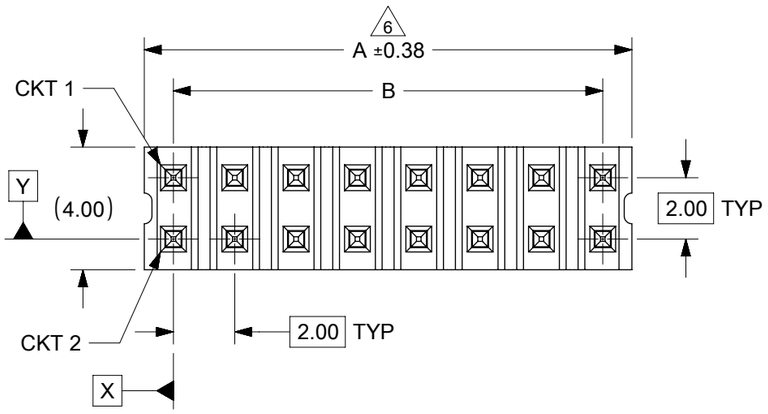
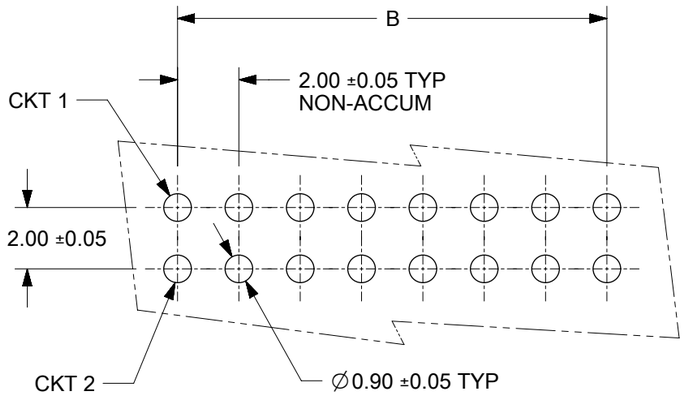
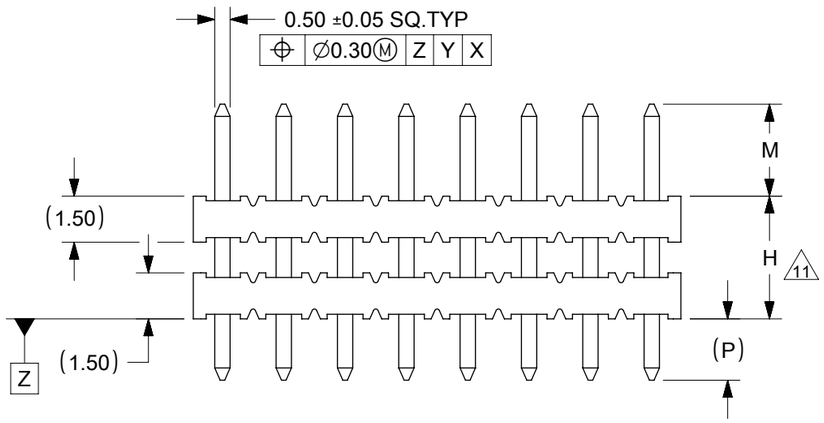
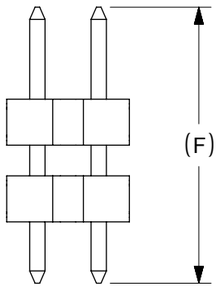
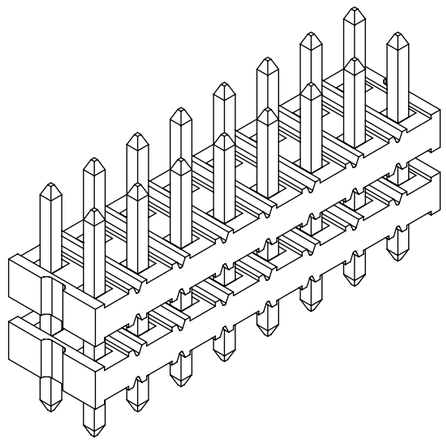




RECOMMENDED PCB HOLE LAYOUT







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: 0.85Kgf 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.

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DIMENSION UNITS	SCALE
mm	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:

EC NO: 679909
DRWN: ABABUPS 2021/08/19
CHK'D: MRAMAKRISHNA 2021/10/11
APPR: MRAMAKRISHNA 2021/10/11

INITIAL REVISION:
DRWN: KCHO 2005/02/23
APPR: MLONG 2009/12/02

THIRD ANGLE PROJECTION | DRAWING: A3-SIZE | SERIES: 87761

molex

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

PRODUCT CUSTOMER DRAWING

DOCUMENT NUMBER	DOC TYPE	DOC PART	REVISION
SD-87761-052	PSD	001	D3

MATERIAL NUMBER	CUSTOMER	SHEET NUMBER
SEE TABLE	GENERAL MARKET	1 OF 3

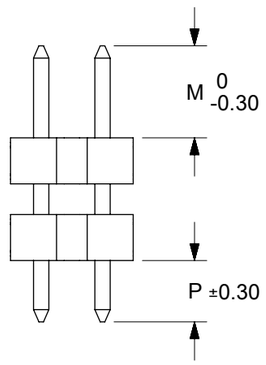
DOCUMENT STATUS	P1	RELEASE DATE	2021/10/11 11:53:20

FORMAT: Mel-lega-master-lib-prod-A3
REVISION: E
DATE: 2020/01/14

CKT SIZE	DIMENSION A	DIMENSION B
04	4.00	2.00
06	6.00	4.00
08	8.00	6.00
10	10.00	8.00
12	12.00	10.00
14	14.00	12.00
16	16.00	14.00
18	18.00	16.00
20	20.00	18.00
22	22.00	20.00
24	24.00	22.00
26	26.00	24.00
28	28.00	26.00
30	30.00	28.00
32	32.00	30.00
34	34.00	32.00
36	36.00	34.00
38	38.00	36.00
40	40.00	38.00
42	42.00	40.00
44	44.00	42.00
46	46.00	44.00
48	48.00	46.00
50	50.00	48.00

NOTES:

12 APPLY ONLY FOR PART#87761-5021 & 87761-5022



	PART NUMBERS	CKT SIZE	VOID POSITION	KINK POSITION	DIMENSION MATING END M	DIMENSION STACKER HEIGHT H	DIMENSION SOLDER TAIL (P)	DIMENSION (F)	PLATING OPTION	PACKAGING TYPE
	87761-0401	04	---	---	4.00	15.50	3.50	23.00	3	TRAY
	87761-0600	06	---	---	7.00	5.00	2.80	14.80	5	
D2	87761-0601	06	---	---	7.00	5.00	2.80	14.80	5	
	87761-0801	08	3,4,5,6	---	4.00	15.50	3.50	23.00	3	
	87761-0800	08	---	---	8.70	16.00	3.50	28.20	4	BULK
	87761-1006	10	1	---	1.16	3.05	3.99	8.20	5	TRAY
	87761-1009	10	---	---	1.16	3.05	3.99	8.20	5	
	87761-1007	10	---	---	2.60	34.00	2.60	39.20	5	
D2	87761-1008	10	---	---	2.60	34.00	2.60	39.20	5	
	87761-1000	10	---	---	5.50	27.05	3.43	36.43	4	
	87761-1001	10	---	---	2.50	14.50	4.00	21.00	4	
	87761-0012	12	---	---	2.60	10.00	3.70	16.30	5	
D2	87761-0013	12	---	---	2.60	10.00	3.70	16.30	5	
	87761-1200	12	---	---	4.00	24.00	2.79	30.79	4	
	87761-0016	16	---	---	4.00	9.15	3.85	17.00	3	
	87761-0017	16	---	---	3.00	3.00	2.70	8.70	5	
	87761-1600	16	---	---	7.00	5.00	2.80	14.80	5	
D2	87761-1602	16	---	---	7.00	5.00	2.80	14.80	5	
	87761-0020	20	---	---	6.00	4.00	2.90	12.90	5	
D2	87761-0021	20	---	---	6.00	4.00	2.90	12.90	5	
	87761-0031	20	---	---	3.00	4.00	2.03	9.00	6	
	87761-2000	20	---	---	4.00	24.00	2.79	30.79	4	
	87761-2001	20	---	---	2.50	14.50	4.00	21.00	4	
	87761-2018	20	---	---	4.50	10.16	4.45	19.10	3	
	87761-2400	24	---	---	5.50	27.50	2.80	35.80	4	
	87761-2401	24	---	---	2.00	60.00	2.00	64.00	7	
	87761-2402	24	---	---	2.00	42.00	2.00	46.00	7	
	87761-2610	26	---	---	5.30	6.30	2.70	14.30	4	
	87761-3000	30	---	---	4.00	17.30	4.00	25.30	1	
	87761-0024	40	---	---	8.89	15.88	3.43	28.20	4	
	87761-4000	40	---	---	2.60	3.00	2.60	8.20	5	
D2	87761-4001	40	---	---	2.60	3.00	2.60	8.20	5	
	87761-4218	42	---	---	4.50	10.16	4.45	19.10	3	
	87761-4400	44	---	---	7.00	5.00	4.00	16.00	5	
D2	87761-4402	44	---	---	7.00	5.00	4.00	16.00	5	
	87761-0026	50	---	---	8.89	15.88	3.43	28.20	4	
	87761-5000	50	---	---	3.50	10.00	3.50	17.00	5	
D2	87761-5003	50	---	---	3.50	10.00	3.50	17.00	5	
	87761-5001	50	---	---	2.50	10.30	4.00	16.80	4	
	87761-5002	50	---	---	2.50	11.70	2.60	16.80	4	
	87761-5021	50	---	---	4.00	8.70	2.50	15.20	3	
	87761-5022	50	---	---	4.00	5.71	2.50	12.21	3	
	87761-0001	10	---	---	5.08	22.86	5.08	33.02	3	

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DIMENSION UNITS	SCALE
mm	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:

EC NO: 679909
DRWN: ABABUPS 2021/08/19
CHK'D: MRAMAKRISHNA 2021/10/11
APPR: MRAMAKRISHNA 2021/10/11

INITIAL REVISION:
DRWN: KCHO 2005/02/23
APPR: MLONG 2009/12/02

THIRD ANGLE PROJECTION | DRAWING: A3-SIZE | SERIES: 87761

molex

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

PRODUCT CUSTOMER DRAWING

DOCUMENT NUMBER	DOC TYPE	DOC PART	REVISION
SD-87761-052	PSD	001	D3

MATERIAL NUMBER	CUSTOMER	SHEET NUMBER
SEE TABLE	GENERAL MARKET	2 OF 3

DOCUMENT STATUS	P1	RELEASE DATE	2021/10/11 11:53:20

FORMAT: Met-lega-master-tb-prod-A3
REVISION: E
DATE: 2020/01/14

PART NUMBERS	CKT SIZE	VOID POSITION	KINK POSITION	DIMENSION				PLATING OPTION	PACKAGING TYPE
				MATING END	STACKER HEIGHT	SOLDER TAIL	(F)		
				M	H	(P)			
87761-0002	50	---	---	7.25	17.50	7.25	32.00		TRAY
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	

D2

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DIMENSION UNITS	SCALE
mm	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:

EC NO: 679909
DRWN: ABABUPS 2021/08/19
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INITIAL REVISION:
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molex

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

PRODUCT CUSTOMER DRAWING

DOCUMENT NUMBER	DOC TYPE	DOC PART	REVISION
SD-87761-052	PSD	001	D3

THIRD ANGLE PROJECTION	DRAWING	SERIES	MATERIAL NUMBER	CUSTOMER	SHEET NUMBER
	A3-SIZE	87761	SEE TABLE	GENERAL MARKET	3 OF 3

DOCUMENT STATUS	P1	RELEASE DATE	2021/10/11 11:53:20

FORMAT: Met-lega-master-tb-prod-A3
REVISION: E
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