

**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.

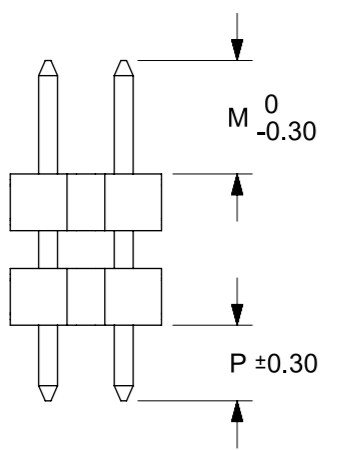
PRE-RELEASE  
REFERENCE  
USE ONLY

SYMBOLS	THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION		CURRENT REV DESC:		<b>molex</b>
	DIMENSION UNITS	SCALE			
▽ = 0	mm	NTS			2MM DUAL ROW DUAL WAFER HEADER, VERTICAL T/H
▽ = 0	GENERAL TOLERANCES (UNLESS SPECIFIED)				
▽ = 0		MM	INCH	EC NO:	PRODUCT CUSTOMER DRAWING
▽ = 0	4 PLACES ±			DRWN: ABABUPS 2020/04/14	
▽ = 0	3 PLACES ±			CHK'D:	DOCUMENT NUMBER
▽ = 0	2 PLACES ± 0.2			APPR:	
▽ = 0	1 PLACE ±			INITIAL REVISION:	SD-87761-052
▽ = 0	0 PLACES ±			DRWN: KCHO 2005/02/23	
▽ = 0	ANGULAR TOL ± 3.0°			APPR: MLONG 2009/12/02	DOC TYPE
▽ = 0	DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS	THIRD ANGLE PROJECTION	DRAWING	SERIES	DOC PART
▽ = 0			A3-SIZE	87761	REVISION
			SEE TABLE	GENERAL MARKET	1 OF 3

DOCUMENT STATUS	RELEASE DATE
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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	
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	
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	
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	
87761-0020	20	---	---	6.00	4.00	2.90	12.90	5	TRAY
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	TRAY
87761-4000	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	
87761-0026	50	---	---	8.89	15.88	3.43	28.20	4	
87761-5000	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	TRAY
87761-0002	50	---	---	7.25	17.50	7.25	32.00		
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	---	---	---	13.20	6.00	TBD	19.20	3	
87761-5020	---	---	---	13.20	6.00	TBD	19.20	3	
87761-0010	---	---	---	4.50	3.00	2.60	10.10	3	

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	DIMENSION UNITS	SCALE			
▽ = 0	mm	NTS			2MM DUAL ROW DUAL WAFER HEADER, VERTICAL T/H
▽ = 0	GENERAL TOLERANCES (UNLESS SPECIFIED)				
▽ = 0		MM	INCH		
▽ = 0	4 PLACES	±	±	EC NO: 2020/04/14	
▽ = 0	3 PLACES	±	±	DRWN: ABABUPS	
▽ = 0	2 PLACES	± 0.2	±	CHK'D:	
▽ = 0	1 PLACE	±	±	APPR:	
▽ = 0	0 PLACES	±	±	INITIAL REVISION:	
⊠ = 0	ANGULAR TOL	± 3.0°		DRWN: KCHO 2005/02/23	
■ = 0	DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		THIRD ANGLE PROJECTION	DRAWING	SERIES
▽ = 0				A3-SIZE	87761
			MATERIAL NUMBER	CUSTOMER	SHEET NUMBER
			SEE TABLE	GENERAL MARKET	2 OF 3

DOCUMENT STATUS	RELEASE DATE
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PART NUMBERS	CKT SIZE	VOID POSITION	KINK POSITION	DIMENSION				PLATING OPTION	PACKAGING TYPE
				MATING END	STACKER HEIGHT	SOLDER TAIL	(F)		
				M	H	(P)			
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	
87761-2800	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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SYMBOLS		DIMENSION UNITS		SCALE		CURRENT REV DESC:			
▽ = 0	mm	NTS				EC NO: 2020/04/14			
▽ = 0	GENERAL TOLERANCES (UNLESS SPECIFIED)					DRWN: ABABUPS			
▽ = 0		MM	INCH			CHK'D:			
▽ = 0	4 PLACES	±		±		APPR:			
▽ = 0	3 PLACES	±		±		INITIAL REVISION:			
▽ = 0	2 PLACES	±	0.2	±		DRWN: KCHO		2005/02/23	DOCUMENT NUMBER
▽ = 0	1 PLACE	±		±		APPR: MLONG		2009/12/02	DOC TYPE
▽ = 0	0 PLACES	±		±		ANGULAR TOL ± 3.0°		SD-87761-052	DOC PART
□ = 0	DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS				THIRD ANGLE PROJECTION		DRAWING	SERIES	MATERIAL NUMBER
▽ = 0							A3-SIZE	87761	CUSTOMER
								SEE TABLE	GENERAL MARKET
									SHEET NUMBER
									3 OF 3

DOCUMENT STATUS	RELEASE DATE
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