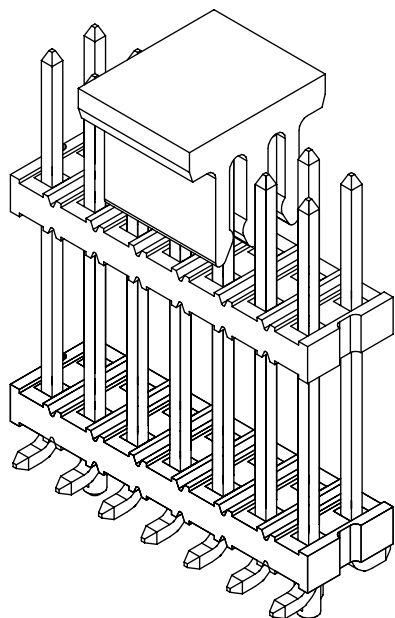
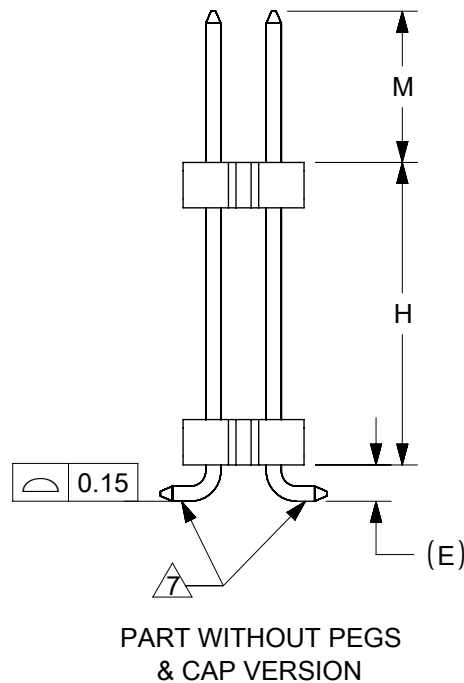
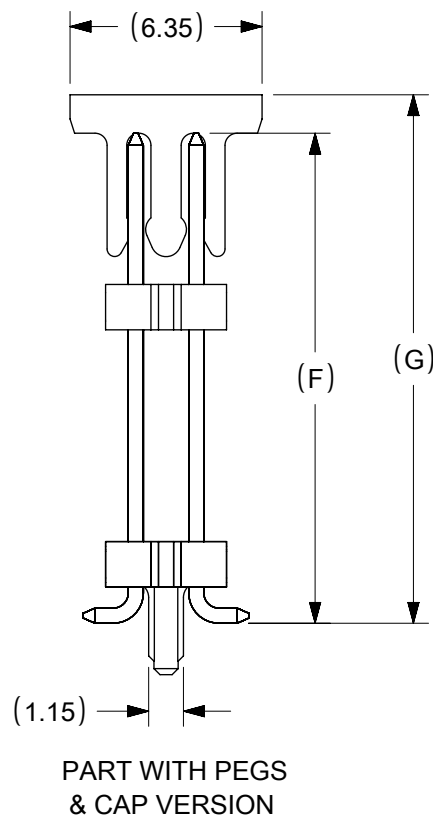
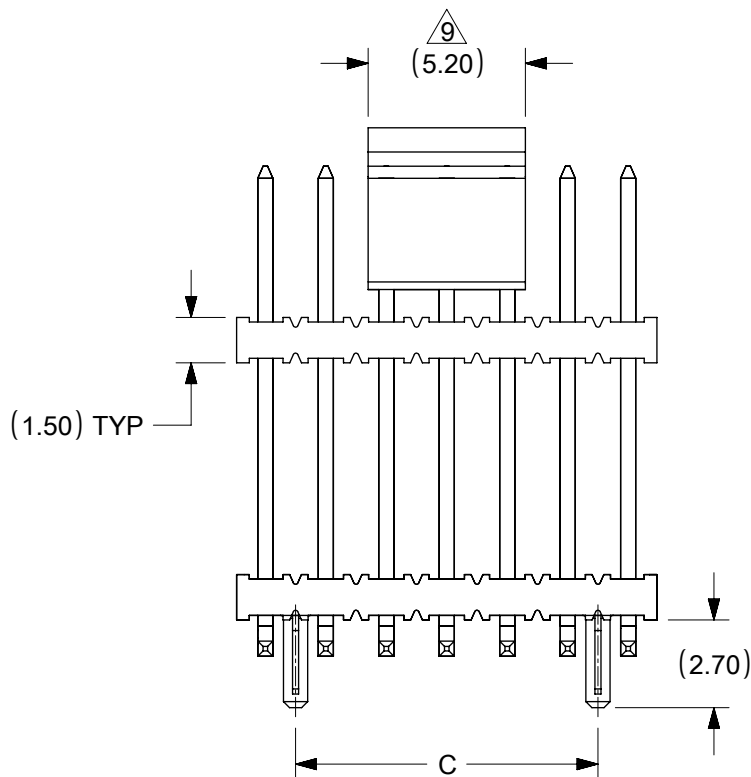
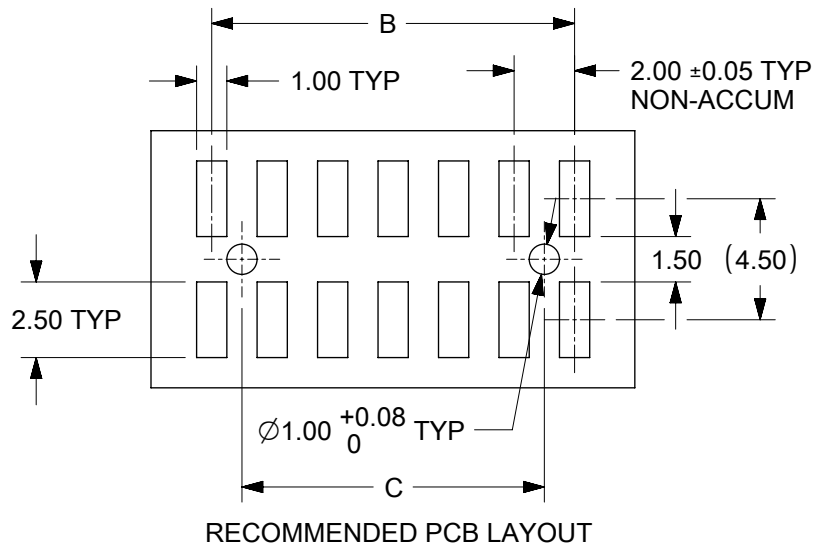
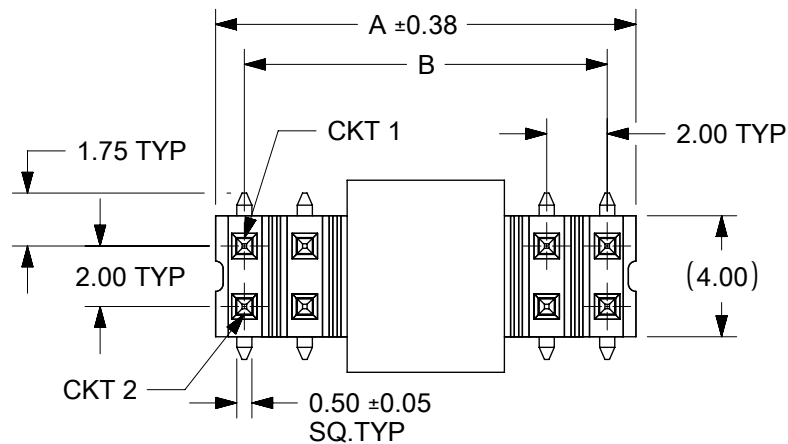


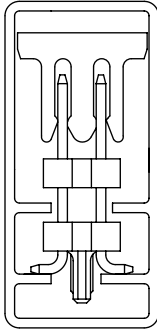
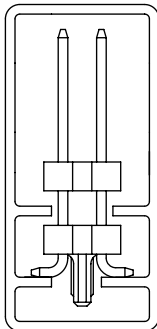
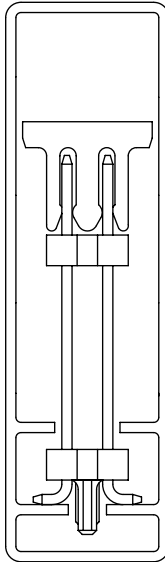
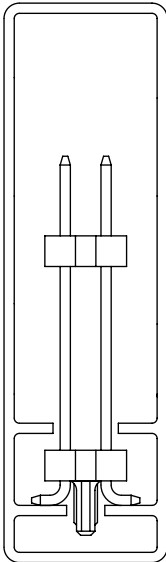


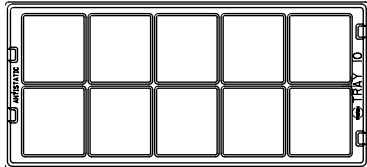
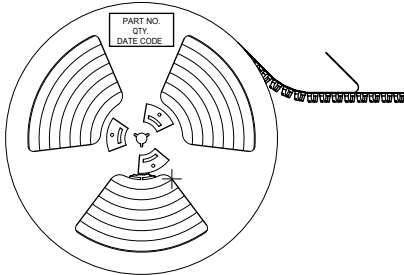
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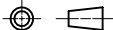
1. MATERIAL:
HSG: NYLON, GLASS-FILLED, UL94V-0 COLOR: BLACK
CAP: NYLON, GLASS-FILLED, UL94V-0, COLOR: BLACK
PIN: 0.50MM SQ, COPPER ALLOY
2. PLATING TYPE:
(1) 0.025µm GOLD OVERALL
1.25µm MIN. NICKEL OVERALL.
(2) 0.05 - 0.25µm. GOLD ON CONTACT AND
2.50µm MIN. TIN ON SOLDER TAIL OVER
1.25µm MIN. NICKEL 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) 0.05 - 0.25µm. GOLD OVERALL
1.25µm MIN. NICKEL OVERALL.
3. PRODUCT SPECIFICATION: PS-87761-100
4. PACKAGING TYPE: PLS SEE TABLE
5. PACKAGING SPEC: PLS SEE SHEET 2 AND SHEET 3
6. WAFER TO BE FLAT WITHIN 0.003 mm/mm
- 7 BEND DEPRESSION IS ACCEPTED SO LONG AS IT DOES NOT AFFECT THE OVERALL COPLANARITY OF TAIL
- 8 COPLANARITY IS TO BE MEASURED BY RESTING THE SOLDER TAIL ON A FLAT SURFACE
- 9 CAP LOCATION IS CENTERED ALONG THE MATING ENDS AS SHOWN. TOP SURFACE OF CAP TO BE FLAT FOR THE PURPOSE OF PICK & PLACE BY VACUUM SUCTION NOZZLE
- 10 IRREGULAR CIRCUIT CUTOFF WITHIN BREAKAWAY SECTION IS PERMISSIBLE. CUTTING OR CHIPPING OF THE MAIN BODY IS NOT ACCEPTABLE
11. RECOMMENDED PCB THICKNESS IS 1.60±0.10mm
12. THE ABOVE CKT 14 IS FOR ILLUSTRATION PURPOSE ONLY
13. TUBE LENGTH AS PER STANDARD 560mm

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 NUMBERS AS PER PCN#512581.			molex				
mm		NTS									
GENERAL TOLERANCES (UNLESS SPECIFIED)				CUSTOM HEADER 2.00MM PITCH DUAL ROW HEADER, DUAL WAFER, SMT							
	MM	INCH									
4 PLACES	±		±	EC NO: 753973 DRWN: ANIKES1 CHK'D: GGA APPR: GGA			2023/06/19 2023/08/31 2023/08/31				
3 PLACES	±		±								
2 PLACES	±	0.2	±	INITIAL REVISION: DRWN: SKLIM01 APPR: MLONG							
1 PLACE	±		±								
0 PLACES	±		±	2006/07/21 2010/03/08			DOCUMENT NUMBER SD-87762-175				
ANGULAR TOL ± 3.0 °										DOC TYPE PSD	
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS				THIRD ANGLE PROJECTION		DRAWING A3-SIZE		CUSTOMER GENERAL MARKET		DOC PART 001	
						SERIES 87762		SHEET NUMBER 1 OF 4		REVISION D3	

DOCUMENT STATUS	P1	RELEASE DATE	2023/08/31	15:24:19
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ITEM	PACKAGING TYPE	PACKAGING SPECIFICATION	PART OVERALL HEIGHT	PART PACKED IN PACKAGING ORIENTATION (FOR REF. USE ONLY)	
1	TUBE	PK-89990-475	DIMENSION F/G= ≤13.3MM	 HEADER WITH CAP IN TUBE	 HEADER WITHOUT CAP IN TUBE
2	TUBE	PK-89990-474	DIMENSION F/G= 13.4MM ~ 23.4MM	 HEADER WITH CAP IN TUBE	 HEADER WITHOUT CAP IN TUBE

ITEM	PACKAGING TYPE	PACKAGING SPECIFICATION	PART OVERALL HEIGHT	PART PACKED IN PACKAGING ORIENTATION (FOR REF. USE ONLY)
3	TRAY	PK-89990-487	DIMENSION F/G= MAX. 40.0MM	
4	TAPE & REEL	PK-89990-484 (REEL Ø: 330.0 MAX.)	DIMENSION F/G= MAX. 26.0MM	

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 NUMBERS AS PER PCN#512581.					
mm		NTS							
GENERAL TOLERANCES (UNLESS SPECIFIED)				CUSTOM HEADER 2.00MM PITCH DUAL ROW HEADER, DUAL WAFER, SMT					
		MM	INCH	PRODUCT CUSTOMER DRAWING					
4 PLACES	±	±							
3 PLACES	±	±							
2 PLACES	±	0.2							
1 PLACE	±	±							
0 PLACES	±	±		DOCUMENT NUMBER SD-87762-175 DOC TYPE PSD DOC PART 001 REVISION D3					
ANGULAR TOL ± 3.0 °									
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS				THIRD ANGLE PROJECTION		DRAWING		SERIES	
						A3-SIZE		87762	
				MATERIAL NUMBER		CUSTOMER		SHEET NUMBER	
				SEE TABLE		GENERAL MARKET		2 OF 4	

10				9				8				7				6				5				4				3				2				1																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																															
F	CKT SIZE	DIMENSION			PART NO. IN PACKAGING OPTION																CKT SIZE	PEG	PLATE OPT.	DIMENSION					PACKAGING SPECIFICATION (PLS REFER TO SHEET 2)																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																						
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12		12.00	10.00	8.00	---	---	87762-1007	---	10	N	3	-	15.45	7.32	6.93	1.20	2																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																		
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18		18.00	16.00	14.00	---	---	87762-1652	---	16	Y	3	-	12.90	6.90	4.80	1.20	1																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																		
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PART NO. IN PACKAGING OPTION				CKT SIZE	PEG	PLATE OPT.	DIMENSION					PACKAGING SPECIFICATION (PLS REFER TO SHEET 2)							
TAPE & REEL WITH CAP	TUBE WITH CAP	TUBE WITHOUT CAP	W/O CAP IN TRAY						MATING END	STACKER HEIGHT	SMT HEIGHT								
							G	(F)					M	H	E				
----		----		87762-0873	----	08	Y	2	17.27	--	7.62	8.45	1.20	2					
----		87762-0874		----	----	08	Y	2	17.27	18.58	7.62	8.45	1.20	2					
----		-----		87762-0029	----	10	Y	6	23.50	--	4.50	17.80	1.20	2					
----		87762-1000		----	----	10	Y	6	23.50	24.81	4.50	17.80	1.20	2					
----		-----		87762-2600	----	26	Y	1	20.60	--	7.90	11.50	1.20	2					
----		87762-2601		----	----	26	Y	1	20.60	21.91	7.90	11.50	1.20	2					

THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION

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		

EC NO: 753973

DRWN: ANIKES1

CHK'D: GGA

APPR: GGA

INITIAL REVISION:

DRWN: SKLIM01

APPR: KWLEE

THIRD ANGLE PROJECTION

DRAWING

SERIES

MATERIAL NUMBER

CUSTOMER

SHEET NUMBER

CURRENT REV DESC: REMOVED OBSOLETE PART NUMBERS AS PER PCN#512581.

2023/06/19

2023/08/31

2023/08/31

2006/12/21

2006/12/26

A3-SIZE

87762

SEE TABLE

GENERAL MARKET

4 OF 4

mo

lex

CUSTOM HEADER

2.00MM PITCH DUAL ROW HEADER, DUAL WAFER, SMT

PRODUCT CUSTOMER DRAWING

SD-87762-175

DOCUMENT NUMBER

DOC TYPE

DOC PART

REVISION

PSD

001

D3

DOCUMENT STATUS

P1

RELEASE DATE

2023/08/31

15:24:19

9

8

7

6

5

4

3

2

1