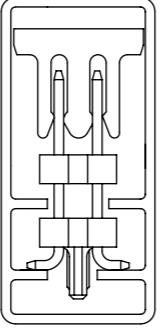
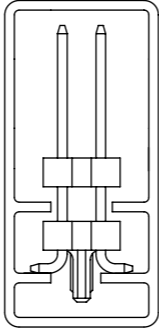
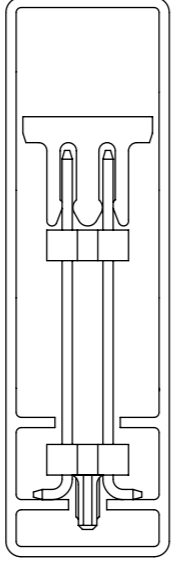
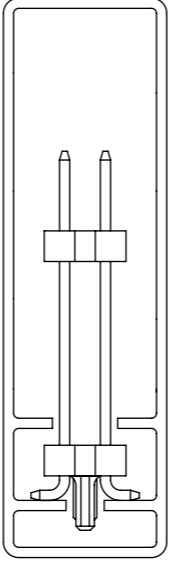
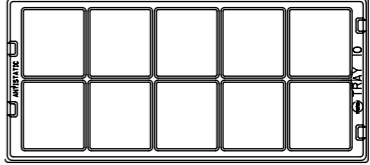
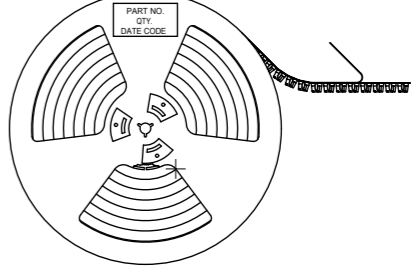


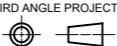
NOTES

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: P/N 87762-5035 ADD				molex	
mm		NTS							
GENERAL TOLERANCES (UNLESS SPECIFIED)									
		MM		INCH					
4 PLACES		±		±		EC NO: 623663			
3 PLACES		±		±		DRWN: ABABUPS 2019/08/27			
2 PLACES		± 0.2		±		CHK'D: MRAMAKRISHNA 2019/09/06			
1 PLACE		±		±		APPR: MRAMAKRISHNA 2019/09/06			
0 PLACES		±		±		INITIAL REVISION:			
ANGULAR TOL		± 3.0°		±		DRWN: SKLIM01 2006/07/21			
						APPR: MLONG 2010/03/08			
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS				THIRD ANGLE PROJECTION		DRAWING		SERIES	
				A3-SIZE		87762		MATERIAL NUMBER	
				SEE TABLE		CUSTOMER		SHEET NUMBER	
				GENERAL MARKET		SD-87762-175		1 OF 4	

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		
2	TUBE	PK-89990-474	DIMENSION F/G= 13.4MM ~ 23.4MM		

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	

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DIMENSION UNITS		SCALE		CURRENT REV DESC: P/N 87762-5035 ADD				molex	
mm		NTS							
GENERAL TOLERANCES (UNLESS SPECIFIED)				EC NO: 623663				CUSTOM HEADER	
				DRWN: ABABUPS 2019/08/27				2.00MM PITCH DUAL ROW HEADER, DUAL WAFER, SMT	
				CHK'D: MRAMAKRISHNA 2019/09/06					
				APPR: MRAMAKRISHNA 2019/09/06				PRODUCT CUSTOMER DRAWING	
				INITIAL REVISION:				DOCUMENT NUMBER	
				DRWN: SKLIM01 2006/07/21				SD-87762-175	
				APPR: MLONG 2010/03/08				DOC TYPE DOC PART REVISION	
								PSD 001 D2	
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		THIRD ANGLE PROJECTION		DRAWING		SERIES		MATERIAL NUMBER	
				A3-SIZE		87762		CUSTOMER	
						SEE TABLE		GENERAL MARKET	
								SHEET NUMBER	
								2 OF 4	

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

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)	
87762-0400	---	---	---	04	N	3	11.47	10.20	4.40	4.60	1.20	4
87762-0800	---	---	---	08	N	3	11.47	10.20	4.40	4.60	1.20	4
87762-0601	---	---	---	06	N	4	13.48	11.86	3.73	6.93	1.20	4
---	---	87762-1007	---	10	N	3	-	15.45	7.32	6.93	1.20	2
87762-1401	---	---	---	14	N	5	11.05	8.70	3.00	4.50	1.20	4
87762-1402	---	---	---	14	Y	3	13.27	12.00	4.50	6.30	1.20	4
---	---	87762-1652	---	16	Y	3	-	12.90	6.90	4.80	1.20	1
87762-1654	---	---	---	16	N	4	11.27	10.00	4.90	3.90	1.20	4
87762-1655	---	---	---	16	Y	2	25.65	24.30	4.00	19.10	1.20	4
---	87762-1800	---	---	18	Y	3	18.87	17.60	4.52	11.88	1.20	2
87762-0040	---	---	---	20	Y	4	9.71	8.44	4.24	3.00	1.20	4
87762-2000	---	---	---	20	Y	3	23.85	22.30	3.80	17.30	1.20	4
---	---	87762-3080	---	30	N	1	-	13.45	3.35	8.90	1.20	2
87762-3007	---	---	---	30	N	1	15.45	13.45	3.35	8.90	1.20	4
87762-3008	---	---	---	30	Y	6	19.27	18.00	5.00	11.80	1.20	4
87762-3009	---	---	---	30	N	2	16.55	14.20	3.00	10.00	1.20	4
87762-4007	---	---	---	40	Y	3	17.65	16.30	3.50	11.60	1.20	4
---	---	---	87762-0003	24	N	3	-	15.45	7.32	6.93	1.20	3
---	---	---	87762-0006	24	N	3	-	20.60	7.90	11.50	1.20	3
---	---	---	87762-0010	26	N	3	-	20.60	7.90	11.50	1.20	3
---	---	---	87762-0005	40	Y	3	17.91	16.60	6.00	9.40	1.20	3
---	---	---	87762-0011	12	N	2	-	13.90	4.50	7.90	1.50	3
---	---	---	87762-0012	14	N	2	-	9.30	4.80	3.00	1.50	3
---	---	---	87762-0013	16	N	2	-	15.37	5.97	8.2	1.20	3
---	87762-0014	---	---	14	Y	4	18.66	17.35	4.65	11.50	1.20	2
---	---	87762-0024	---	12	Y	3	-	19.35	6.65	11.50	1.20	REFER PK-151033-0001
---	87762-0025	---	---	12	Y	3	20.66	19.35	6.65	11.50	1.20	REFER PK-151033-0001
---	---	---	87762-0600	06	Y	3	20.66	19.35	6.65	11.50	1.20	3
---	87762-0014	---	---	14	Y	4	18.66	17.35	4.65	11.50	1.20	2
---	---	---	87762-0015	14	Y	4	18.66	17.35	4.65	11.50	1.20	3
---	87762-3232	---	---	32	Y	4	18.51	17.20	4.00	12.00	1.20	2
---	87762-5032	---	---	50	Y	4	18.51	17.20	4.00	12.00	1.20	2
---	87762-1633	---	---	16	Y	4	23.31	22.00	4.00	16.80	1.20	2
---	87762-5033	---	---	50	Y	4	23.31	22.00	4.00	16.80	1.20	2
---	87762-5034	---	---	50	Y	4	14.61	13.30	4.00	8.10	1.20	2
87762-5035	---	---	---	50	Y	4	14.61	13.30	4.00	8.10	1.20	4
---	---	87762-0036	---	20	N	3	---	7.29	1.50	4.59	1.20	2
---	---	87762-0032	---	20	Y	3	---	7.29	1.50	4.59	1.20	2
---	---	---	87762-0033	20	N	3	---	7.29	1.50	4.59	1.20	3
---	---	87762-0037	---	10	N	3	---	7.29	1.50	4.59	1.20	2
---	---	87762-0034	---	10	Y	3	---	7.29	1.50	4.59	1.20	2
---	---	---	87762-0035	10	N	3	---	7.29	1.50	4.59	1.20	3
---	---	87762-0038	---	20	Y	4	---	7.29	3.09	3.00	1.20	2
---	---	87762-0039	---	20	Y	4	---	8.44	4.24	3.00	1.20	2
---	87762-0872	---	---	08	Y	3	18.58	17.27	7.62	8.45	1.20	2

D2

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DIMENSION UNITS	SCALE	CURRENT REV DESC: P/N 87762-5035 ADD	
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		THIRD ANGLE PROJECTION	DRAWING
			A3-SIZE
		SERIES	87762
		MATERIAL NUMBER	SEE TABLE
		CUSTOMER	GENERAL MARKET
		SHEET NUMBER	3 OF 4

EC NO: 623663
 DRWN: ABABUPS 2019/08/27
 CHK'D: MRAMAKRISHNA 2019/09/06
 APPR: MRAMAKRISHNA 2019/09/06

INITIAL REVISION:
 DRWN: SKLIM01 2006/07/21
 APPR: MLONG 2010/03/08

CUSTOM HEADER
 2.00MM PITCH DUAL ROW HEADER, DUAL WAFER, SMT

PRODUCT CUSTOMER DRAWING

DOCUMENT NUMBER: SD-87762-175
 DOC TYPE: PSD
 DOC PART: 001
 REVISION: D2

DOCUMENT STATUS	P1	RELEASE DATE	2019/09/06	07:29:25
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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				G	(F)	MATING END	STACKER HEIGHT	SMT HEIGHT	
									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

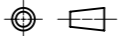
E

D

C

B

A

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DIMENSION UNITS	SCALE	CURRENT REV DESC: P/N 87762-5035 ADD							
mm	NTS	molex							
GENERAL TOLERANCES (UNLESS SPECIFIED)		CUSTOM HEADER 2.00MM PITCH DUAL ROW HEADER, DUAL WAFER, SMT							
ANGULAR TOL	± 3.0 °	EC NO: 623663		PRODUCT CUSTOMER DRAWING					
4 PLACES	±	DRWN: ABABUPS 2019/08/27		DOCUMENT NUMBER					
3 PLACES	±	CHK'D: MRAMAKRISHNA 2019/09/06		SD-87762-175					
2 PLACES	± 0.2	APPR: MRAMAKRISHNA 2019/09/06		DOC TYPE		DOC PART		REVISION	
1 PLACE	±	INITIAL REVISION:		PSD		001		D2	
0 PLACES	±	DRWN: SKLIM01 2006/12/21		SERIES		MATERIAL NUMBER		CUSTOMER	
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		THIRD ANGLE PROJECTION		DRAWING		SERIES		SHEET NUMBER	
				A3-SIZE		87762		GENERAL MARKET 4 OF 4	

DOCUMENT STATUS	P1	RELEASE DATE	2019/09/06	07:29:25
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FORMAT: master-ib-prod-A3
REVISION: 11
DATE: 2018/01/18