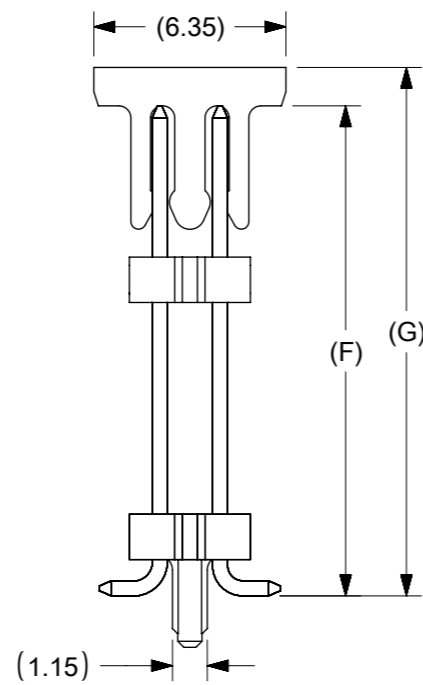
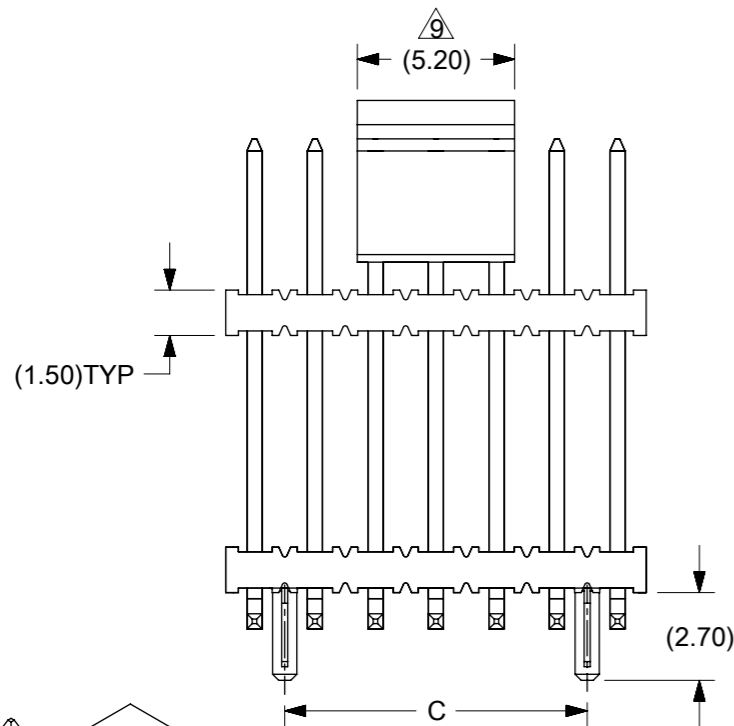
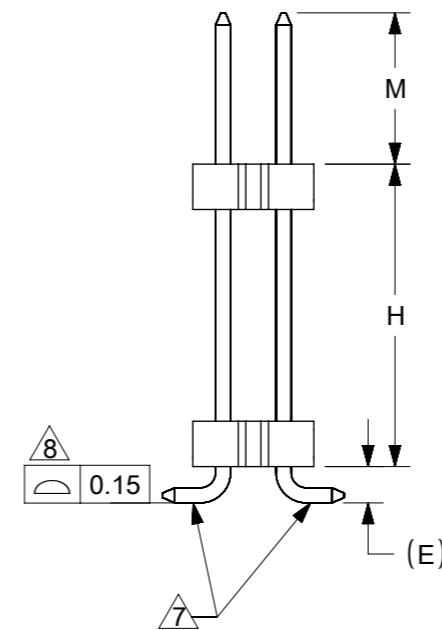


RECOMMENDED PCB LAYOUT



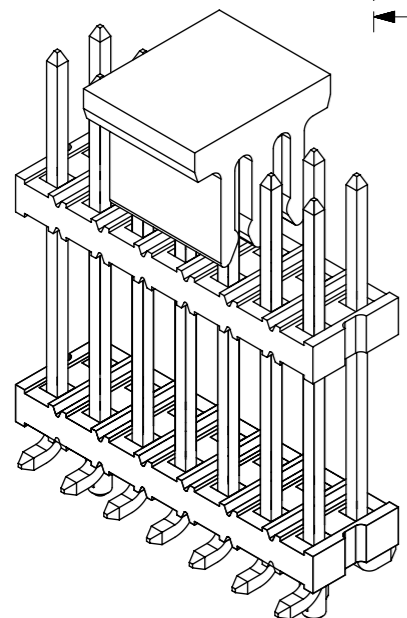
PART WITH PEGS & CAP VERSION



PART WITHOUT PEGS & CAP VERSION

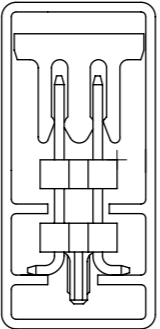
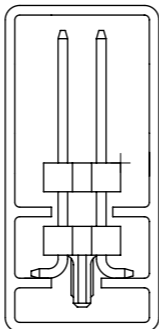
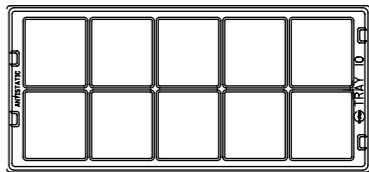
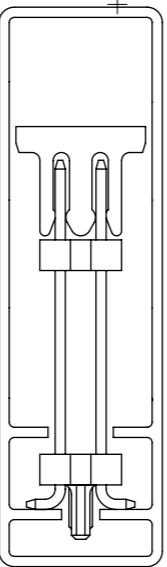
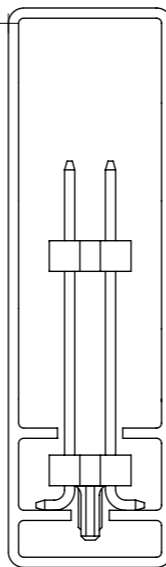
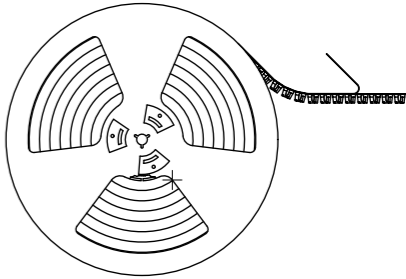
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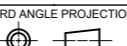

1. MATERIAL:
HSG: NYLON, GLASS-FILLED, UL94V-0 COLOR: BLACK
CAP: NYLON, GLASS-FILLED, UL94V-0, COLOR: BLACK
PIN: 0.50MM SQ, COPPER ALLOY
2. PLATING TYPE:
(1) 0.05-0.25µm GOLD OVER
1.25µm MIN. NICKEL OVERALL.
(2) 0.05-0.25µm GOLD ON CONTACT AND
2.50µm MIN. TIN ON SOLDER TAIL OVER
1.25µm MIN. NICKEL OVERALL.
(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
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 1.60mm±0.10
12. THE ABOVE CKT 14 IS FOR ILLUSTRATION PURPOSE ONLY
13. TUBE LENGTH AS PER STANDARD 560mm



SYMBOLS	THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION		CURRENT REV DESC: P/N 151033-0802 ADD	
	▽ = 0	mm	SCALE: NTS	
	▽ = 0	GENERAL TOLERANCES (UNLESS SPECIFIED)		
	▽ = 0	MM	INCH	
▽ = 0	4 PLACES ±		EC NO: 627833	
▽ = 0	3 PLACES ±		DRWN: VNANDAM	2019/10/22
▽ = 0	2 PLACES ±	0.2	CHK'D: MRAMAKRISHNA	2019/11/21
▽ = 0	1 PLACE ±		APPR: MRAMAKRISHNA	2019/11/21
▽ = 0	0 PLACES ±		INITIAL REVISION:	
▽ = 0	ANGULAR TOL ± °		DRWN: ATSEE	2014/08/25
▽ = 0	DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		APPR: KHLIM	2014/11/18
▽ = 0	THIRD ANGLE PROJECTION		DRAWING	SERIES
	A3-SIZE		151033	MATERIAL NUMBER
	SEE TABLE	CUSTOMER		SHEET NUMBER
	GENERAL MARKET			1 OF 3

PACKAGING SPECIFICATION OVERVIEW

ITEM	PACKAGING TYPE	PACKAGING SPECIFICATION	PART OVERALL HEIGHT	PART PACKED IN PACKAGING ORIENTATION (FOR REF. USE ONLY)		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			3	TRAY	PK-89990-487	DIMENSION F/G= MAX. 40.0MM		
2	TUBE	PK-89990-474	DIMENSION F/G= 13.4MM ~ 23.4MM			4	TAPE & REEL	PK-87858-300 (REEL Ø: 330.0 MAX.)	DIMENSION F/G= MAX. 26.0MM		

SYMBOLS ▽ = 0 ▽ = 0 ▽ = 0 ▽ = 0 ▽ = 0 ▽ = 0 ▽ = 0 ▽ = 0 ▽ = 0 ▽ = 0	DIMENSION UNITS mm	SCALE NTS	THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION																					
	GENERAL TOLERANCES (UNLESS SPECIFIED)		CURRENT REV DESC: P/N 151033-0802 ADD																					
	<table border="1" style="width: 100%; border-collapse: collapse; font-size: 8px;"> <thead> <tr> <th></th> <th>MM</th> <th>INCH</th> </tr> </thead> <tbody> <tr> <td>4 PLACES</td> <td>±</td> <td>±</td> </tr> <tr> <td>3 PLACES</td> <td>±</td> <td>±</td> </tr> <tr> <td>2 PLACES</td> <td>± 0.2</td> <td>±</td> </tr> <tr> <td>1 PLACE</td> <td>±</td> <td>±</td> </tr> <tr> <td>0 PLACES</td> <td>±</td> <td>±</td> </tr> </tbody> </table>			MM	INCH	4 PLACES	±	±	3 PLACES	±	±	2 PLACES	± 0.2	±	1 PLACE	±	±	0 PLACES	±	±	EC NO: 627833 DRWN: VNANDAM 2019/10/22 CHK'D: MRAMAKRISHNA 2019/11/21 APPR: MRAMAKRISHNA 2019/11/21			
		MM	INCH																					
4 PLACES	±	±																						
3 PLACES	±	±																						
2 PLACES	± 0.2	±																						
1 PLACE	±	±																						
0 PLACES	±	±																						
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		INITIAL REVISION: DRWN: ATSEE 2014/08/25 APPR: KHLIM 2014/11/18																						
THIRD ANGLE PROJECTION		DRAWING		SERIES		MATERIAL NUMBER		CUSTOMER		SHEET NUMBER														
				A3-SIZE		151033		SEE TABLE		GENERAL MARKET														

CKT SIZE	DIMENSION			PART NO. IN PACKAGING OPTION					CKT SIZE	PEG	PLATE OPT.	DIMENSION					PACKAGING SPECIFICATION (PLS REFER TO SHEET 2)	
	A	B	C	TAPE & REEL W/O CAP	TAPE & REEL WITH CAP	TUBE WITH CAP	TUBE WITHOUT CAP	W/O CAP IN TRAY				(G)	(F)	MATING END	STACKER HEIGHT	SMT HEIGHT		SOLDER TAIL
04	4.00	2.00	-	-	-	-	-	151033-0400	04	N	5	-	8.36	3.00	4.15	1.20	1.75	3
06	6.00	4.00	2.00	-	151033-0600	-	-	-	06	N	5	10.15	8.80	4.00	6.00	1.20	1.75	4
08	8.00	6.00	4.00	-	151033-0601	-	-	-	06	N	3	18.63	17.36	7.20	8.89	1.27	1.75	4
10	10.00	8.00	6.00	-	151033-0802	-	-	-	08	Y	1	15.35	14.00	5.00	7.80	1.20	1.75	4
12	12.00	10.00	8.00	-	151033-1003	-	-	-	10	N	3	15.70	13.35	3.00	9.15	1.20	1.75	4
14	14.00	12.00	10.00	-	151033-1002	-	-	-	10	N	1	15.27	14.00	6.80	6.00	1.20	1.75	4
16	16.00	14.00	12.00	-	-	-	-	151033-1004	10	N	5	-	26.20	7.00	18.00	1.20	1.75	3
18	18.00	16.00	14.00	-	-	-	-	151033-1001	10	N	5	-	9.80	3.80	4.80	1.20	1.75	3
20	20.00	18.00	16.00	-	151033-1201	-	-	-	12	Y	3	18.40	17.00	5.00	10.80	1.20	2.00	4
22	22.00	20.00	18.00	-	-	-	-	151033-1203	12	N	5	-	19.75	3.50	15.05	1.20	1.75	3
24	24.00	22.00	20.00	-	151033-1600	-	-	-	16	Y	3	20.70	18.95	3.60	14.15	1.20	1.75	4
26	26.00	24.00	22.00	-	-	151033-1602	-	-	16	N	2	-	21.10	11.83	8.07	1.20	1.75	2
28	28.00	26.00	24.00	-	151033-1606	-	-	151033-1605	16	Y	4	11.35	9.00	3.00	4.80	1.20	1.75	4,3
30	30.00	28.00	26.00	-	151033-2000	-	-	-	20	N	3	11.00	9.25	3.60	4.45	1.20	1.75	4
32	32.00	30.00	28.00	151033-2002	-	-	-	-	20	N	3	-	13.25	3.60	8.45	1.20	1.75	4
34	34.00	32.00	30.00	151033-2007	-	-	-	-	20	Y	3	-	13.25	3.60	8.45	1.20	1.75	4
36	36.00	34.00	32.00	151033-2003	-	-	-	-	20	N	3	-	9.25	3.60	4.45	1.20	1.75	4
38	38.00	36.00	34.00	151033-2005	-	-	-	-	20	N	5	-	9.25	3.60	4.45	1.20	1.75	4
40	40.00	38.00	36.00	151033-2006	-	-	-	-	20	N	5	-	13.25	3.60	8.45	1.20	1.75	4
42	42.00	40.00	38.00	-	151033-2603	-	-	151033-2600	26	Y	4	11.35	9.00	3.00	4.80	1.20	1.75	4,3
44	44.00	42.00	40.00	-	151033-2800	-	-	-	28	N	1	13.47	12.20	5.00	6.00	1.20	1.75	4
46	46.00	44.00	42.00	-	151033-4400	-	-	-	44	Y	3	20.70	18.95	3.60	14.15	1.20	1.75	4
48	48.00	46.00	44.00	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
50	50.00	48.00	46.00	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

DOCUMENT STATUS		P1	RELEASE DATE	2019/11/21	08:04:27
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	DIMENSION UNITS	SCALE
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□ = 0	ANGULAR TOL ± °	
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▽ = 0		DRAWING
		SERIES
		MATERIAL NUMBER
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EC NO: 627833
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 APPR: MRAMAKRISHNA 2019/11/21
 DRWN: ATSEE 2014/08/25
 APPR: KHLIM 2014/11/18

CURRENT REV DESC: P/N 151033-0802 ADD
molex
 CUSTOM HEADER
 2.00MM PITCH DUAL ROW HEADER, DUAL WAFER SMT
 PRODUCT CUSTOMER DRAWING
 DOCUMENT NUMBER: SD-151033-0002
 DOC TYPE: PSD
 DOC PART: 000
 REVISION: A14
 GENERAL MARKET
 SEE TABLE