
-----	87911-1208	-----	12	----	2	15.24	12.70	8.13	2.79	2.61
-----	87911-1209	-----	12	----	3	15.24	12.70	8.13	2.79	2.61
-----	87911-1407	-----	14	----	1	17.78	15.24	8.13	2.79	2.61
-----	87911-1408	-----	14	----	2	17.78	15.24	8.13	2.79	2.61
-----	87911-1409	-----	14	----	3	17.78	15.24	8.13	2.79	2.61



PART IN TUBE ORIENTATION

PDR#1872.ADD 879112610 EC NO: S2009-0252 DRWN: YMC HONG 2008/10/15 CHKD: SKANG 2008/10/16 APPR: MLONG 2008/10/16	QUALITY SYMBOLS ▽=0 ◻=0	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE MM ONLY		SCALE NTS	DESIGN UNITS METRIC	THIRD ANGLE PROJECTION			
		4 PLACES ± --- ± --- 3 PLACES ± --- ± --- 2 PLACES ± 0.20 ± --- 1 PLACE ± --- ± ---	mm INCH	DRAWN BY SKLIM01	DATE 2006/01/24	TITLE CUSTOM HEADER C-GRID, DUAL ROW HEADER SINGLE WAFER, R/A					
		ANGULAR ± 3 °		CHECKED BY PATEY	DATE 2006/02/08	MOLEX INCORPORATED					
		DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		APPROVED BY PATEY	DATE 2006/02/08	MATERIAL NO. SEE TABLE	DOCUMENT NO. SD-87911-037	SHEET NO. 2 OF 5			




PACKAGING OPTION PART NO.										PACKAGING OPTION PART NO.												
TRAY	TUBE WITHOUT CAP	TUBE WITH CAP	CKT SIZE	VOID POSITION	PLATING TYPE	DIMENSION					TRAY	TUBE WITHOUT CAP	TUBE WITH CAP	CKT SIZE	VOID POSITION	PLATING TYPE	DIMENSION					
						A	B	M	P	E							A	B	M	P	E	
F	-----	87911-1607	-----	16	----	1	20.32	17.78	8.13	2.79	2.61	-----	87911-2807	-----	28	----	1	35.56	33.02	8.13	2.79	2.61
	-----	87911-1608	-----	16	----	2	20.32	17.78	8.13	2.79	2.61	-----	87911-2808	-----	28	----	2	35.56	33.02	8.13	2.79	2.61
	-----	87911-1609	-----	16	----	3	20.32	17.78	8.13	2.79	2.61	-----	87911-2809	-----	28	----	3	35.56	33.02	8.13	2.79	2.61
	-----	87911-1807	-----	18	----	1	22.86	20.32	8.13	2.79	2.61	-----	87911-3007	-----	30	----	1	38.10	35.56	8.13	2.79	2.61
	-----	87911-1808	-----	18	----	2	22.86	20.32	8.13	2.79	2.61	-----	87911-3008	-----	30	----	2	38.10	35.56	8.13	2.79	2.61
E	-----	87911-1809	-----	18	----	3	22.86	20.32	8.13	2.79	2.61	-----	87911-3009	-----	30	----	3	38.10	35.56	8.13	2.79	2.61
	-----	87911-2007	-----	20	----	1	25.40	22.86	8.13	2.79	2.61	-----	87911-3207	-----	32	----	1	40.64	38.10	8.13	2.79	2.61
	-----	87911-2008	-----	20	----	2	25.40	22.86	8.13	2.79	2.61	-----	87911-3208	-----	32	----	2	40.64	38.10	8.13	2.79	2.61
	-----	87911-2009	-----	20	----	3	25.40	22.86	8.13	2.79	2.61	-----	87911-3209	-----	32	----	3	40.64	38.10	8.13	2.79	2.61
D	-----	87911-2207	-----	22	----	1	27.94	25.40	8.13	2.79	2.61	-----	87911-3407	-----	34	----	1	43.18	40.64	8.13	2.79	2.61
	-----	87911-2208	-----	22	----	2	27.94	25.40	8.13	2.79	2.61	-----	87911-3408	-----	34	----	2	43.18	40.64	8.13	2.79	2.61
	-----	87911-2209	-----	22	----	3	27.94	25.40	8.13	2.79	2.61	-----	87911-3409	-----	34	----	3	43.18	40.64	8.13	2.79	2.61
	-----	87911-2407	-----	24	----	1	30.48	27.94	8.13	2.79	2.61	-----	87911-3607	-----	36	----	1	45.72	43.18	8.13	2.79	2.61
	-----	87911-2408	-----	24	----	2	30.48	27.94	8.13	2.79	2.61	-----	87911-3608	-----	36	----	2	45.72	43.18	8.13	2.79	2.61
C	-----	87911-2409	-----	24	----	3	30.48	27.94	8.13	2.79	2.61	-----	87911-3609	-----	36	----	3	45.72	43.18	8.13	2.79	2.61
	-----	87911-2607	-----	26	----	1	33.02	30.48	8.13	2.79	2.61	-----	87911-3807	-----	38	----	1	48.26	45.72	8.13	2.79	2.61
	-----	87911-2608	-----	26	----	2	33.02	30.48	8.13	2.79	2.61	-----	87911-3808	-----	38	----	2	48.26	45.72	8.13	2.79	2.61
	-----	87911-2609	-----	26	----	3	33.02	30.48	8.13	2.79	2.61	-----	87911-3809	-----	38	----	3	48.26	45.72	8.13	2.79	2.61
B	-----	87911-2610	-----	26	----	3	33.02	30.48	4.00	2.79	1.32											

PDR#1872.ADD 879112610 EC NO: S2009-0252 2008/10/15 DRWN: YICHONG 2008/10/16 CHKD: SKANG 2008/10/16 APPR: MLONG 2008/10/16	QUALITY SYMBOLS  =0  =0	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE MM ONLY		SCALE NTS	DESIGN UNITS METRIC	 THIRD ANGLE PROJECTION	
		4 PLACES ± --- ± --- 3 PLACES ± --- ± --- 2 PLACES ± 0.20 ± --- 1 PLACE ± --- ± ---		DRAWN BY: SKLIM01 DATE: 2006/01/24 CHECKED BY: PATEY DATE: 2006/02/08 APPROVED BY: PATEY DATE: 2006/02/08		TITLE CUSTOM HEADER C-GRID, DUAL ROW HEADER SINGLE WAFER, R/A			
		ANGULAR ± 3 °		MATERIAL NO.		 MOLEX INCORPORATED			
		DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		SEE TABLE		DOCUMENT NO.		SD-87911-037	
B2		SIZE A3		THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION		SHEET NO.		3 OF 5	

PACKAGING OPTION PART NO.										PACKAGING OPTION PART NO.												
TRAY	TUBE WITHOUT CAP	TUBE WITH CAP	CKT SIZE	VOID POSITION	PLATING TYPE	DIMENSION					TRAY	TUBE WITHOUT CAP	TUBE WITH CAP	CKT SIZE	VOID POSITION	PLATING TYPE	DIMENSION					
						A	B	M	P	E							A	B	M	P	E	
F	-----	87911-4007	-----	40	----	1	50.80	48.26	8.13	2.79	2.61	-----	87911-5207	-----	52	----	1	66.04	63.50	8.13	2.79	2.61
	-----	87911-4008	-----	40	----	2	50.80	48.26	8.13	2.79	2.61	-----	87911-5208	-----	52	----	2	66.04	63.50	8.13	2.79	2.61
	-----	87911-4009	-----	40	----	3	50.80	48.26	8.13	2.79	2.61	-----	87911-5209	-----	52	----	3	66.04	63.50	8.13	2.79	2.61
	-----	87911-4207	-----	42	----	1	53.34	50.80	8.13	2.79	2.61	-----	87911-5407	-----	54	----	1	68.58	66.04	8.13	2.79	2.61
	-----	87911-4208	-----	42	----	2	53.34	50.80	8.13	2.79	2.61	-----	87911-5408	-----	54	----	2	68.58	66.04	8.13	2.79	2.61
E	-----	87911-4209	-----	42	----	3	53.34	50.80	8.13	2.79	2.61	-----	87911-5409	-----	54	----	3	68.58	66.04	8.13	2.79	2.61
	-----	87911-4407	-----	44	----	1	55.88	53.34	8.13	2.79	2.61	-----	87911-5607	-----	56	----	1	71.12	68.58	8.13	2.79	2.61
	-----	87911-4408	-----	44	----	2	55.88	53.34	8.13	2.79	2.61	-----	87911-5608	-----	56	----	2	71.12	68.58	8.13	2.79	2.61
	-----	87911-4409	-----	44	----	3	55.88	53.34	8.13	2.79	2.61	-----	87911-5609	-----	56	----	3	71.12	68.58	8.13	2.79	2.61
D	-----	87911-4607	-----	46	----	1	58.42	55.88	8.13	2.79	2.61	-----	87911-5807	-----	58	----	1	73.66	71.12	8.13	2.79	2.61
	-----	87911-4608	-----	46	----	2	58.42	55.88	8.13	2.79	2.61	-----	87911-5808	-----	58	----	2	73.66	71.12	8.13	2.79	2.61
	-----	87911-4609	-----	46	----	3	58.42	55.88	8.13	2.79	2.61	-----	87911-5809	-----	58	----	3	73.66	71.12	8.13	2.79	2.61
	-----	87911-4807	-----	48	----	1	60.96	58.42	8.13	2.79	2.61	-----	87911-6007	-----	60	----	1	76.20	73.66	8.13	2.79	2.61
	-----	87911-4808	-----	48	----	2	60.96	58.42	8.13	2.79	2.61	-----	87911-6008	-----	60	----	2	76.20	73.66	8.13	2.79	2.61
C	-----	87911-4809	-----	48	----	3	60.96	58.42	8.13	2.79	2.61	-----	87911-6009	-----	60	----	3	76.20	73.66	8.13	2.79	2.61
	-----	87911-5007	-----	50	----	1	63.50	60.96	8.13	2.79	2.61	-----	87911-6207	-----	62	----	1	78.74	76.20	8.13	2.79	2.61
	-----	87911-5008	-----	50	----	2	63.50	60.96	8.13	2.79	2.61	-----	87911-6208	-----	62	----	2	78.74	76.20	8.13	2.79	2.61
	-----	87911-5009	-----	50	----	3	63.50	60.96	8.13	2.79	2.61	-----	87911-6209	-----	62	----	3	78.74	76.20	8.13	2.79	2.61
B																						

PDR#1872.ADD 879112610 EC NO: S2009-0252 2008/10/15 DRWN:YCHONG 2008/10/16 CHKD:SKANG 2008/10/16 APPR:MLONG 2008/10/16	QUALITY SYMBOLS ▽=0 ◻=0	GENERAL TOLERANCES (UNLESS SPECIFIED) mm INCH 4 PLACES ± --- ± --- 3 PLACES ± --- ± --- 2 PLACES ± 0.20 ± --- 1 PLACE ± --- ± --- ANGULAR ± 3 °	DIMENSION STYLE MM ONLY DRAWN BY: SKLIM01 DATE: 2006/01/24 CHECKED BY: DATE: APPROVED BY: DATE: 2006/02/08 PATEY	SCALE: NTS DESIGN UNITS: METRIC THIRD ANGLE PROJECTION	CUSTOM HEADER C-GRID, DUAL ROW HEADER SINGLE WAFER, R/A MOLEX INCORPORATED MATERIAL NO. DOCUMENT NO. SD-87911-037 SHEET NO. 4 OF 5
		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	

PACKAGING OPTION PART NO.										PACKAGING OPTION PART NO.												
TRAY	TUBE WITHOUT CAP	TUBE WITH CAP	CKT SIZE	VOID POSITION	PLATING TYPE	DIMENSION					TRAY	TUBE WITHOUT CAP	TUBE WITH CAP	CKT SIZE	VOID POSITION	PLATING TYPE	DIMENSION					
						A	B	M	P	E							A	B	M	P	E	
F	-----	87911-6407	-----	64	----	1	81.28	78.74	8.13	2.79	2.61	-----	87911-7607	-----	76	----	1	96.52	93.98	8.13	2.79	2.61
	-----	87911-6408	-----	64	----	2	81.28	78.74	8.13	2.79	2.61	-----	87911-7608	-----	76	----	2	96.52	93.98	8.13	2.79	2.61
	-----	87911-6409	-----	64	----	3	81.28	78.74	8.13	2.79	2.61	-----	87911-7609	-----	76	----	3	96.52	93.98	8.13	2.79	2.61
	-----	87911-6607	-----	66	----	1	83.82	81.28	8.13	2.79	2.61	-----	87911-7807	-----	78	----	1	99.06	96.52	8.13	2.79	2.61
	-----	87911-6608	-----	66	----	2	83.82	81.28	8.13	2.79	2.61	-----	87911-7808	-----	78	----	2	99.06	96.52	8.13	2.79	2.61
E	-----	87911-6609	-----	66	----	3	83.82	81.28	8.13	2.79	2.61	-----	87911-7809	-----	78	----	3	99.06	96.52	8.13	2.79	2.61
	-----	87911-6807	-----	68	----	1	86.36	83.82	8.13	2.79	2.61	-----	87911-8007	-----	80	----	1	101.60	99.06	8.13	2.79	2.61
	-----	87911-6808	-----	68	----	2	86.36	83.82	8.13	2.79	2.61	-----	87911-8008	-----	80	----	2	101.60	99.06	8.13	2.79	2.61
	-----	87911-6809	-----	68	----	3	86.36	83.82	8.13	2.79	2.61	-----	87911-8009	-----	80	----	3	101.60	99.06	8.13	2.79	2.61
D	-----	87911-7007	-----	70	----	1	88.90	86.36	8.13	2.79	2.61											
	-----	87911-7008	-----	70	----	2	88.90	86.36	8.13	2.79	2.61											
	-----	87911-7009	-----	70	----	3	88.90	86.36	8.13	2.79	2.61											
	-----	87911-7207	-----	72	----	1	91.44	88.90	8.13	2.79	2.61											
	-----	87911-7208	-----	72	----	2	91.44	88.90	8.13	2.79	2.61											
C	-----	87911-7209	-----	72	----	3	91.44	88.90	8.13	2.79	2.61											
	-----	87911-7407	-----	74	----	1	93.98	91.44	8.13	2.79	2.61											
	-----	87911-7408	-----	74	----	2	93.98	91.44	8.13	2.79	2.61											
	-----	87911-7409	-----	74	----	3	93.98	91.44	8.13	2.79	2.61											
B																						

PDR#1872.ADD 879112610 EC NO: S2009-0252 2008/10/15 DRWN: YICHONG 2008/10/16 CHKD: SKANG 2008/10/16 APPR: MLONG 2008/10/16	QUALITY SYMBOLS  = 0  = 0	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE MM ONLY		SCALE NTS	DESIGN UNITS METRIC	 THIRD ANGLE PROJECTION			
		mm INCH		DRAWN BY SKLIM01	DATE 2006/01/24	TITLE CUSTOM HEADER C-GRID, DUAL ROW HEADER SINGLE WAFER, R/A					
		4 PLACES ± --- ± --- 3 PLACES ± --- ± --- 2 PLACES ± 0.20 ± --- 1 PLACE ± --- ± ---		CHECKED BY PATEY	DATE 2006/02/08	MOLEX INCORPORATED					
		ANGULAR ± 3 °		APPROVED BY PATEY	DATE 2006/02/08	MATERIAL NO. SEE TABLE	DOCUMENT NO. SD-87911-037	SHEET NO. 5 OF 5			
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									