

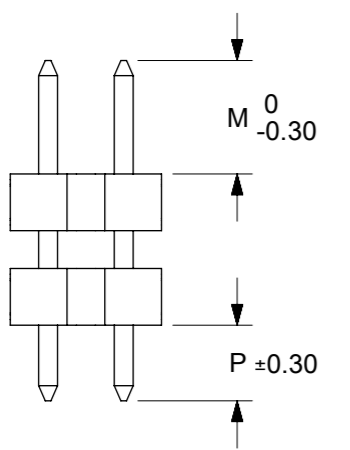
NOTES:

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 SOLDER TAIL OVER
1.25µm MIN. NICKEL OVERALL.
 - (3) 0.38µm MIN. GOLD PLATE ON CONTACT AND
2.00µm MIN. TIN ON SOLDER TAIL OVER
1.25µm MIN. NICKEL OVERALL.
 - (4) 0.75µm MIN. GOLD PLATE ON CONTACT AND
2.00µm MIN. TIN ON SOLDER TAIL 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 SOLDER TAIL OVER
1.25µm MIN. NICKEL OVERALL.
 - (7) 0.75µm MIN. GOLD PLATE ON CONTACT AND
0.05µm MIN. GOLD ON SOLDER TAIL 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.

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)				EC NO: 742551		2023/03/30		2MM DUAL ROW DUAL WAFER HEADER, VERTICAL T/H	
				DRWN: SANTHN		2023/05/12		PRODUCT CUSTOMER DRAWING	
4 PLACES ±				CHK'D: GGA		2023/05/12		DOCUMENT NUMBER	
3 PLACES ±				APPR: GGA		2023/05/12		SD-87761-052	
2 PLACES ± 0.2				INITIAL REVISION:		2005/02/23		PSD 001 D4	
1 PLACE ±				DRWN: KCHO		2009/12/02		DOC TYPE DOC PART REVISION	
0 PLACES ±				APPR: MLONG				SHEET NUMBER	
ANGULAR TOL ± 3.0°				THIRD ANGLE PROJECTION		DRAWING		SERIES	
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS				A3-SIZE		87761		MATERIAL NUMBER CUSTOMER	
				SEE TABLE		GENERAL MARKET		1 OF 3	

CKT SIZE	DIMENSION	
	A	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				PLATING OPTION	PACKAGING TYPE
				MATING END	STACKER HEIGHT	SOLDER TAIL	(F)		
				M	H	(P)			
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	

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.					
mm		NTS		<p>2MM DUAL ROW DUAL WAFER HEADER, VERTICAL T/H</p> <p>PRODUCT CUSTOMER DRAWING</p> <p>DOCUMENT NUMBER: SD-87761-052 DOC TYPE: PSD DOC PART: 001 REVISION: D4</p>					
GENERAL TOLERANCES (UNLESS SPECIFIED)									
		MM	INCH						
4 PLACES	±		±						
3 PLACES	±		±						
2 PLACES	±	0.2	±						
1 PLACE	±		±						
0 PLACES	±		±						
ANGULAR TOL ± 3.0°				EC NO: 742551		DRWN: SANTHN		2023/03/30	
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS				THIRD ANGLE PROJECTION		DRAWING		SERIES	
				A3-SIZE		87761		MATERIAL NUMBER	
				SEE TABLE		GENERAL MARKET		SHEET NUMBER	
								2 OF 3	

DOCUMENT STATUS	P1	RELEASE DATE	2023/05/12	06:17:08
-----------------	----	--------------	------------	----------

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	TRAY	
87761-2800	28	---	---	4.01	6.99	2.59	13.59	5		
87761-1201	12	---	---	7.00	15.22	2.60	24.82	4		
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		

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.						
mm		NTS		<p>molex</p> <p>2MM DUAL ROW DUAL WAFER HEADER, VERTICAL T/H</p> <p>PRODUCT CUSTOMER DRAWING</p>						
GENERAL TOLERANCES (UNLESS SPECIFIED)										
		MM		INCH		<p>EC NO: 742551</p> <p>DRWN: SANTHN 2023/03/30</p> <p>CHK'D: GGA 2023/05/12</p> <p>APPR: GGA 2023/05/12</p>				
4 PLACES		±		±		INITIAL REVISION:				
3 PLACES		±		±		<p>DRWN: KCHO 2005/02/23</p> <p>APPR: MLONG 2009/12/02</p>				
2 PLACES		± 0.2		±		<p>DOCUMENT NUMBER: SD-87761-052</p> <p>DOC TYPE: PSD</p> <p>DOC PART: 001</p> <p>REVISION: D4</p>				
1 PLACE		±		±		MATERIAL NUMBER: SEE TABLE				
0 PLACES		±		±		CUSTOMER: GENERAL MARKET				
ANGULAR TOL ± 3.0 °				THIRD ANGLE PROJECTION		DRAWING		SERIES		SHEET NUMBER
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS						A3-SIZE		87761		3 OF 3

DOCUMENT STATUS	P1	RELEASE DATE	2023/05/12	06:17:08
-----------------	----	--------------	------------	----------