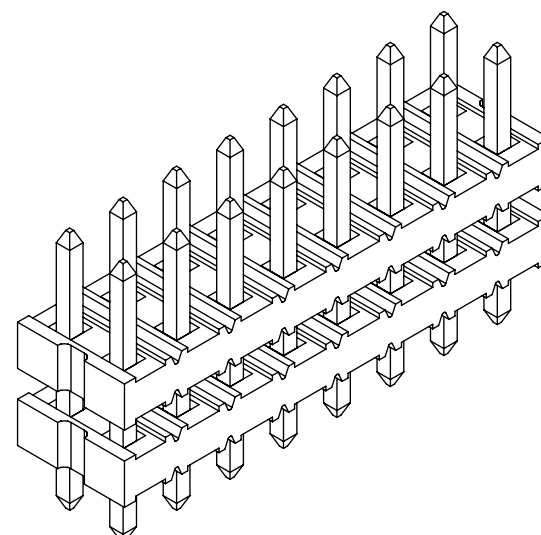
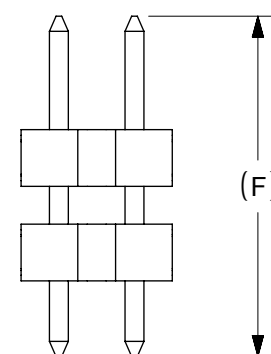
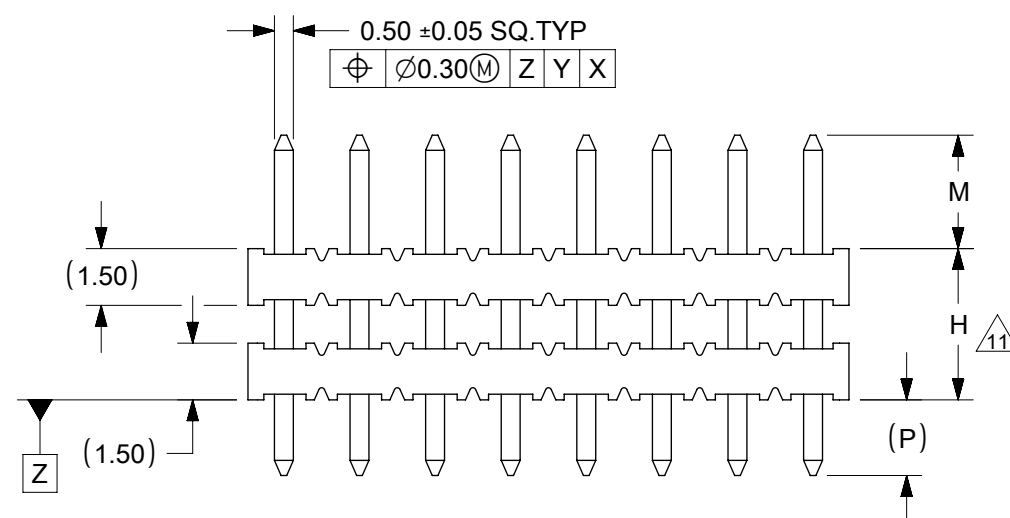
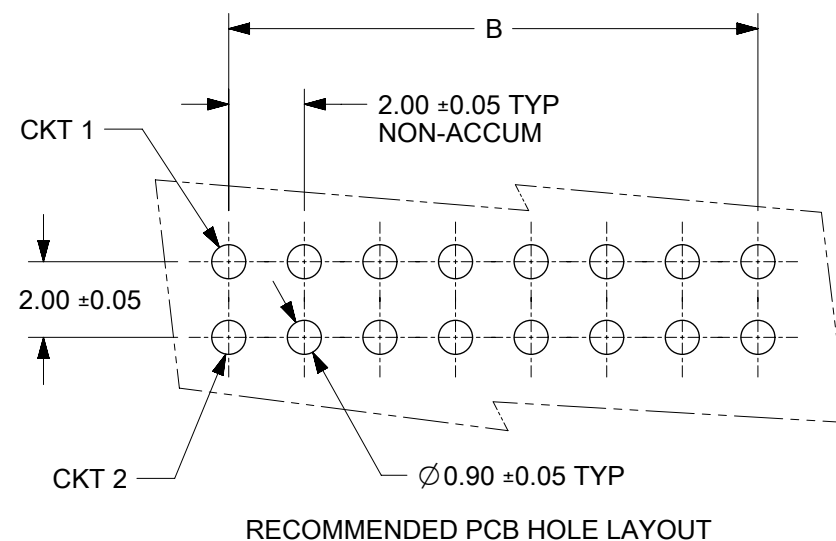
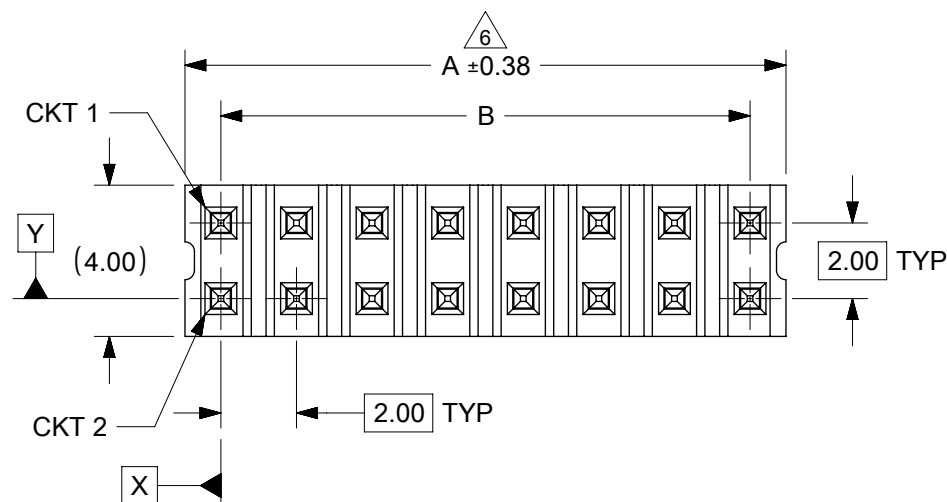




- NOTES:

1. MATERIAL:

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

PIN: 0.50MM SQ. COPPER ALLOY

2. PLATING FINISH:

- (1) 0.38μm MIN. GOLD OVER
1.25μm MIN. NICKEL OVERALL.
- (2) GOLD FLASH ON CONTACT AND
2.50μm MIN. TIN ON SOLDERTAIL OVER
1.25μm MIN. NICKEL OVERALL.
- (3) 0.38μm MIN. GOLD PLATE ON CONTACT AND
2.00μm MIN. TIN ON SOLDERTAIL OVER
1.25μm MIN. NICKEL OVERALL.
- (4) 0.75μm MIN. GOLD PLATE ON CONTACT AND
2.00μm MIN. TIN ON SOLDERTAIL OVER
1.25μm MIN. NICKEL OVERALL.
- (5) 2.50μm MIN. TIN OVERALL
1.25μm min. NICKEL OVERALL
- (6) 0.38μm MIN. GOLD PLATE ON CONTACT AND
0.05μm MIN. GOLD ON SOLDERTAIL OVER
1.25μm MIN. NICKEL OVERALL.
- (7) 0.75μm MIN. GOLD PLATE ON CONTACT AND
0.05μm MIN. GOLD ON SOLDERTAIL OVER
1.25μm MIN. NICKEL OVERALL.

3. PIN PUSHOUT FORCE: 0.85Kg_f MIN IN EITHER DIRECTION.

4. THE ABOVE 16CKTS SHOWN IS FOR ILLUSTRATION ONLY.

5. FOR PACKING OPTION PLEASE REFER TO THE TABLE.

- △6. IRREGULAR CIRCUIT CUTOFF WITHIN BREAKAWAY SECTION IS PERMISSIBLE. CUTTING OR CHIPPING OF THE MAIN BODY IS NOT ACCEPTABLE

7. PRODUCT SPEC PS-87761-001 APPLIES.

8. RECOMMENDED PCB THICKNESS 1.60MM.

9. WAFER TO BE FLAT WITHIN 0.003 mm/mm

10. PACKAGING SPECIFICATION:

TRAY: PK-89990-487

BULK: PK-89990-490

TUBE: PK-89990-475

- 11 WHEN WAFER ARE STACK TOGETHER, DIMENSION 'H' SHOULD BE TAKEN AS REFERENCE.

THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION												
DIMENSION UNITS		SCALE		CURRENT REV DESC: REMOVED OBSOLETE PART NUMBER AS PER PCN#511698.				molex				
mm		NTS										
GENERAL TOLERANCES (UNLESS SPECIFIED)				2MM DUAL ROW DUAL WAFER HEADER, VERTICAL T/H								
	MM		INCH									
4 PLACES		±			EC NO: 742551 DRWN: SANTHN CHK'D: GGA APPR: GGA				2023/03/30 2023/05/12 2023/05/12			
3 PLACES		±										
2 PLACES		±	0.2	±	INITIAL REVISION: DRWN: KCHO APPR: MLONG				2005/02/23 2009/12/02			
1 PLACE		±	±									
0 PLACES		±	±		DOCUMENT NUMBER SD-87761-052							
ANGULAR TOL ± 3.0°				DOC TYPE								
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS				THIRD ANGLE PROJECTION 		DRAWING A3-SIZE		SERIES 87761		SHEET NUMBER 1 OF 3		
				MATERIAL NUMBER SEE TABLE		CUSTOMER GENERAL MARKET						

10		9		8		7		6		5		4		3		2		1												
CKT SIZE	DIMENSION																		DIMENSION		PLATING OPTION		PACKAGING TYPE							
	A	B																												
04	4.00	2.00																	MATING END		STACKER HEIGHT		SOLDER TAIL		(F)					
06	6.00	4.00																												
08	8.00	6.00																	M		H		(P)							
10	10.00	8.00																												
12	12.00	10.00																	8.00		15.50		3.50		23.00		3		TRAY	
14	14.00	12.00																												
16	16.00	14.00																	7.00		5.00		2.80		14.80		5			
18	18.00	16.00																												
20	20.00	18.00																	7.00		5.00		2.80		14.80		5			
22	22.00	20.00																												
24	24.00	22.00																	4.00		15.50		3.50		23.00		3			
26	26.00	24.00																												
28	28.00	26.00																	8.70		16.00		3.50		28.20		4		BULK	
30	30.00	28.00																												
32	32.00	30.00																	1.16		3.05		3.99		8.20		5			
34	34.00	32.00																												
36	36.00	34.00																	1.16		3.05		3.99		8.20		5			
38	38.00	36.00																												
40	40.00	38.00																	2.60		34.00		2.60		39.20		5			
42	42.00	40.00																												
44	44.00	42.00																	2.60		34.00		2.60		39.20		5			
46	46.00	44.00																												
48	48.00	46.00																	5.50		27.05		3.43		36.43		4			
50	50.00	48.00																												
NOTES: 12 APPLY ONLY FOR PART#87761-5021 & 87761-5022 <																														

10		9		8		7		6		5		4		3		2		1	
PART NUMBERS	CKT SIZE	VOID POSITION	KINK POSITION	DIMENSION				PLATING OPTION	PACKAGING TYPE										
				MATING END	STACKER HEIGHT	SOLDER TAIL	(F)												
				M	H	(P)													
87761-0003	16	---	---	6.53	5.08	2.49	14.10	3											
87761-0006	04	---	---	5.46	8.18	5.46	19.10	3											
87761-0007	06	---	---	5.46	8.18	5.46	19.10	3											
87761-0008	12	---	---	5.46	8.18	5.46	19.10	3											
87761-3420	34	---	---	13.20	6.00	TBD	19.20	3	TBD										
87761-5020	50	---	---	13.20	6.00	TBD	19.20	3	TBD										
87761-0010	10	---	---	4.50	3.00	2.60	10.10	3	TRAY										
87761-0023	40	---	---	9.00	16.00	4.22	29.22	4	TRAY										
87761-0028	10	---	---	4.00	7.50	4.00	15.50	5											
87761-0029	10	---	---	4.00	7.50	4.00	15.50	5											
87761-2800	28	---	---	4.01	6.99	2.59	13.59	5	TUBE										
87761-1201	12	---	---	7.00	15.22	2.60	24.82	4	TRAY										
87761-0810	08	---	---	5.40	6.30	2.60	14.30	4											
87761-5010	50	---	---	5.40	6.30	2.60	14.30	4											
87761-4408	44	---	---	4.20	12.50	2.60	19.30	4											
87761-4409	44	---	---	4.20	17.50	2.60	24.30	4											
87761-7000	30	---	---	5.50	18.00	4.00	27.50	6											
87761-7001	26	---	---	6.00	3.00	3.00	12.00	3											
87761-7002	04	---	---	6.00	3.00	3.00	12.00	3											
87761-7003	26	---	---	6.00	3.00	2.50	11.50	3											
		</																	

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DIMENSION UNITS

mm

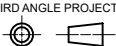
SCALE

NTS

GENERAL TOLERANCES (UNLESS SPECIFIED)

	MM	INCH
4 PLACES	±	±
3 PLACES	±	±
2 PLACES	± 0.2	±
1 PLACE	±	±
0 PLACES	±	±
ANGULAR TOL	± 3.0 °	

DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS



CURRENT REV DESC: REMOVED OBSOLETE PART NUMBER AS PER PCN#511698.

EC NO: 742551

DRWN: SANTHN

CHK'D: GGA

APPR: GGA

2023/03/30

2023/05/12

2023/05/12

INITIAL REVISION:

DRWN: KCHO

APPR: MLONG

2005/02/23

2009/12/02

THIRD ANGLE PROJECTION

DRAWING

SERIES

MATERIAL NUMBER

CUSTOMER

SHEET NUMBER

SD-87761-052

PSD

001

D4

SEE TABLE

GENERAL MARKET

3 OF 3

2MM DUAL ROW DUAL WAFER HEADER, VERTICAL T/H

PRODUCT CUSTOMER DRAWING